

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

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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 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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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.

IDC 01 00:09:58.3,1.4,3.15S,146.29E,h0km,mb3.8/8,
mb1 4.0/10,mb1mx3.8/36,mbtmp3.8/10,ML2=82,MS3.3/11,
Ms1.3/11,ms1mx3.1/37,Error ellipse: s-maj=44.7km
s-min=19.5km az=96.0
NEIC 01 00:10:00.6,1.1,3.35S,0.1x146.2E,0.2,h10km,2km,
mb4.4/7,Error ellipse: s-maj=30.0km s-min=6.5km
az=303.0

ISC 01 00:10:00.4,0.8,3.16S,0.09,146.2E,0.1,h10km,n27,
c0568/20,mb3.6/8,MS3.3/8,Bismarck Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
MANU	Manus Island	1.62 47	Op	Pn	00 10 29.8	+0.7
PMG	Port Moresby	6.29 171	Pn	Pn	00 11 32.8	-0.4
PMG	Port Moresby	6.29 171	LR	LR	00 13 41.3	
PMG	Port Moresby	6.29 171	P	P	00 11 33.0	-0.3
COEN	Coen	11.13 195	Pn	Pn	00 12 40.8	+1.0
HNR	Honiara	15.04 115	LR	LR	00 19 15.9	
SUJI	Sorong	15.07 278	LR	LR	00 18 36.3	
CTA	Charters Tower	16.83 180	Pn	Pn	00 13 56.8	+0.5
CTAO	Charters Tower	16.83 180	P	P	00 13 56.8	+0.5
MTN	Manton Dam	17.72 236	Pn	Pn	00 14 06.8	-0.7
MTN	Manton Dam	17.72 236	Iamb	Iamb	00 14 13.6	
WB0	Warramunga Arr	20.12 214	P	P	00 14 34.3	-0.4
WB0	Warramunga Arr	20.12 214	Iamb	Iamb	00 14 37.0	
WB2	Warramunga Arr	20.29 214	P	P	00 14 36.5	+0.1
WB2	Warramunga Arr	20.29 214	Iamb	Iamb	00 14 38.4	
WB2	Warramunga Arr	20.29 214	P	P	00 14 36.7	+0.1
DAV	Davao City (W)	22.93 296	LR	LR	00 24 02.7	
BATI	Baumata	24.42 252	LR	LR	00 24 12.9	
AS31	Alice Springs	25.59 209	P	P	00 15 11.1	-0.4
AS31	Alice Springs	25.59 209	Iamb	Iamb	00 15 11.1	-0.4
ASAR	Alice Springs	25.59 209	P	P	00 15 11.2	-0.3
ASAR	Alice Springs	25.59 209	LR	LR	00 24 24.3	
FITZ	Fitzroy Crossi	25.01 232	P	P	00 15 24.4	-0.3
FITZ	Fitzroy Crossi	25.01 232	LR	LR	00 25 50.1	
FITZ	Fitzroy Crossi	25.01 232	P	P	00 15 24.9	+0.2
FITZ	Fitzroy Crossi	25.01 232	Iamb	Iamb	00 15 31.2	
STKA	Stephens Creek	28.89 188	LR	LR	00 28 22.9	
FORT	Forrest	32.37 210	P	P	00 16 29.8	-0.5
KSR	Korea Array	34.92 339	LR	LR	00 35 58.0	
CMAR	Chiang Mai Arr	51.22 297	P	P	00 19 06.3	+0.7
CMAR	Chiang Mai Arr	51.22 297	LR	LR	00 39 12.8	
SOMN	Songino Array	61.54 331	P	P	00 20 17.2	-0.7
MKAR	Makanchi Array	74.80 320	P	P	00 21 41.4	+0.4
ILAR	Eielson Array	83.21 23	P	P	00 22 26.1	-0.6
BVAR	Borovoye Array	84.00 324	P	P	00 22 30.3	-0.7
QSPA	South Pole Qui	86.79 180	LR	LR	00 59 28.1	

MAN 01 00:26:54.0,8.23N,125.24E,h34km,mb4.2,ML3.0,MS2.6,
1C,Mindanao

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
BUKP	Musan	0.39 207	Op	Pn	00 27 04.8	+1.5
BUKP	Musan	0.39 207	eS	Pn	00 27 11.5	+2.2
CGP	Cagayan de Oro	0.58 293f	eP	Pn	00 27 06.7	+0.7
CGP	Cagayan de Oro	0.58 293f	fS	Pn	00 27 13.3	-0.8

IDC 01 00:33:44.2,3.9,9.67S,33.43E,h0km,mb3.7/2,mb1 3.9/3,
mb1mx3.2/51,mbtmp3.9/3,ML3.9/1,Error ellipse:
s-maj=58.6km s-min=2.7km az=114.0
ISC 01 00:33:45.6,1.9,9.95S,0.3,3.4E,h10km,n4,c1988/6,
Tanzania

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
vwzw	Thunduwike	1.34 193	Op	Pn	00 34 10.5	-0.2
vwzw	Thunduwike	1.34 193	P	P	00 34 28.4	-0.4
KMBO	Kilima Mbogo	9.30 21	Pn	Pn	00 36 01.2	+1.2
KMBO	Kilima Mbogo	9.30 21	Sn	Sn	00 37 42.2	-2.8
KMBO	Kilima Mbogo	9.30 21	Lg	Lg	00 38 36.0	
KMBO	Kilima Mbogo	9.30 21	Sg	Sg	00 38 21.8	-0.5
BOSHO	Bosho	20.34 202	P	P	00 45 04.6	+1.1

REY 01 00:36:08.9,64.66N,17.45W,h1km
IDC 01 00:36:09.9,0.8,64.62N,17.6W,h0km,mb3.7/15,
mb1 3.9/16,mb1mx3.7/58,mbtmp3.7/16,ML4.2/1,MS3.1/1,
Ms1.3/1,ms1mx2.4/44,Error ellipse: s-maj=23.2km
s-min=14.6km az=333.0

NEIC 01 00:36:10.2,1.6,64.61N,0.09,17.7W,0.1,h6km,5km,
mb4.3/7,Error ellipse: s-maj=13.4km s-min=8.8km
az=188.0

ISC 01 00:36:10.4,0.5,64.69N,0.02,17.49W,0.03,h10km,n72,
c2503/80,mb3.9/23,Iceland

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
BARD	Barðarbunga	0.05 156	Op	Pn	00 36 09.6	-3.0
IDYN	Dyngjuhals	0.12 27	P	Pg	00 36 12.2	-1.1
IURH	Urdarhals	0.20 47	P	Pg	00 36 13.5	-1.1
IHAM	Hamarnir	0.25 215	P	Pg	00 36 14.0	-1.6
IKVE	Kverfjoll	0.35 91	P	Pg	00 36 15.8	-1.6
ISKR	Skrökalda	0.41 252	P	Pg	00 36 16.9	-1.4
THOR	Thorvaldsdraun	0.43 54	P	Pg	00 36 17.2	-1.6
THOR	Thorvaldsdraun	0.43 54	S	Sg	00 36 23.9	-0.5
IKRE	Kreppuharar	0.49 78	P	Pg	00 36 17.9	-2.0
IJOK	Jokulheimar	0.49 221	P	Pg	00 36 18.1	-1.8
IASK	Askja	0.52 44	P	Pg	00 36 18.6	-1.8
IMKO	Mokollur	0.57 59	P	Pg	00 36 19.6	-1.9
IMKO	Mokollur	0.57 59	S	Sg	00 36 28.8	-2.0
IIIEY	Innrieyrar	0.65 205	P	Pg	00 36 20.9	-2.1
ISVA	Svartartok	0.66 9	P	Pg	00 36 21.4	-1.8
ISVA	Svartartok	0.66 9	S	Sb	00 36 31.1	-2.2
IKSA	Karasker	0.69 139	P	Pg	00 36 20.7	-3.0
IKAL	Kalfafell	0.74 187	P	Pg	00 36 22.4	-3.0
IVSH	V-Sauoahnukur	0.77 80	P	Pg	00 36 22.5	-2.7
IVSH	V-Sauoahnukur	0.77 80	S	Sg	00 36 32.8	-2.3
IADA	Aadalbol	0.89 67	P	Pg	00 36 24.5	-2.9
IMEL	Melnhousar	0.96 21	P	Pg	00 36 26.1	-2.7

baz=20	Reyniholt	1.00 14	P	Pg	00 36 26.9	-2.7
IYEN	Krokottuvotn	1.06 14	P	Pg	00 36 27.9	-2.9
ISNB	Snyabli	1.07 208	P	Pb	00 36 28.0	-3.0
IGRS	Grimstaioir	1.12 31	S	Sg	00 36 45.0	-1.3
IGRS	Grimstaioir	1.12 31	P	Pb	00 36 28.8	-3.0
IFED	Fedgar	1.16 236	P	Pb	00 36 30.1	-2.5
IRJU	Rjupefjall	1.19 206	P	Pb	00 36 30.1	-2.9
ISKI	Skildingahish	1.21 9	P	Pb	00 36 30.4	-2.9
IMJO	Mjosakard	1.21 233	P	Pb	00 36 30.9	-2.5
IGHA	Grjofthals	1.22 16	P	Pb	00 36 30.2	-3.2
IGRA	Granaostaioir	1.24 358	P	Pb	00 36 30.7	-3.1
IDIM	Dimmadalss	1.30 10	P	Pb	00 36 31.8	-2.8
IHV0	Lagu-Hvolar	1.31 208	P	Pn	00 36 32.0	-2.6
ISAU	Saurbar	1.45 243	P	Pn	00 36 34.0	-2.6
IBRE	Brettingsstaoi	1.46 353	P	Pn	00 36 34.2	-2.4
IGIL	Gilgafjall	1.48 18	P	Pn	00 36 34.2	-2.7
ISIG	Siglufjorour	1.57 338	P	Pn	00 36 36.1	-2.1
BORG	Borgarnes	1.65 274	Pn	Sg	00 36 36.9	-2.4
BORG	Borgarnes	1.65 274	Sn	Sg	00 37 01.0	-2.3
SCO	Scoresbysund	6.07 346	e	Pn	00 37 39.9	-0.1
SCO	Scoresbysund	6.07 346	e	Pn	00 37 35.2	-4.7
SCO	Scoresbysund	6.07 346	e	Pn	00 37 40.8	+0.9
SCO	Scoresbysund	6.07 346	iS	Pn	00 38 56.6	-1.2
SCO	Scoresbysund	6.07 346	iS	Pn	00 38 57.9	
ECO	Eskdalemur Ar	11.77 136	Pn	Pn	00 38 59.0	+0.9
ESK	Eskdalemur Ar	11.77 136	Pn	Pn	00 38 58.1	0.0
CLL	Collum	20.71 116	P	P	00 40 50.8	+0.4
CLL	Collum	20.71 116	Iamb	Iamb	00 40 55.2	
BRG	Bergjeshubell	21.42 115	eP	Pn	00 40 59.0	+0.9
BRG	Bergjeshubell	21.42 115	eP	Pn	00 41 00.5	
BRG	Bergjeshubell	21.42 115	eP	Pn	00 40 59.0	+0.9
BRG	Bergjeshubell	21.42 115	eP	Pn	00 41 00.5	
PRU	Pruhonice	22.36 116	eP	P	00 41 11.0	+2.9
CHVC	Chvalec	22.47 113	eP	P	00 41 11.8	+2.4
KHC	Kasperske Hory	22.68 118	eP	P	00 41 13.0	+1.3
KHC	Kasperske Hory	22.68 118	P	P	00 41 13.2	+1.6
GPC	Dobruska-Polom	22.77 113	P	P	00 41 14.7	+2.1
GERES	Gerlesau	22.95 119	P	P	00 41 14.1	-0.6
GERES	Gerlesau	22.95 119	LR	LR	00 51 32.2	
SQTA	Sankt Quirin	23.41 125	eP	P	00 41 19.9	+0.6
FETA	Feichten	23.41 125	eP	P	00 41 20.8	+1.4
WATA	Walderalm	23.44 124	eP	P	00 41 21.6	+2.0
EUNU	Eureka	23.65 336	P	P	00 41 22.4	+1.0
EUNU	Eureka	23.65 336	Iamb	Iamb	00 41 39.6	
KBA	Koelnbreinsper	24.50 122	eP	P	00 41 28.2	+0.3
CONA	Conrad Observa	24.54 117	eP	P	00 41 31.1	+1.2
ARSA	Arzberg	24.97 118	eP	P	00 41 34.8	+1.1
ESDC	Sonsea Array	26.27 156	P	P	00 41 46.1	+0.5
KAZC	Malin Array Be	27.84 98	P	P	00 42 01.3	+1.8
KBAB	Khabaz	31.91 92	P	P	00 43 39.9	+2.5
YKA	Yellowknife Ar	39.20 313	P	P	00 43 38.4	+0.5
YKA	Yellowknife Ar	39.20 313	PcP	PcP	00 45 48.8	+2.0
INUK	Inuvik	39.83 329	P	P	00 43 44.3	+1.2
AKTO	Aktuyusk	40.28 73	P	P	00 43 48.0	+0.9
TOLK	Toolik Lake Re	42.73 336	P	P	00 44 09.0	+1.9
TOLK	Toolik Lake Re	42.73 336	Iamb	Iamb	00 44 10.9	
BVAR	Borovoye Array	43.19 62	P	P	00 44 12.3	+1.4
ILAR	Eielson Array	45.67 332	P	P	00 44 32.6	+2.0
ZALV	Zalesovo Beam	47.62 51	P	P	00 44 46.9	+1.0
KURK	Kurchatov	48.10 58	P	P	00 44 50.7	+1.1
KURB	Kurchatov Arra	48.14 58	P	P	00 44 51.4	+1.4
MKAR	Makanchi Array	52.71 58	P	P	00 45 25.5	+0.8
TDRI	Torodi Ar. Bea	53.16 156	P	P	00 45 28.3	+0.1
P3D1	Pinedale Array	53.17 293	P	P	00 45 28.1	-0.3
P3D1	Pinedale Array	53.17 293	Iamb	Iamb	00 45 30.0	
PDAR	Pinedale Array	53.17 293	P	P	00 45 29.9	+1.5
SONM	Songino Array	59.62 40	P	P	00 46 14.9	+0.8

IDC 01 00:41:07.8,1.1,2.79N,128.66E,h0km,mb3.4/5,
mb1 3.6/5,mb1mx3.2/54,mbtmp3.4/5,MS3.6/1,Ms1 3.6/1,
ms1mx2.4/27,Error ellipse: s-maj=75.2km
s-min=21.5km az=71.0,Halmaheera

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, BC3 Big Chuckawalk, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PPT2 Papeete2, PAE Paea, TIAR Tiarei, TVO Taravau, etc.

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

1d 6h

Table with columns: KDs, comp-Z, Station Name, IAML, Time Res, and various data points for stations like GBRB, GBRD, GBRF, etc.

NEIC 01 06:48:29.71, 0.18, 71'S; 0.09:169', 18'E; 0.10, h22km, 9km, mb4.6/31, Error ellipse: s-maj=13.5km s-min=12.4km az=126.0

NOU 01 06:48:31.0, 18.86'S; 169.16'E, h227km, MLV4.8, Vanuatu Islands

IDC 01 06:48:32.3, 1.5, 18.93'S; 169.23'E, h254km, 15km, mb3.7/12, mb1 3.9/15, mb1mx3.7/39, mbtmp4.4/15, Error ellipse: s-maj=19.3km s-min=11.1km az=155.0

ISC 01 06:48:31.9, 0.4, 18.85'S; 0.05:169.22'E, 0.06, h250km, n88, az=143/88, mb4.4/28.3D, Vanuatu Islands

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and various data points for stations like DVP, LIFNC, LIFNC, etc.

2015 JAN

Table with columns: PEAOB, Station Name, Time Res, and various data points for stations like Petropavlovsk, PETK, NIKH, etc.

IDC 01 06:54:20.0, 0.5, 3.56'N; 31.83'W, h0km, mb4.2/19, mb1 4.4/20, mb1mx4.2/41, mbtmp4.2/20, ML3.9/1, MS3.8/18, mb1 3.8/19, mb1mx3.8/41, Error ellipse: s-maj=19.9km s-min=12.5km az=151.0

NEIC 01 06:54:20.6, 1.3, 3.48'N; 0.09:31.8'W, 0.1, h10km, 1km, mb4.7/64, Error ellipse: s-maj=19.3km s-min=13.6km az=117.0

ISC 01 06:54:21.2, 0.4, 3.46'N; 0.06:31.81'W, 0.07, h10km, n156, az=147/144, mb4.6/48, MS3.8/17, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and various data points for stations like RCBR, RCBR, RCBR, etc.

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Table with columns: CFSB, Station Name, Time Res, and various data points for stations like Cacapava Do Su, Barranco-Do-Ve, Vaqueiros, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WVOR Wild Horse Pal, G08A Pilot Rock, MDPB Devils Postil, etc.

JMA 01 06:56:58.0, 1.36:42N:139.78E, h88km, 1km, M3.9
Broadband fault plane solution: P waves. NP1:
phi=351.00000, lambda=116.00000, NP2:
phi=198.00000, lambda=82.00000, Principal axes:
T Plg28.0000, Azm281.0000, N Plg8.0000,
Azm15.0000, P Plg61.0000, Azm120.0000;

NEIC 01 06:56:58.5, 2.0.36:44N:0.03:139.80E:0.07, h91km, 6km,
mb4.3/29, Error ellipse: s-maj=8.3km s-min=2.9km
az=107.0
NIED 01 06:56:58.8, 36:42N:139.78E, h88km, M4.2, Moment
Tensor solution: s3 Moment tensor: Scale 10^15Nm;
Mn:1.94; Ms:0.21; Mss:1.72; Mss:0.65; Mss:0.64; Msr:1.45;
Fault plane solution: M2.49000x10^15 NP1:
phi=184.00000, lambda=64.00000, NP2:
phi=322.00000, lambda=83.00000, lambda=127.00000;

ISC 01 06:56:59.0, 9.36:35N:139.62E, h107km, 8km, mb3.7/17,
mb1.3/9.20, mb1mx3.8/3.4, mbtmp4.0/2.0, MS3.1/3,
Ms1.3/1.3, ms1tmp3.6/56, Error ellipse: s-maj=15.9km
s-min=9.2km az=69.0

ISC 01 06:56:58.0, 4.07:36.45N:104.139:80E:0.05, h91km, 6km,
n78, c1509/89, mb4.1/27, 1C-7D, Eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAG Ashikaga, JYT Yasato, JKT Katashina, etc.

Table with columns: WB0, WB2, WRA, WBA, ABKAR, ABKAR, C36M, C36M, ASAR, YKA, FINES, LTY, GDXM, AKASG, NOA, DLMT, NVAR, MLR, PDAR, TKX, GERES, GDLZ, TXAR. Includes station names and coordinates.

IDC 01 07:12:40.5, 0.7, 11.39Sx162.45E, h0km, mb4.2/15,
mb1.4/4.19, mb1mx4.2/4.7, mbtmp3.4/3.19, ML2.0/1, MS3.5/9,
Ms1.3/6.9, ms1mx3.3/3.7, Error ellipse: s-maj=19.7km
s-min=15.7km az=93.0
NEIC 01 07:12:44.2, 2.25:1.138S:0.08:162.50E:0.09, h26km, 6km,
mb4.0/24, Error ellipse: s-maj=15.3km s-min=8.4km
az=54.0

NOU 01 07:12:45.0, 11.34S:162.60E, h46km, mb4.9, Solomon
Islands
ISC 01 07:12:45.9, 0.5, 11.38S:0.06:162.47E:0.07, h93km, n90,
c1509/78, mb4.5/25, MS3.0/59, Bougainville-Solomon
Islands region

Main station list 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.

Table with columns: FITZ, FITZ, FORT, KAPI, MEEK, BLDU, NWAO, MORW, PPTZ, KJM, MJAR, ASAJ, KSRS, USRK, CASY, VNSA, VNSA, VNSA, CMAR, SONM, QSPA, MAW, MAW, MAW, ILAR, NVAR, BELA, MK31, MK31, MKAR, YKA, TXAR, USHA, ARCES, FINES, GERES, ESDC. Includes station names and coordinates.

IDC 01 07:23:04.8, 2.46:39N:149.38E, h176km, 24km, mb3.0/9,
s-maj=3.2/14, mb1mx3.0/5.7, mbtmp3.5/14.0, Error ellipse:
s-maj=28.2km s-min=13.1km az=150.0
ISC 07:23:03.0, 0.8, 46.4N:0.1:149.5E:0.1, h158km, n20,
c1519/14, mb3.0/3, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAJ Asahikawa, PETK Petropavlovsk, USRK Ussuriysk, SEY Seymchan, KRSR Korea Array, SONM Songino Array, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1N3 WAKE ISLAND, H1H1 WAKE ISLAND, H1H3 WAKE ISLAND, H1H2 WAKE ISLAND, ILAR Eielson Array, INK Inuvik, MKAR Makanchi Array, YKA Yellowknife Ar, NVAR Mira Array, WRA Waramunga Arr, ASAR Alice Springs, STKA Stephens Creek, TXAR Lajitas Array.

NEIC 01 07:28:11.7, 1.0, 12.3S:0.1:167.1E:0.2, h248km, 8km,
mb4.3/18, Error ellipse: s-maj=23.1km s-min=15.0km
az=110.0
IDC 01 07:28:13.3, 5.0, 12.45S:167.03E, h269km, 52km, mb3.5/9,
mb1.3/7.10, mb1mx3.4/3.9, mbtmp4.0/1.0, Error ellipse:
s-maj=20.2km s-min=20.7km az=152.0
ISC 01 07:28:11.0, 6.0, 12.35S:0.08:167.1E:0.1, h250km, n32,
c089/33, mb4.1/16, Santa Cruz Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANVU Saraoutou, SANVU Mont Dzumac, EIDS Eidsvold, CTA Charters Tower, CTAA Charters Tower, ARMA Armidale, ARMA Armidale, COEN Coen, STKA Stephens Creek, STKA Stephens Creek, WRA Waramunga Arr, ASAJ Alice Springs, ASAR Alice Springs, WRAB Wrabbits, BBOO Buekoo, SIJI Sorong, WRKA Warakuma.

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	TABS	Tabas	6.67	41	ePn	Pn	08 51 33.7	+1.9	comp=Z,258nm,11.0s	Cep	Cherat	17.86	68	P	Pn	08 54 02.3	-0.1
AHBU	AHRAM	0.53	287	eP	ISC	08 50 03.7	-1.1	ILAS	Laserj	6.72	8	ePn	Pn	08 51 33.5	+0.9		KVT	Kavak	17.88	318	eP	Pn	08 54 03.1	+0.1
KAZI	Kazerun	0.94	348	eP	Pb	08 50 11.0	-1.3	ARQ	Arasji	6.79	141	P	Pn	08 51 33.9	+0.5		GUZR	Guzeripi'	17.93	331	deP	Pmax	08 54 04.1	+0.6
KAZI	Kazerun	0.94	348	eP	Pb	08 50 10.7	-1.6	IDMV	Idmeh	6.85	1	ePn	Pn	08 51 34.4	0.0		GUZR	Guzeripi'	17.93	331	deP	Pmax	08 54 04.1	+0.6
QIR1	Qir	1.06	102	eP	Pb	08 50 14.1	-0.2	IRAZ	Razeh	6.88	347	ePn	Pn	08 51 36.3	+1.6		BRTR	Corum	18.22	313	eP	P	08 54 08.3	+1.4
GHIR	Ghir-Karzin	1.07	113	Pg	Pg	08 50 15.0	+0.1	KCHF	Cheshme Sefid,	6.92	325	ePn	Pn	08 51 36.1	+0.9		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
GHIR	Ghir-Karzin	1.07	113	eP	Pg	08 50 15.2	+0.3	IFIR	Firoozkoo	6.95	6	ePn	Pn	08 51 36.9	+0.8		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
SHI	Shiraz	1.09	31	P	Pb	08 50 14.0	-0.9	IANJ	Anjilo	6.96	14	ePn	Pn	08 51 36.3	+0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
SHI	Shiraz	1.09	31	Pg	Pb	08 50 14.0	-0.9	ISHM	Shahmirzad	7.18	9	ePn	Pn	08 51 37.1	+0.3		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
SHI	Shiraz	1.09	31	Pg	Pb	08 50 13.6	-1.3	HRSR	Garheigh	7.19	336	ePn	Pn	08 51 38.3	-0.9		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JHRM	Jahrom	1.51	97	eP	Pg	08 50 23.0	-0.4	IGHG	Galeghazi	7.20	322	ePn	Pn	08 51 40.2	+1.0		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JHRM	Jahrom	1.51	97	eP	Pg	08 50 23.0	-0.4	IVIS	Veis	7.21	325	ePn	Pn	08 51 39.4	+0.2		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JHRM	Jahrom	1.51	97	eP	Pg	08 50 53.2	0.0	QABG	Abgarm-Qazvin	7.25	345	ePn	Pn	08 51 39.9	+0.1		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
LMD1	Lamerd	1.78	140	Pn	Pb	08 50 27.0	+0.4	ILIN	Lien	7.47	327	ePn	Pn	08 51 43.8	+0.9		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
LMD1	Lamerd	1.78	140	eP	Pb	08 50 26.6	0.0	IPRN	Peran	7.52	3	ePn	Pn	08 51 43.1	-0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
LAR1	LAR	2.44	114	Pn	Pn	08 50 35.0	+1.4	NHDN	Nehbandan	7.58	67	ePn	Pn	08 51 45.3	+1.0		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
LAR1	LAR	2.44	114	ePn	Pn	08 50 35.3	+1.7	IDHR	Dehrash	7.58	323	ePn	Pn	08 51 44.4	0.0		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
LAR1	LAR	2.44	114	ePn	Pn	08 51 34.6	0.0	BIDO	Bidbid	7.63	131	ePn	Pn	08 51 46.0	+1.0		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
IRAM	Ramesheh	3.12	8	ePn	Pn	08 50 44.0	+0.9	BSY	BSiyah	7.64	140	P	Pn	08 51 45.4	+0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
QRN	Al-Qurain	3.47	272	ePn	Pn	08 50 48.0	0.0	BSY	BSiyah	7.64	140	P	Pn	08 51 45.4	+0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
ISAD	Sadrabad	3.56	26	ePn	Pn	08 50 52.3	+3.1	RAYN	Ar Rayn	7.71	229	iP	Sn	08 53 11.0	-0.3		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
IMEH	Mehriz	3.58	41	ePn	Pn	08 50 51.6	+2.2	RAYN	Ar Rayn	7.71	229	Pn	Pn	08 51 45.8	-0.2		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
GHAMEH	Ghameh	3.69	2	ePn	Pn	08 50 51.1	0.0	RAYN	Ar Rayn	7.71	229	Pn	Pn	08 51 45.6	-0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
KBD	Kabd	3.69	278	ePn	Pn	08 50 51.1	0.0	RAYN	Ar Rayn	7.71	229	Pn	Pn	08 51 45.6	-0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
SHK1	Shahrekor	3.71	347	ePn	Pn	08 50 52.7	+1.5	AFRZ	Afriz	7.72	51	ePn	Pn	08 51 46.7	+0.4		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
UMR	Umm Al-Rimmam	3.73	284	ePn	Pn	08 50 52.0	0.0	QALM	Alamut, Qazvin	7.77	353	ePn	Pn	08 51 47.8	+0.8		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
RDF	Al-Radifath	3.80	274	ePn	Pn	08 50 52.9	0.0	IGZV	Ghazvin	7.78	350	ePn	Pn	08 51 48.9	+1.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
AHWZ	Ahwaz	3.83	314	ePn	Pn	08 50 54.2	+1.6	SMGD	Samad	7.91	134	P	Pn	08 51 49.0	+0.1		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 55.2	+2.2	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	11	S	Sn	08 53 18.8	+0.7		BRTR	Keskin Array B	18.62	311	eP	P	08 54 11.4	+0.1
JRN	Darnain Island	3.85	167	Pn	Pn	08 50 54.8	+1.8	SMDO	SNR=110	7.95	1													

Table with columns: VSR, VSR, comp-Z, eS, S, 08 59 30.1 -1.2, etc. Lists various astronomical objects and their properties.

Table with columns: BUR08, ARU, comp-Z, 28.01 320, P, P, 08 55 43.1 -1.5, etc. Lists astronomical objects with specific coordinates and magnitudes.

Table with columns: WMQ, comp-Z, 2.840nm, 28.9s, LR, LR, 08 56 21.3 -1.3, etc. Lists astronomical objects with various parameters and magnitudes.

ATKA	Ugalegorsk	13.65	93	Pn	P	09 45 22.1	-0.4
UGL	UGL	14.38	254	eS	Pmax	09 45 30.4	-0.1
UGL	UGL					09 48 04.0	+2.0
UGL	UGL	comp=Z,94nm,1.1s			MLR	MLR	
UGL	UGL	comp=Z,2um,21.0s			MLR	MLR	
UGL	UGL	comp=N,3um,15.0s			MLR	MLR	
YSS	Yuzh-Sakhalins	15.28	246	ijP	P	09 45 40.3	-0.3
YSS	Yuzh-Sakhalins				MLR	MLR	
YSS	Yuzh-Sakhalins	15.28	246	P	P	09 45 40.9	+0.3
YSS	Yuzh-Sakhalins				IAMB	IAMB	
GRNR	Gorny	16.73	266	ijP	P	09 45 57.1	+0.5
GRNR	GRNR				eS	S	09 49 06.0
GRNR	GRNR				Pmax	Pmax	-3.3
GRNR	GRNR	comp=E,10.0nm,0.8s					
GRNR	GRNR	comp=N,8.0nm,0.7s					
GRNR	GRNR	comp=Z,20nm,0.8s					
GRNR	GRNR	comp=E,1.0nm,0.6s					
GRNR	GRNR	comp=E,340nm,12.0s					
GRNR	GRNR	comp=N,350nm,13.0s					
GRNR	GRNR	comp=Z,620nm,14.0s					
JKA	Kamikawa-asahi	17.32	239	P	Pn	09 46 00.8	-1.3
ASAJ	Asahikawa	17.32	239	P	P	09 46 02.1	-0.1
ASAJ	Asahikawa	comp=Z,1.3nm,0.3s,baz=78,slow=6.2,SNR=15			LR	LR	09 52 56.2
ASAJ	Asahikawa	comp=Z,699nm,18.0s,baz=46,slow=38			LR	LR	09 46 00.9
ASAJ	Asahikawa	17.32	239	P	Pn	09 46 00.9	-1.2
UNV	Unalaska Valle	17.52	82	Pn	Pn	09 46 04.7	+0.2
UNV	UNV				IAMB	IAMB	09 46 17.7
AKUT	Akutan	17.85	81	Pn	Pn	09 46 09.3	+0.7
AKUT	AKUT				IAMB	IAMB	09 46 23.3
YAK	Yakutsk	18.61	305	P	Pn	09 46 17.2	-0.5
YAK	Yakutsk	comp=Z,0.1nm,0.3s,baz=264,slow=2.4,SNR=37			LR	LR	09 53 36.5
YAK	Yakutsk	comp=Z,255nm,18.8s,baz=98,slow=38			LR	LR	09 46 16.5
YAK	Yakutsk	18.61	305	eS	Pn	09 49 36.6	-7.9
YAK	YAK				Pmax	Pmax	
YAK	YAK	comp=Z,88nm,0.9s					
YAK	YAK	comp=E,29nm,1.1s					
YAK	YAK	comp=N,10.0nm,1.0s					
YAK	YAK	comp=N,182nm,3.7s					
YAK	YAK	comp=E,166nm,3.4s					
YAK	Yakutsk	18.61	305	P	IAMB	09 46 15.9	-1.3
ERM	Ermo	18.66	233	eP	P	09 46 15.7	-2.2
ERM	ERM	18.66	233	P	P	09 46 15.2	-2.7
ERM	ERM	comp=Z,81nm,1.4s			IAMB	IAMB	09 46 24.2
JEW	Eniwo	18.83	238	P	P	09 46 19.1	-0.7
JEW	JEW	comp=Z,127nm,1.4s			IAMB	IAMB	09 46 22.9
TEY	Ternei	19.79	250	eP	Pn	09 46 31.4	-0.6
KLR	Kul'dur	20.11	266	P	P	09 46 31.2	-2.6
KLR	KLR	comp=Z,0.1nm,0.3s,baz=357,slow=13,SNR=3.1			LR	LR	09 55 48.0
RDOG	Red Dog Mine	20.22	37	P	Pn	09 46 38.2	+1.3
ZEA	Zeya	20.86	281	eP	Pn	09 46 46.3	+1.9
ZEA	ZEA	comp=E,500nm,13.0s			MLR	MLR	
ZEA	ZEA	comp=Z,600nm,15.0s			MLR	MLR	
TTA	Tatalina	21.96	53	P	Pmax	09 46 55.7	+2.1
TTA	TTA	comp=Z,17nm,1.2s					
TTA	Tatalina	21.96	53	P	P	09 46 55.7	+2.1
TIXI	Tiksi	22.03	331	eP	P	09 46 53.9	-0.3
TIXI	TIXI	comp=Z,110nm,1.3s			Pmax	Pmax	
TIXI	Tiksi	22.03	331	P	IAMB	09 46 54.5	+0.3
TIXI	TIXI	comp=Z,23nm,0.9s			IAMB	IAMB	09 47 11.7
USRK	Ussuriysk Ar.	22.85	254	P	P	09 47 00.9	-2.3
USRK	USRK	comp=Z,2.7nm,0.7s,baz=51,slow=13,SNR=8.6			LR	LR	09 56 27.8
JMM	Marumori	23.08	231	P	P	09 47 06.3	+0.8
JMM	JMM	comp=Z,713nm,18.1s,baz=49,slow=38			IAMB	IAMB	09 47 12.0
RSO	Redoubt South	23.62	59	P	P	09 47 14.1	+3.1
OHAK	Old Harbor	23.93	67	P	P	09 47 13.4	-0.2
SKT	Skwentna	24.06	55	P	P	09 47 17.0	+2.2
KDKA	Kodiak Island	24.17	66	P	P	09 47 16.0	+0.2
KDKA	KDKA	comp=Z,6.7nm,0.6s,baz=281,slow=3.4,SNR=14			LR	LR	09 56 46.1
KDKA	Kodiak Island	24.17	66	P	P	09 47 15.6	-0.2
KDKA	KDKA	comp=Z,13nm,0.9s			Pmax	Pmax	
KDKA	Kodiak Island	24.17	66	P	P	09 47 16.7	+0.8
KDKA	Kodiak Island	24.17	66	P	IAMB	09 47 15.6	-0.2
KDKA	KDKA	comp=Z,13nm,0.9s			IAMB	IAMB	09 47 24.2
BPAW	Bear Paw Mtn.	24.23	50	P	P	09 47 17.8	+1.4
KTH	Kantishna Hill	24.26	51	P	P	09 47 18.1	+1.4
KTH	KTH	comp=Z,2.1nm,1.1s			IAMB	IAMB	09 47 32.2
MLY	Manley	24.35	48	P	P	09 47 18.7	+1.2
SUA	Susitna One	24.48	56	P	P	09 47 19.3	+0.5
SUA	SUA	comp=Z,25nm,0.9s			IAMB	IAMB	09 47 35.0
CNPM	China Poot	24.51	61	P	P	09 47 19.3	+0.3
CNPM	CNPM	comp=Z,30nm,1.0s			IAMB	IAMB	09 47 26.4
TRF	Thorofare Moun	24.55	52	P	P	09 47 20.8	+1.3
CUF	Chulitna	24.62	54	P	P	09 47 21.6	+1.8
BRLK	Bradley Lake	24.64	61	P	P	09 47 21.9	+1.7
BRLK	BRLK	comp=Z,19nm,0.8s			IAMB	IAMB	09 47 32.7
COLD	Coldfoot	24.72	42	P	P	09 47 21.8	+1.0
COLD	Coldfoot	comp=Z,264,SNR=26					
COLD	Coldfoot	24.72	42	P	IAMB	09 47 21.5	+0.7
COLD	Coldfoot	comp=Z,13nm,0.8s			IAMB	IAMB	09 47 41.0
BWN	Browne	24.89	50	P	P	09 47 25.1	+2.7
I23K	Minto, Yukon-K	24.93	47	P	P	09 47 24.4	+1.7
I23K	Minto, Yukon-K	24.93	47	P	P	09 47 24.9	+2.2
I23K	I23K	comp=Z,32nm,1.2s			IAMB	IAMB	09 47 31.0
NEA2	Nenana	25.06	49	P	P	09 47 25.1	+1.2
O22K	Cooper Landing	25.10	59	P	P	09 47 25.5	+1.2
TOLK	Toolik Lake Re	25.13	39	P	P	09 47 25.2	+0.6
TOLK	Toolik Lake Re	25.13	39	P	P	09 47 24.9	+0.3
TOLK	TOLK	comp=Z,11nm,0.8s			IAMB	IAMB	09 47 28.7
MCK	Nickinley	25.14	51	P	P	09 47 26.1	+1.5
RND	Reindeer	25.20	52	P	P	09 47 25.0	-0.2
RND	RND	comp=Z,16nm,1.0s			Pmax	Pmax	
RND	Reindeer	25.20	52	P	P	09 47 24.9	-0.2
RND	RND	comp=Z,16nm,1.0s			IAMB	IAMB	09 47 31.5
SEW	Seward	25.30	59	P	P	09 47 29.2	+3.1
SEW	SEW	comp=Z,16nm,1.0s			IAMB	IAMB	09 47 48.7

MJB9	Matsu-Tunnel	25.33	233	P	P	09 47 27.6	+1.0
MAJO	Matsushiro	25.33	233	eP	P	09 47 27.6	+1.0
MAJO	MAJO	comp=Z,73nm,1.0s			Pmax	Pmax	
MAJO	Matsushiro	25.33	233	P	P	09 47 27.8	+1.2
MAT	Matsushiro	25.33	233	P	P	09 47 27.6	+1.0
MAT	MAT	comp=Z,22nm,1.2s			eS	S	09 51 51.4
MJAR	Matsushiro Arr	25.33	233	P	P	09 47 27.4	+0.8
MJAR	MJAR	comp=Z,53nm,0.8s,baz=24,slow=7.6,SNR=80			LR	LR	09 57 43.1
MDM	Murphy Dome	25.41	48	P	P	09 47 28.9	+1.8
WRH	Wood River Hill	25.48	49	P	IAMB	IAMB	09 47 28.9
WRH	WRH	comp=Z,22nm,1.2s			IAMB	IAMB	09 47 35.4
TCOL	CIGO, UAF Yank	25.57	48	P	P	09 47 29.7	+1.2
COLA	College	25.58	48	eP	P	09 47 30.7	+2.2
COLA	COLA	comp=Z,7.0nm,1.0s			Pmax	Pmax	
COLA	College	25.58	48	P	P	09 47 29.1	+0.6
COLA	Knik Glacier	25.58	56	P	P	09 47 29.5	+0.9
KNK	KNK	comp=Z,41nm,1.4s			IAMB	IAMB	09 47 36.1
SML	Sawmill	25.59	55	P	P	09 47 29.7	+1.0
SML	SML	comp=Z,16nm,0.9s			IAMB	IAMB	09 47 45.6
CCB	Clear Creek Bu	25.60	49	P	P	09 47 29.7	+0.9
POKR	Poker Plat Res	25.75	48	P	P	09 47 32.1	+1.9
POKR	POKR	comp=Z,279					
HDA	Poker Plat Res	25.75	48	P	P	09 47 32.2	+2.1
HDA	Harding Lake	25.98	49	P	P	09 47 33.8	+1.5
ILAR	Eielson Array	25.99	48	P	P	09 47 33.5	+1.1
ILAR	ILAR	comp=Z,4.0nm,0.8s,baz=262,slow=8.4,SNR=28			LR	LR	09 58 07.9
M24K	Tolsona, Glenn	26.55	54	P	P	09 47 39.2	+1.7
M24K	M24K	comp=Z,144nm,18.8s,baz=282,slow=37					
BOD	Tolsona, Glenn	26.55	54	eP	P	09 47 39.1	+1.7
BOD	Doaibo	26.84	296	eP	Pmax	09 47 37.7	-2.3
BOD	BOD	comp=Z,17nm,1.6s			Pmax	Pmax	
INU	Inuyama	26.86	233	P	P	09 47 41.8	+1.4
RIDG	Independent Ri	26.95	51	P	P	09 47 42.0	+0.9
SCRK	Sand Creek	27.31	50	P	P	09 47 45.1	+0.8
SCRK	SCRK	comp=Z,277,SNR=7.5					
DOT	Dot Lake	27.31	51	P	P	09 47 43.8	-0.5
N25K	Chitina, Valde	27.37	55	P	P	09 47 46.3	+1.4
N25K	N25K	comp=Z,279					
N25K	Chitina, Valde	27.37	55	P	P	09 47 46.2	+1.4
JHJ	Hachijo jima 2	27.54	226	LR	LR	09 58 13.0	
JHJ	JHJ	comp=Z,279nm,19.6s,baz=30,slow=35					
RAGM	Ragged Mountai	27.58	58	P	IAMB	09 47 48.1	+1.4
RAGM	RAGM	comp=Z,32nm,1.2s			IAMB	IAMB	09 48 06.5
JWT	Wachi	27.67	236	P	P	09 47 47.8	+0.1
YBK	Log Cabin Wild	27.71	52	P	P	09 47 49.7	+1.8
YBK	YBK	comp=Z,279					
K27K	Chicken	28.14	50	P	P	09 47 53.2	+1.6
K27K	K27K	comp=Z,278					
EGAK	Chicken	28.14	50	P	P	09 47 52.2	+0.6
EGAK	EGAK	comp=Z,278					
CTGM	Chitina Glacie	28.44	48	P	P	09 47 53.9	-0.4
KSRS	Korea Array	29.05	56	P	P	09 48 01.4	+1.5
KSRS	KSRS	comp=Z,3.0nm,0.8s,baz=44,slow=8.7,SNR=7.2					
EPYK	Eagle Plains	30.06	44	P	P	09 48 09.5	+0.8
EPYK	EPYK	comp=Z,279					
HYT	Haines Junctio	30.89	55	P	P	09 48 18.0	+1.9
INK	Inuvik	31.04	40	P	P	09 48 18.3	+1.2
INK	INK	comp=Z,1.2nm,0.6s,baz=277,slow=10.0,SNR=3.3					
WHY	Whitehorse	32.17	55	P	P	09 48 27.3	-0.1
JIS	Juneau Island	32.24	59	P	IAMB	09 48 37.6	+1.0
JIS	JIS	comp=Z,26nm,1.2s			IAMB	IAMB	09 48 53.5
C36M	Paulatuk	34.23	37	P	P	09 48 45.8	+0.8
C36M	C36M	comp=Z,284,SNR=6.6					
TLY	Talaya	34.76	290	eP	Pmax	09 48 49.1	-0.8
TLY	TLY	comp=Z,5.0nm,0.8s			Pmax	Pmax	
ULN	Ulaanbaatar	34.89	282	eP	P	09 48 51.8	+0.6
ULN	ULN	comp=Z,1.0nm,0.8s			Pmax	Pmax	
SONM	Songino Array	35.27	282	P	P	09 48 53.6	-0.9
SONM	SONM	comp=Z,1.2nm,0.5s,baz=60,slow=7.7,SNR=12					
SONM	SONM	comp=Z,3.9nm,0.8s,baz=58,slow=1.6,SNR=10					
SONM	SONM	comp=Z,258nm,18.1s,baz=123,slow=39			LR	LR	10 05 01.6
DLBC	Dease Lake	35.29	57	P	P	09 48 56.8	+2.3
DLBC	DLBC	comp=Z,4.0nm,0.8s,baz=286,slow=11.1,SNR=11					
DLBC	Dease Lake	35.29					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SQA, OBKA, MYKA, ABTA, FETA, BRTR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRU, SMCO, P17A, PNTR, NLU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G08A, G08A, EGMT, EGMT, etc.

GCMT 01 09:47:43.0, 0.3, 13.45S:0.02:111.99W:0.02, h17km, 1km, MW4.8/101, Moment Tensor Solution. s25, s32, s101, c123. Duration: 0. Moment tensor: Scale 1016 Nm...

NEIC 01 10:07:05.8, 2.3, 11.8S:0.1:111.05W:0.05, h10km, 2km, mb4.7/60. Error ellipse: s-maj=22.8km s-min=8.1km az=183.0

NEIC 01 10:07:04.0, 0.9, 11.8S:0.1:111.1W:0.2, h10km, n74, c148/57, mb4.6/33, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RKT, TAOE, PPT2.

NEIC 01 10:08:27.2, 2.4, 13.7S:0.1:111.9W:0.2, h10km, 1km, mb4.8/55. Error ellipse: s-maj=31.8km s-min=15.2km az=67.0

GCMT 01 10:08:27.0, 4.0, 13.40S:0.02:111.92W:0.02, h24km, 1km, MW4.9/90, Moment Tensor Solution. s24, c25, s90, c108...

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

GCMT 01 10:08:27.0, 4.0, 13.6S:0.2:112.0W:0.2, h10km, n78, c156/59, mb4.8/29, MS3.9/6, Central East Pacific Rise

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATAH, PETF, H03N2, etc.

GCMT 01 10:24:14.3, 3.6, 9.75N:123.91E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.2/50, mbtmp3.4/3, Error ellipse: s-maj=360.2km s-min=27.8km az=64.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HPIG, 833A, TX31, etc.

GCMT 01 10:24:18.4, 8.66N:121.51E, h33km, mb4.5, ML3.3, MS3.1, IS0 01 10:24:20.1, 1.0, 8.64N:105.12147E:0.06, h35km, n10, c172/16, mb3.4/3, 1C-2D, Mindanao

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TX32, TXAR, MT05, etc.

GCMT 01 10:25:34.0, 38.42N:20.46E, h12km, 1km, ML1.5/3, Error ellipsoid: s-maj=1.2km s-min=0.3km az=116.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNTX, 435B, SDV, etc.

GCMT 01 10:25:34.2, 38.42N:20.47E, h12km, 1km, ML2.0, Error ellipse: s-maj=2.5km s-min=0.7km az=115.0, Greece

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHTX, ABTX, Y22D, etc.

GCMT 01 10:25:34.0, 38.42N:20.46E, h12km, 1km, ML1.5/3, Error ellipsoid: s-maj=1.2km s-min=0.3km az=116.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSTX, ANMO, W13A, etc.

GCMT 01 10:25:34.0, 38.42N:20.47E, h12km, 1km, ML2.0, Error ellipse: s-maj=2.5km s-min=0.7km az=115.0, Greece

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Z35A, WUAZ, SAML, etc.

GCMT 01 10:25:34.0, 38.42N:20.46E, h12km, 1km, ML1.5/3, Error ellipsoid: s-maj=1.2km s-min=0.3km az=116.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X37A, KNB, OKCFA, etc.

GCMT 01 10:25:34.0, 38.42N:20.47E, h12km, 1km, ML2.0, Error ellipse: s-maj=2.5km s-min=0.7km az=115.0, Greece

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W41B, LHV, CMB, etc.

GCMT 01 10:25:34.0, 38.42N:20.46E, h12km, 1km, ML1.5/3, Error ellipsoid: s-maj=1.2km s-min=0.3km az=116.0

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

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSDA Pessada-Kefalo, NYDR Nydri-Lefkada, LK2D Lefkada island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIE Niedzica, EGYH Egyhazaskeszo, PLMLH Magyarország, etc.

IPCC 01 10:27:44.9.0.1, 48.04N, 19.45E, h13km, 1km, ML 1.5/3, Error ellipse: s-maj=1.4km s-min=0.5km az=27.0

BEO 01 10:45:55.2.0.5, 48.17N, 19.54E, h0km, ML3.9/13, IDC 01 10:45:56.4.0.9, 47.95N, 19.37E, h0km, mb3.6/5,

ZST Bratislava 1.54 277 eP, ZST Bratislava 1.54 277 eP, ZST Bratislava 1.54 277 Pn

Main table section 1: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSZ Piszkesteto, BUD Budapest, SRO Srobarova, KECS Kecovo, etc.

Main table section 2: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSZ Piszkesteto, BUD Budapest, SRO Srobarova, KECS Kecovo, etc.

Main table section 3: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZST Bratislava, CRVS Cervenica-Dubn, LTVH Ltvartves, Hu, etc.

IDC 01 10:39:39.3.2.6, 6.41S, 130.23E, h119km, 32km, mb3.5/4, mb1 3.7/8, mb1mx3.4/42, mbtmp.0/8, MS3.5/2, Ms1 3.5/2, ms1mx2.8/30, Error ellipse: s-maj=56.7km s-min=20.0km az=87.0

ISOC 01 10:39:36.3.0.8, 6.51S, 130.06E, 0.1, h100km, n10, z=264/13, mb3.7/4, Banda Sea

VRAC Vranov 2.25 305 Pn, VRAC Vranov 2.25 305 Pn, VRAC Vranov 2.25 305 Pn

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIJI Sorong, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIJI Sorong, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIRR Siria, BEHE Becsehely, BEHE Becsehely, CONA Conrad Observa, etc.

CONA	comp=Z,33nm,0.3s	Sn	Sn	10 47 05.6	-0.4
DRGR	comp=Z,98nm,0.4s	Pn	Pn	10 46 38.7	-1.0
DRGR		ePn	Pn	10 46 38.4	-1.2
DRGR		Pn	Pn	10 46 38.4	-1.2
DRGR		Pn	Pn	10 46 38.6	-1.0
DRGR	comp=Z,1.9nm,SNR=12	Sn	Sn	10 47 08.8	-2.1
TIM	Timisoara	2.62 151	↑P	10 47 12.9	+1.0
TIM		↑S	Pn	10 46 39.9	-0.2
TIM	Timisoara	2.62 151	Pn	10 47 12.9	+1.0
TIM		S	Pn	10 46 41.3	+0.5
KOGS	Kog	2.67 235	i Pn	10 47 13.8	+0.8
KOGS		i /Sn	Pn	10 46 41.3	+0.8
KOGS		eP	Pn	10 46 41.3	+0.4
KRLC	Kraliky	2.67 321	eP	10 47 13.3	
KRLC		e	Pn	10 46 41.3	+0.4
KRLC	Kraliky	2.67 321	ePn	10 47 13.3	+0.1
KRLC		eSn	Pn	10 47 13.3	+0.1
KRLC	Kraliky	2.67 321	Pn	10 47 13.3	+0.1
ARSA	Arzberg	2.73 255	eSn	10 46 41.9	+0.1
ARSA		Pn	Pn	10 46 41.8	+0.1
ARSA	comp=Z,5.7nm,0.4s	eSn	Sn	10 47 14.2	-0.5
ARSA	Arzberg	2.73 255	Pn	10 46 41.8	+0.1
ARSA	comp=Z,0.5nm,SNR=5.8	Pg	Pg	10 46 49.7	-0.7
ARSA		Sn	Pn	10 47 14.2	-0.5
ARSA	comp=Z,5.7nm,0.4s	Sn	Sb	10 47 14.5	-5.8
ARSA	Arzberg	2.73 255	ePn	10 46 41.8	+0.1
KALN	Kalnik	2.77 228	ePn	10 46 41.5	-0.8
KALN		2.77 228	Pn	10 46 41.5	-0.8
BMR	Baia Mare	2.79 96	↑P	10 47 14.9	-1.1
BMR		2.79 96	↓S	10 47 14.9	-1.1
BMR	Baia Mare	2.79 96	Pn	10 46 41.4	-1.0
BMR		S	Pn	10 47 14.9	-1.1
BZS	Buzias	2.86 147	↑P	10 46 42.4	-1.1
BZS		2.86 147	ePn	10 46 42.4	-1.1
BZS	Buzias	2.86 147	Pn	10 46 42.4	-1.1
BZS		2.86 147	Pn	10 46 42.4	-1.1
BZS	comp=Z,0.6nm,SNR=6.7	Pg	Pg	10 46 53.2	+0.4
TREC	Trest	2.88 297	eP	10 46 43.1	-0.7
TREC		2.88 297	Pn	10 47 17.9	-0.5
TREC	Trest	2.88 297	ePn	10 46 43.1	-0.7
TREC		eSn	Pn	10 47 17.9	-0.5
TREC	Trest	2.88 297	Pn	10 46 43.1	-0.7
TREC		Sn	Pn	10 47 17.9	-0.5
FRGS	Fruska Gora	2.89 174	ePn	10 46 43.3	-0.7
FRGS		2.89 174	Pn	10 46 43.3	-0.7
FRGS	Fruska Gora	2.89 174	Pn	10 46 43.3	-0.7
FRGS		Pn	Pn	10 46 43.3	-0.7
BANR	Banloc	2.91 155	↑P	10 46 43.8	-0.3
BANR		2.91 155	↓S	10 47 18.1	-1.0
BANR	Banloc	2.91 155	Pn	10 46 43.8	-0.3
BANR		S	Pn	10 47 18.1	-1.0
BANR	Dobruska-Polom	3.07 320	ePn	10 46 46.5	+0.2
BANR		eSg	Pn	10 47 34.8	-1.8
DPC	Dobruska-Polom	3.07 320	Pn	10 46 46.5	+0.2
DPC		SG	Pn	10 47 34.8	-1.8
GROS	Grobnik	3.08 241	i Pn	10 46 46.5	-0.1
GROS		i /Sn	Pn	10 47 21.8	-1.7
GROS	Grobnik	3.08 241	Pn	10 46 46.5	-0.1
GROS		Sn	Pn	10 47 21.8	-1.7
CJR	Cluj-Napoca	3.15 113	↑P	10 46 47.2	-0.3
CJR		3.15 113	Pn	10 46 47.2	-0.3
PTJ	Puntiarjka	3.17 229	ePn	10 46 47.2	-0.6
PTJ		3.17 229	Pn	10 46 47.2	-0.6
ZAG	Zagreb	3.21 228	ePn	10 46 49.2	+0.9
ZAG		3.21 228	ePn	10 46 49.1	+0.8
ZAG	Zagreb	3.21 228	Pn	10 46 49.1	+0.8
ZAG		Pn	Pn	10 46 49.2	+0.9
ZAG	Deva	3.23 131	↑P	10 46 47.5	-0.6
ZAG		3.23 131	↓S	10 47 25.8	-1.0
DEV	Deva	3.23 131	Pn	10 46 47.5	-0.6
DEV		S	Pn	10 47 25.8	-1.0
PERS	Pernice	3.23 246	i Pn	10 46 49.9	+0.4
PERS		3.23 246	i /Sn	10 47 26.3	-0.8
PERS	Pernice	3.23 246	Pn	10 46 49.9	+0.4
PERS		Pn	Pn	10 47 26.3	-0.8
SOKA	Soboth	3.26 247	Pn	10 46 48.8	-0.2
SOKA		3.26 247	eSn	10 47 27.4	-0.5
SOKA	comp=Z,3.0nm,0.4s,SNR=9.9	eSn	Sn	10 46 48.8	-0.2
SOKA	Soboth	3.26 247	Pn	10 46 48.8	-0.2
SOKA		3.26 247	Sn	10 47 27.4	-0.5
SOKA	comp=Z,2.0nm,0.4s	eSn	Pn	10 46 49.3	+0.2
SOKA	Ostas	3.27 322	ePn	10 46 49.3	+0.2
SOKA		3.27 322	Pn	10 46 49.3	+0.2
SOKA	Ostas	3.27 322	Pn	10 46 49.3	+0.2
SOKA		Pn	Pn	10 46 49.3	+0.5
UPC	Uvice	3.32 319	ePn	10 46 49.3	+0.5
UPC		3.32 319	ePn	10 46 49.3	+0.5
UPC	Uvice	3.32 319	Pn	10 46 49.3	+0.5
UPC		Pn	Pn	10 46 49.3	+0.5
CHVC	Chvalec	3.36 321	Pn	10 46 50.9	+0.5
CHVC		3.36 321	Pn	10 46 51.7	+0.1
MOA	Molin	3.45 269	ePn	10 46 51.8	+0.1
MOA		3.45 269	Molin	10 47 33.2	+0.7
MOA	comp=Z,5.6nm,0.3s,SNR=28	eSn	Sn	10 47 33.2	+0.7
MOA	Molin	3.45 269	Pn	10 46 51.8	+0.1
MOA		3.45 269	Pn	10 47 33.2	+0.7
MOA	comp=Z,0.4nm,0.1s	eSn	Pn	10 46 51.8	+0.1
MOA	Molin	3.45 269	Pn	10 46 51.8	+0.1
MOA		3.45 269	Pn	10 46 51.8	+0.1
MOA	comp=Z,0.4nm,0.1s	eSn	Pn	10 46 51.8	+0.1
MOA	Molin	3.45 269	Pn	10 46 51.8	+0.1
MOA		3.45 269	Pn	10 46 51.8	+0.1
KSP	Ksiaz	3.46 325	ePn	10 47 04.6	+0.3
KSP		3.46 325	eSg	10 47 34.3	+1.6
KSP	Ksiaz	3.46 325	Pn	10 47 04.6	+0.3
KSP		3.46 325	Pn	10 47 34.3	+1.6
KSP	comp=Z,0.3nm,SNR=6.0	Pg	Pg	10 47 04.6	+0.3
KSP		Pg	Pn	10 47 34.3	+1.6
KSP		Sg	Pn	10 47 34.2	-1.1
KSP		Sg	Pn	10 47 50.8	+1.7
CRES	Cresnjevi	3.49 232	ePn	10 46 51.9	-0.2
ARCR	ARCALIA	3.49 104	↑P	10 46 52.5	+0.4
ARCR		3.49 104	Pn	10 46 52.5	+0.4
ARCR	ARCALIA	3.49 104	Pn	10 46 52.5	+0.4
ARCR		Pn	Pn	10 46 51.9	-0.2
TEKS	Tekeris	3.49 178	ePn	10 46 51.9	-0.2
TEKS		3.49 178	ePn	10 46 51.9	-0.2
TEKS	Tekeris	3.49 178	Pn	10 46 51.0	-1.2
TEKS		3.49 178	Pn	10 46 51.9	-0.2
TEKS		3.49 178	Pn	10 46 51.0	-1.2
TEKS		3.49 178	Pn	10 46 51.9	-0.2
TEKS		3.49 178	Pn	10 46 51.0	-1.2
GZR	Gura Zlata	3.52 137	↑P	10 47 35.5	+2.1
GZR		3.52 137	ePn	10 46 52.2	-0.4
GZR	Gura Zlata	3.52 137	Pn	10 46 52.2	-0.4
GZR		3.52 137	Pn	10 46 52.1	-0.5
LVV	L'vov	3.54 58	eP	10 46 52.2	-0.4
LVV		3.54 58	eS	10 46 50.0	-2.8
LVV		3.54 58	MLR	10 47 31.5	-3.1
LVV	comp=N,1µm,5.5s	MLR	MLR	10 46 50.0	-2.8
LVV	comp=E,1µm,5.5s	MLR	MLR	10 47 31.5	-3.1
LVV	comp=Z,2µm,5.6s	MLR	MLR	10 46 50.0	-2.8
LVV	L'vov	3.54 58	P	10 46 50.0	-2.8
LVV		3.54 58	S	10 47 31.5	-3.1
LVV	Banja Luka	3.63 206	ePn	10 46 53.5	-0.5
LVV		3.63 206	eSg	10 47 54.2	-0.5
LVV	Banja Luka	3.63 206	Pn	10 46 53.5	-0.5
LVV		3.63 206	Pn	10 46 53.5	-0.5
LVV	Banja Luka	3.63 206	Pn	10 46 53.5	-0.4
LVV		3.63 206	Pn	10 46 53.6	-0.4
BLV	Bly	10 47 05.5	-1.9		
BLV		10 47 54.2	-0.2		
BLV		10 46 53.7	-0.4		
BLV		10 47 36.8	-0.1		
MDVR	Moldovita	3.63 153	↑P	10 46 52.9	-1.2
MDVR		3.63 153	ePn	10 46 53.7	-0.4
MDVR	Moldovita	3.63 153	Pn	10 46 53.7	-0.4
MDVR		3.63 153	Pn	10 46 53.7	-0.4
MDVR		3.63 153	Pn	10 46 54.6	+0.4
OBKA	Obir	3.63 247	Pn	10 47 36.6	-0.5
OBKA		3.63 247	eSn	10 46 54.6	+0.4
OBKA	comp=Z,2.8nm,0.4s	eSn	Sn	10 47 36.6	-0.5
OBKA	Obir	3.63 247	Pn	10 46 54.6	+0.4
OBKA		3.63 247	Pn	10 46 54.6	+0.4

OBKA	comp=Z,0.3nm,SNR=3.4	Sn	Sn	10 47 36.6	-0.5
OBKA	comp=Z,28nm,0.4s	Sn	Sn	10 47 36.7	-0.4
OBKA	Obir	3.63 247	ePn	10 46 54.6	+0.4
PRU	Pruhonic	3.74 303	ePn	10 46 55.1	-0.5
PRU		3.74 303	e	10 47 38.9	
PRU	Pruhonic	3.74 303	ePn	10 46 55.1	-0.5
PRU		eSn	Pn	10 47 38.9	-0.7
PRU		Pn	Pn	10 46 55.1	-0.5
BOJS	Bojanci	3.81 230	Pn	10 46 56.7	+0.2
BOJS		3.81 230	ePn	10 46 56.7	+0.2
PRA	Prague	3.84 304	ePn	10 46 56.8	-0.2
PRA		3.84 304	ePn	10 46 56.8	-0.2
GERES	GERESS Array S	3.88 284	ePn	10 46 57.8	+0.3
GERES		3.88 284	Pn	10 46 57.8	+0.3
GERES	comp=Z,9.7nm,0.3s,baz=98,slow=14,SNR=464	Sn	Sn	10 47 43.1	+0.1
GERES	comp=Z,2.1nm,0.3s,baz=100,slow=14,SNR=15	LR	LR	10 48 08.5	
GERES	comp=Z,3.7nm,20.6s,baz=47,slow=34	LR	LR	10 46 57.8	+0.3
GERES	GERESS Array B	3.88 284	Pn	10 47 43.1	+0.1
GERES		3.88 284	Pn	10 46 57.8	+0.3
GERES	comp=Z,2.1nm,0.3s	Sn	Sn	10 48 08.5	
GERES		LR	LR	10 48 08.5	
TRUS	Trudej	3.88 169	ePn	10 46 57.1	-0.4
TRUS		3.88 169	Pn	10 46 57.1	-0.4
LJU	Ljubljana	3.88 241	ePn	10 46 58.3	+0.8
LJU		3.88 241	ePn	10 46 58.4	+0.9
LJU	Ljubljana	3.88 241	Pn	10 46 58.4	+0.9
LJU		3.88 241	Pn	10 46 57.6	-0.1
MDB	Medias	3.90 117	↑P	10 46 58.9	-0.2
MDB		3.90 117	Pn	10 46 58.9	-0.2
PBCC	Pribram	3.93 297	ePn	10 46 58.0	-0.2
PBCC		3.93 297	Pn	10 46 58.0	-0.2
BURAR	Bucovina Array	3.94 94	↑P	10 46 58.7	+0.2
BURAR		3.94 94	Pn	10 46 58.7	+0.2
KUBS	Kuovo	3.96 156	ePn	10 46 58.9	-1.6
KUBS		3.96 156	Pn	10 46 58.9	-1.6
DIVS	Divivare	3.96 174	ePn	10 46 58.0	-0.4
DIVS		3.96 174	Pn	10 46 58.1	-0.6
DIVS	comp=Z,0.4nm,SNR=3.1	Pn	Pn	10 46 58.3	-0.4
DIVS		Sn	Pn	10 47 43.4	-1.7
HAPS	Han Pijesak,Bl	3.96 185	ePn	10 46 57.7	-1.1
HAPS		3.96 185	ePn	10 46 57.3	-1.5
HAPS	Han Pijesak,Bl	3.96 185	Pn	10 46 57.3	-1.5
HAPS		Pn	Pn	10 46 57.7	-1.1
LOT	Lotru	3.97 129	↑P	10 46 58.6	-0.2
LOT		3.97 129	↓S	10 47 45.4	+0.1
LOT	Lotru	3.97 129	Pn	10 46 58.6	-0.2
LOT		S	Pn	10 47 45.4	+0.1
KHC	Kasperske Hory	4.01 288	↑P	10 46 59.5	+0.1
KHC		4.01 288	ePn	10 46 59.2	-0.2
KHC	Kasperske Hory	4.01 288	ePn	10 47 10.0	+1.3
KHC		eSg	Pn	10 47 45.6	-0.7
KHC	Kasperske Hory	4.01 288	Pn	10 46 59.2	-0.2
KHC		PG	Pn	10 47 10.0	+1.3
KHC		SN	Pn	10 46 59.5	

1d 11h

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

2015 JAN

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

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

IDC 01 10:47:11.7:1.2,86:07N:24:60E,h0km,mb3.3/4, mb1 3.6/4,mb1mx3.2/52,mbtmp3.3/4, Error ellipse: s-maj=61.8km s-min=28.1km az=49.0,North of Svalbard

IDC 01 10:50:55.5:2.0,7:48S:128:89E,h157km,22km,mb3.4/3, mb1 3.3/7,mb1mx3.1/35,mbtmp3.7/7, Error ellipse: s-maj=24.4km s-min=19.3km az=115.0

IDC 01 10:50:53.6:0.8,7:56S:0:06:129:10E:0.09,h150km,m8, s:3505/13,mb3.5/3,Banda Sea

IDC 01 10:57:15.0:7.4,29:69N:140:43E,h67km,80km,mb3.0/3, mb1 3.3/4,mb1mx3.0/38,mbtmp3.3/4,ML2.3/1, Error ellipse: s-maj=228.0km s-min=42.7km az=83.0, Southeast of Honshu

IDC 01 11:08:06.4:0.8,13:91N:145:04E,h175km,4km,mb2.9/4, mb1 3.3/4,mb1mx2.9/55,mbtmp3.3/4, Error ellipse: s-maj=53.9km s-min=21.3km az=103.0,Mariana Islands

IDC 01 11:12:51.9:3.9,30:78N:140:54E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/55,mbtmp3.3/4,ML2.0/1, Error ellipse: s-maj=228.4km s-min=34.2km az=81.0, Southeast of Honshu

KRSZO 01 10:46:37.4:1.2,48:01N:19:43E,h1km,11km,ML3.2/9,1C, Error ellipse: s-maj=4.9km s-min=4.3km az=158.0,

IDC 01 11:17:35.9:0.8,56:71N:154:63W,h0km,mb4.0/22, mb1 4.2/24,mb1mx4.0/57,mbtmp4.0/24,ML3.4/2,MS3.6/3,

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like TNS5 Tian-Shan, CHTO Chiang Mai, CMAR Chiang Mai Arr, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like FCC Fort Churchill, VCNR Virginia City, LRM Limekiln Ridge, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like GLA Glamis, PV18 Skein Mesa, PV12 Sancer Basin, etc.

1d 12h

Table with columns: Call Sign, Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like N49A Columbus Grove, FCAR Ozark Folk Cen, WHTX Lake Whitney, etc.

2015 JAN

Table with columns: Call Sign, Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like P59A Jarrettsville, P60A Greenville, P60A Greenville, etc.

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Table with columns: Call Sign, Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like W39A Magazine, W39A Magazine, W39A Magazine, etc.

TUL 01 12:05:49.1+0.8, 36.93N, 0.03-97.49W, 0.03, h7km, 7km, ML3.1, mb_Lg3.0/81(NEIC) Error ellipse: s-maj=4.9km s-min=2.3km az=47.0

NEIC 01 12:05:49.4+1.0, 36.90N, 0.03-97.49W, 0.04, h5km, 2km, Error ellipse: s-maj=7.2km s-min=3.1km az=42.0

ANF 01 12:05:49.6+0.7, 36.92N, 0.03-97.45W, h1km, 5km, ML4.0/8, Error ellipse: s-maj=2.5km s-min=1.9km az=155.0

ISC 01 12:05:49.4+0.8, 36.90N, 0.03-97.50W, 0.03, h10km, n78, r1500/62, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Azimuth Error, Elevation Error, and other parameters. Includes stations like KAN13 South Haven SW, OK030 Coody Crk, etc.

ISC 01 12:07:03.6+2.5, 9.94S, 113.91E, h0km, mb3.6/7, mb1.3/7, mb1mx3.5/46, mbtmp3.6/8, ML3.7/1, Error ellipse: s-maj=138.9km s-min=17.0km az=50.0

DJA 01 12:07:10.9-0.3, 10.54+11.4E, h59km, 19km, M4.3/20, mb5.5/3, mb4.3/10, MLV4.2/20, Mw(MB)4.9/3

NOU 01 12:07:17.9, 10.86S, 114.27E, h29km, mb4.1, South of Bali, Indonesia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Azimuth Error, Elevation Error, and other parameters. Includes stations like JAGI Jagag, GMJI Gumukmas, etc.

2015 JAN

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like MP1U, CBX, SWSC, IKP, PDMCI, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like ABTX, ABTX, KSUT, KSU1, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like Z41A, Z41A, MCK, FVM, etc.

1d 13h

Table with columns: YKA, NVAR, FINES, AKASG, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like Yellowknife Ar, Mina Array Bea, FINESS Array B, Malin Array Be.

IDC 01 12:53:47.5,0.9,2.86S,129.47E,h0km,mb4.07,mb1.4,3/11,mb1mx4.0/39,mbtmp4.1/11,ML4.1/4,MS3.4/2,MS1.3/4.2,ms1mx2.9/32,Error ellipse: s-maj=24.9km s-min=18.5km az=74.0

DJA 01 12:53:51.0,0.7,3.5S,2.12E,h21km,6km,ML4.1/4,mb4.7/8,mbM4.8/1,MLV4.3/14,Mv(m)B4.1/1

NEIC 01 12:53:52.3,2.4,2.8S,0.1E,129.55E,0.08,h41km,9km,mb4.1/9,Error ellipse: s-maj=15.7km s-min=11.6km az=202.0

NOU 01 12:54:08.5,3.79S,129.62E,h120km,mb4.0,Seram,Indonesia

ISC 01 12:55:52.6,0.9,2.85S,0.05E,129.39E,0.04,h43km,11km,n41,12833/48,mb4.2/8,Seram

Main table of station data for the 1d 13h period, listing station names, coordinates, and various parameters.

NNC 01 13:08:08.8,1.6,43.79N,86.11E,h0km,mb3.8,mpv3.3,Error ellipse: s-maj=13.4km s-min=8.8km az=128.0

IDC 01 13:08:16.2,1.7,44.51N,85.98E,h0km,mb3.3/1,mb1.3,2.5,mb1mx3.0/55,mbtmp3.1/5,ML2.3/4,Error ellipse: s-maj=11.3km s-min=7.0km az=166.0

ISC 01 13:08:16.6,1.1,44.37N,0.09,85.64E,0.07,h10km,n13,c2505/17,4C-SD,Northern Xinjiang

Table of station data for the 1d 13h period, continuing from the previous table.

2015 JAN

Table of station data for the 2015 JAN period, listing station names, coordinates, and various parameters.

IDC 01 13:08:50.8,1.6,22.76N,12.20W,h0km,mb3.7/4,mb1.3,8.8,mb1mx3.4/5,mbtmp3.7/8,ML3.5/4,Error ellipse: s-maj=51.4km s-min=24.3km az=75.0

Mauritania

Table of station data for Mauritania, listing station names, coordinates, and various parameters.

ISC 01 13:40:58.8,35.777N,34.02E,h30km,ML2.9/12

DDA 01 13:40:58.8,35.82N,34.02E,h7km,5km,ML2.2

NIC 01 13:40:59.4,0.0,35.61N,33.86E,h24km,2km,ML2.4/2

ISC 01 13:40:57.6,1.0,35.74N,0.02,33.99E,0.04,h32km,9km,n24,c1948/36,Cyprus region

Main table of station data for the 2015 JAN period, listing station names, coordinates, and various parameters.

AEIC 01 13:50:22.0,2.9,51.25N,0.08,178.33W,0.05,h26km,5km,ML4.2/40,mb4.3/40(NEIC),Error ellipse: s-maj=12.0km s-min=4.3km az=174.0

IDC 01 13:50:22.7,2.7,51.55N,178.38W,h43km,23km,mb3.7/23,mb1.9,9/25,mb1mx3.8/41,mbtmp4.0/25,ML2.5/11,MS3.3/1,MS1.3/3.1,ms1mx2.5/51,Error ellipse: s-maj=19.8km s-min=11.3km az=166.0

NEIC 01 13:50:23.6,1.7,51.42N,0.10,178.37W,0.03,h51km,7km,Error ellipse: s-maj=14.1km s-min=1.8km az=171.0

ISC 01 13:50:23.2,1.5,41.17N,178.38W,0.03,h51km,8km,n126,c1509/130,mb4.2/42,Andreanos Islands

Table of station data for the 2015 JAN period, continuing from the previous table.

Main table of station data for the 2015 JAN period, listing station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, RAMN Ramite, KKN Kakani, etc.

IDC 01 13:57:13.4-0.6, 42.63N, 141.192E, h28km, 2km, mb3.6/22, mb1.3/8.24, mb1mx3.7/39, mbtmp3.8/24, ML2.5/2, MS3.6/22, Ms1.3/7.22, ms1mx3.5/53, Error ellipse: s-maj=14.3km s-min=9.7km az=153.0

NIED 01 13:57:14.5, 42.529N, 141.84E, h30km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^15N/m; Mn:2.27; Mw:0.00; Mw:2.26; Mw:2.28; Mw:4.30; Mw:0.63; Fault plane solution: Ms5.38000x10^15 NP1: 0.285,00000; 0.69,00000; 1.34,00000; NP2: 0.191,00000; 0.15,00000; 1.15,00000

NEIC 01 13:57:14.7, 1.9, 42.67N, 141.80E, h36km, 6km, mb4.7/14 Error ellipse: s-maj=6.6km s-min=5.4km az=49.0

JMA 01 13:57:14.4, 42.58N, 141.84E, h30km, 1km, M4.5 Broadband fault plane solution: P waves. NP1: 0.168,00000; 0.44,00000; 1.139,00000; NP2: 0.129,00000; 0.63,00000; 1.54,00000; Principal axes: T Plg56.00000; Azm152.00000; N Plg32.00000; Azm308.00000; P Plg11.00000; Azm45.00000;

JMA Felt IV J1. BGR 01 13:57:15.7, 15.7, 0.0, 42.03N, 145.19E, h33km, mb4.6 ISC 01 13:57:13.8, 0.4, 42.61N, 141.84E, h27km, 2km, n88, r134/95, mb4.3/28, MS3.7/17, 4C-7D, Hokkaido region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations across Japan and the Pacific region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations in the WAKE ISLAND HY 31.96 131 T T region.

IDC 01 14:09:49.1, 1.2, 13.50N, 120.87E, h0km, mb3.3/6, mb1.3/5.6, mb1mx3.3/49, mbtmp3.3/6, Error ellipse: s-maj=62.5km s-min=19.4km az=61.0 MAN 01 14:09:50.2, 13.57N, 120.61E, h13km, mb4.6, ML3.4, MS3.3

ISC 01 14:09:49.5, 1.3, 13.52N, 120.70E, 0.04, h3km, 10km, n17, r1905/25, mb3.3/6, 2C-1D, Mindoro region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations in the Mindoro region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations in the WARRAMUNGA ARR 62.44 188 P region.

SKHL 01 14:11:15.0, 0.3, 44.63N, 148.78E, h39km, 7km, mb4.1/3 JMA 01 14:11:16.5, 0.4, 44.19N, 148.33E, h0km, M3.6 ISC 01 14:11:14.1, 4.1, 44.62N, 148.8E, 0.2, h42km, n10, r133/16, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations in the Kuril Islands region.

CRAAG 01 14:17:10.3, 36.95N, 3.71E, M3.7 MDD 01 14:17:12.6, 0.6, 36.98N, 3.69E, h7km, 6km, mb4.5/32, Error ellipse: s-maj=5.5km s-min=4.4km az=167.0, PRXIMO

LDG 01 14:17:10.3, 36.93N, 3.78E, h30km, M3.5/16, Error ellipse: s-maj=6.1km s-min=2.9km az=150.0 ISC 01 14:17:10.9, 5.3, 37.07N, 102.359E, h02, h12km, n154, r2823/202, 1D, Western Mediterranean Sea

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations across the Mediterranean and Atlantic regions.

1d 14h

Table of radio stations with columns for call sign, name, frequency, power, and other technical details.

2015 JAN

Table of radio stations with columns for call sign, name, frequency, power, and other technical details.

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Table of radio stations with columns for call sign, name, frequency, power, and other technical details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHVC Chvalec, MOA Mollin, GZR Gura Zlata, etc.

NIED 01 14:41:11.7, 28.18N; 129.52E, h33km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm;

JMA 01 14:41:11.7, 28.18N; 129.52E, h33km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm;

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAM Amami Oshima, JZK JZK, JMTN Minamitan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 34.97, H11N1 WAKE ISLAND Hy 34.97, etc.

BGR 01 14:43:09.6-0.0, 64.95N; 20.01W, h33km, mb4.3 REY 01 14:43:15.6, 64.66N; 17.37W, h10km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDYN Dyngjuhals, IDYR Dyngjujokull, IURH Urdarhals, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDM comp=Z, 4.1nm, 1.0s, ZALV Zalesovo Beam, etc.

TUL 01 14:44:08.5-1.3, 36.81N; 0.02E; 97.71W; 0.02, h3km, 5km, ML3.6, mb, Lg3.5/140(NEIC), Error ellipse: s-maj=2.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN13 South Haven SW, KAN14 Manchester OK, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Danmarks Havn, Bear Paw Mtn, Stephens Creek, etc.

IDC 01 14:58:07.1±0.7, 9.88N, 126.37E, h0km, mb4.1/15, mb1 4.2/15, mb1mx4.0/47, mbtmp4.1/15, Error ellipse: s-maj=36.2km s-min=13.9km az=77.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like General Luna, Butuan, Maasin, Borongan, etc.

IDC 01 15:05:40.3±46.0, 16.53S, 172.41W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/37, mbtmp3.9/3, Error ellipse: s-maj=889.6km s-min=197.1km az=80.0, Samoa Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, etc.

IDC 01 15:06:53.5±45.0, 15.37S, 170.81W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/37, mbtmp3.9/3, Error ellipse: s-maj=884.5km s-min=194.2km az=79.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Niue, SANVU, BKZ, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like HIZ, QRSZ, COEN, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like TOOLANGI, STEPHENS CREEK, etc.

TAP 01 15:18:40.8±24.7, 121.38E, h6km, 1km, MLO, 9.0, C IDC 01 15:18:56.1±14.0, 21.35N, 118.91E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.1/41, mbtmp3.2/3, ML3.5/1, Error ellipse: s-maj=370.4km s-min=38.5km az=25.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like NAN SHAN, DATONG, etc.

ISK 01 15:27:28.2±38.96N-26.24E, h12km, ML2.5/6 DDA 01 15:27:29.2±38.98N-26.44E, h7km, 4km, ML1.9

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like AYVALIK, SIGRI, etc.

IDC 01 15:32:16.8±0.5, 22.76S, 175.84W, h0km, mb4.5/18, mb1 4.6/19, mb1mx4.5/34, mbtmp4.5/19, ML4.6/1, MS3.9/30, Ms1 3.9/30, ms1mx3.8/42, Error ellipse: s-maj=19.3km s-min=14.9km az=150.0

NEIC 01 15:32:20.0±7.2, 21.81S, 0.08E, 175.80W, 0.76h, 18km, 3km, mb4.9/94, Error ellipse: s-maj=11.5km s-min=7.9km az=176.0

NOU 01 15:32:24.0±22.83S, 175.05W, h90km, mb4.8, Tonga Islands Region

GCMT 01 15:32:28.0±0.3, 22.29S, 0.03E, 175.37W, 0.02, h47km, 1km, MW4.9/81, Moment Tensor Solution. s58.c74; s81.c106; Duration: 0 Moment tensor: Scale 10^16Nm; Mw: 4.6±0.15; Mw-0.3±1.12; Mw-2.1±1.10; Mw-0.38±0.09; Mw-1.25±0.07; Mw-1.75±0.08; Best double couple: M3.178000x10^16 NP1: 217.00000°, 82.00000°, 107.00000°. NP2: 0±18.00000°, 86.00000°, 181.00000°. Principal axes: T 3.0500, Plg171.0000°, Azm268.0000°; N 0.2610, Plg8.0000°, Azm22.0000°; P -3.3070, Plg17.0000°, Azm115.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 15:32:17.0±0.3, 22.91S, 0.05E, 175.62W, 0.05, h34km, n249, r164/221, mb4.8/55, MS4.0/29, 21C-7D, Tonga Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like NIUE, RAOU ISLAND, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like RAR, RAR, RAR, etc.

comp=Z, 2.280nm, 19.9s, baz=30, slow=36 LR LR 15 40 04.8

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like DZM, DZM, DZM, etc.

comp=Z, 84nm, 1.5s 19.00 199 P Pn 15 36 41.0 ±0.4

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like BHW, BHW, BHW, etc.

comp=Z, 54nm, 0.3s 25.22 83 eT T 16 03 27.4

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like TVO, WKZ, WKZ, etc.

comp=Z, 2.2nm, 0.5s, baz=98, slow=11, SNR=12 LR LR 15 54 28.9

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like STKA, STKA, STKA, etc.

1d 16h

Table of station data for 1d 16h, including station names, coordinates, and various parameters like elevation and frequency.

2015 JAN

Main table of station data for 2015 JAN, listing station names, coordinates, and parameters.

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Table of station data for 36, including station names, coordinates, and parameters.

SNST	baz=241	eS	Sg	17 11 18.2	0.0
SGST	baz=241 Jiashian	1.03 235	iP	Pb	17 11 03.0 -1.0
SGST	baz=292	eS	Sg	17 11 18.2	-0.1
WDJ	baz=232 Dajia District	1.03 311	iP	Pg	17 11 05.1 +0.2
WDJ	baz=323	eS	Sg	17 11 19.5	+1.0
SLGT	baz=323 Liugui	1.03 229	iP	Pb	17 11 04.1 -0.2
SLGT	baz=219	eS	Sb	17 11 18.4	-0.1
TWE	baz=13 Neicheng	1.05 8	P	Pb	17 11 03.4 -1.2
TWE	baz=13	eS	Sg	17 11 19.5	+0.4
NSTT	baz=346 Nanjiang	1.06 335	iP	Pg	17 11 04.9 -0.4
NSTT	baz=346	eS	Sb	17 11 17.9	-0.3
LIOB	baz=337 Emei	1.06 336	iP	Pg	17 11 05.1 -0.3
LIOB	baz=337	eS	Sn	17 11 18.9	-0.4
RLNB	baz=281 Erin	1.07 282	eP	Pn	17 11 05.0 +0.1
RLNB	baz=281	eS	Sg	17 11 19.7	+0.2
NMLH	baz=281 Miaoli	1.08 323	iP	Pg	17 11 05.7 +0.1
NMLH	baz=324	eS	Sg	17 11 20.6	+0.8
NWLTL	baz=324 Wulai	1.10 0	eP	Pn	17 11 04.6 -0.8
NWLTL	baz=30	eS	Sg	17 11 20.4	-0.1
WLBG	baz=257 Puzi	1.12 260	P	Pn	17 11 04.8 -0.7
WLBG	baz=257	eS	Sg	17 11 20.7	-0.4
ICHU	baz=257 Yijhu	1.16 255	P	Pg	17 11 06.8 -0.5
ICHU	baz=252	eS	Sg	17 11 22.8	+0.3
WSF	baz=266 Szhu	1.17 269	P	Pb	17 11 06.4 -0.2
WSF	baz=266	eS	Sn	17 11 21.8	-0.1
ECL	baz=190 Taimali	1.18 205	eP	Pn	17 11 03.9 -2.6
ECL	baz=190	eS	Sb	17 11 19.0	-2.7
HSN1	baz=340 Hsinchu	1.18 338	eP	Pg	17 11 07.7 0.0
HSN1	baz=340	eS	Sg	17 11 23.2	0.0
CHN3	baz=340 Shinhu	1.20 241	iP	Pg	17 11 07.9 -0.1
CHN3	baz=237	eS	Sg	17 11 25.4	+1.6
SBCB	baz=338 Hsinchu	1.21 337	eP	Pg	17 11 07.7 -0.5
SCST	baz=243 Cishan	1.21 230	P	Pg	17 11 07.7 -0.6
SCST	baz=243	eS	Sg	17 11 23.8	-0.3
NTC	baz=243 Toucheng	1.21 14	eP	Pn	17 11 05.6 -1.4
SSD	baz=15 Sandimen	1.22 221	eP	Pn	17 11 06.2 -0.8
SSD	baz=217	eS	Sg	17 11 24.2	-0.2
HSN	baz=324 Hsinchu	1.22 337	eP	Pg	17 11 08.2 -0.3
HSN	baz=324	eS	Sg	17 11 24.4	-0.1
CHN8	baz=324 Yiju	1.23 255	iP	Pb	17 11 07.3 -0.1
CHN8	baz=252	eS	Sg	17 11 24.1	-0.4
TSMG	baz=215 Majia	1.24 219	eP	Pb	17 11 07.5 -0.3
TSMG	baz=215	eS	Sg	17 11 25.1	0.0
NHND	baz=10.0 Xindian Distri	1.28 1	iP	Pn	17 11 07.7 -0.2
TATO	baz=17 Taipei	1.30 360	P	Pn	17 11 08.0 -0.1
TATO	baz=17	eS	Sn	17 11 24.1	-0.9
TATO	baz=17 Taipei	1.30 360	eP	Pb	17 11 07.8 -0.2
TATO	baz=244 Jiali	1.30 248	eP	Pb	17 11 08.4 -0.3
SCLT	baz=244	eS	Sg	17 11 26.3	-0.5
TWM1	baz=229 Shoushan	1.30 230	iP	Pg	17 11 09.9 -0.1
TWA	baz=21 Mucha	1.30 3	iP	Pg	17 11 07.9 -0.3
TWA	baz=21	eS	Sg	17 11 26.6	-0.4
BACT	baz=15 New Taipei Cit	1.32 358	eP	Pb	17 11 08.7 -0.3
BACT	baz=15	eS	Sg	17 11 26.7	-0.8
NUCH	baz=350 Zhongli	1.32 348	eP	Pb	17 11 09.2 +0.1
NUCH	baz=350	eS	Sg	17 11 26.7	-0.9
NCU	baz=350 National Centr	1.32 348	P	Pb	17 11 09.2 +0.1
NCU	baz=350	eS	Sg	17 11 27.5	-0.1
SGLT	baz=213 Jiouru	1.32 225	eP	Pg	17 11 09.8 -0.6
SGLT	baz=213	eS	Sg	17 11 30.3	+2.6
TAH1	baz=241 Yung-kang	1.33 242	eP	Pb	17 11 09.5 +0.3
TIPB	baz=16 Shuangxi	1.33 13	P	Pn	17 11 07.7 -0.8
TIPB	baz=16	eS	Sb	17 11 24.8	-1.0
NTY	baz=1.0 Taoyuan	1.33 352	eP	Pn	17 11 08.9 -0.4
NTY	baz=1.0	eS	Sg	17 11 27.9	-0.1
TSPT	baz=209 Pingtung City	1.35 223	eP	Pg	17 11 10.5 -0.4
TAP	baz=18 Taipei	1.36 0	eP	Pn	17 11 08.7 -0.2
TAP	baz=18	eS	Sb	17 11 26.4	-0.4
TAP1	baz=18 Taipei	1.36 1	eP	Pb	17 11 09.6 -0.2
TAP1	baz=18	eS	Sb	17 11 26.2	-0.7
TWB1	baz=9.0 Santiao Chiao	1.40 18	eP	Pn	17 11 09.4 -0.1
TWB1	baz=9.0	eS	Sb	17 11 26.8	-0.8
SNJT	baz=229 Kaohsiung City	1.41 230	eP	Pb	17 11 10.8 +0.2
NWF	baz=13 Wu-fen Shan	1.42 10	eP	Pn	17 11 09.0 -0.8
NWF	baz=13	eS	Sb	17 11 28.1	-0.4
WFSB	baz=13 Wu-fen Shan	1.42 10	eP	Pn	17 11 09.4 -0.3
WFSB	baz=13	eS	Sn	17 11 27.2	-0.7
EAST	baz=13 Anshuo	1.42 205	eP	Pn	17 11 07.6 -2.2
TAW	baz=195 Tawu	1.42 203	eP	Pn	17 11 08.9 -0.9
TWS1	baz=18 Kuanyingshan	1.42 357	eP	Pn	17 11 09.8 0.0
TWS1	baz=18	eS	Sb	17 11 29.3	+0.6
SSPT	baz=210 Xinbi	1.46 216	eP	Pb	17 11 10.9 -0.6
NTST	baz=19 Danshui	1.48 358	eP	Pn	17 11 10.4 -0.2
NTST	baz=19	eS	Sb	17 11 30.9	+0.5

TNOU	National Taiwa	1.49 10	eP	Pn	17 11 10.3 -0.4
ANP	Anpu	1.51 1	eP	Pn	17 11 10.6 -0.5
SCZT	Fangliu	1.53 212	eP	Pn	17 11 11.2 0.0
SCZT	baz=221	eS	Sb	17 11 32.4	+0.7
JYNG	Yonagunijimaku	1.53 59	P	Sb	17 11 11.7 -1.0
JYNG	SLIU	1.59 204	eP	Pn	17 11 32.0 +0.2
YOJ	baz=195 Yonaguni jima	1.59 60	P	Pn	17 11 12.5 +0.4
YOJ	YOJ	1.59 60	eP	Pb	17 11 33.0 -0.4
YOJ	baz=62	eS	Sb	17 11 12.7 -1.0	
YOJ	baz=62	eS	Sb	17 11 33.0 -0.4	
YOJ	Yonaguni jima	1.59 60	Pn	Pn	17 11 12.7 -1.0
TWY	Chenhua	1.60 3	eP	Pn	17 11 12.3 +0.1
LAY	Lan-yu	1.63 178	eP	Pn	17 11 10.9 -1.7
LAY	baz=168	eS	Sn	17 11 32.7 -0.5	
WLCH	Liuziu	1.67 218	eP	Pb	17 11 15.7 +0.7
TWP	Hsioliuochiu	1.69 219	eP	Pb	17 11 15.7 +0.4
WDGT	Dungji	1.74 257	eP	Pn	17 11 13.9 -0.2
PHUB	P'eng-hu	1.77 265	eP	Pn	17 11 14.1 -0.5
PHUB	baz=245	eS	Sn	17 11 35.8 -0.9	
PNG	Penghu	1.79 267	eP	Pn	17 11 14.6 -0.1
PNG	baz=264	eS	Sn	17 11 37.0 -0.1	
HEN	Hengchun	1.80 203	eP	Pb	17 11 16.6 -0.7
TWKBT	Hengchun	1.84 200	eP	Pn	17 11 15.2 -0.3
VCHM	Qimei	1.96 257	eP	Pn	17 11 16.9 -0.2
PCYT	Pengchayiu	2.02 15	eP	Pb	17 11 19.3 -1.7
IRIF	Iriomote-Funau	2.14 72	P	Sn	17 11 20.3 +0.6
HATJ	Hateruma jima	2.15 79	eP	Pn	17 11 40.6 +0.7
HATJ	WVUC	2.28 305	eP	Pn	17 11 20.0 +0.3
JKRS	Kuro-shima	2.36 76	P	Pn	17 11 23.3 +0.6
JKRS	PTTC	2.41 319	eP	Pn	17 11 22.4 -0.9
JJJ	Ishigaki jima	2.51 74	P	Pn	17 11 24.9 +0.1
JJJ	Houxiangcun	2.56 303	eP	Pn	17 11 54.7 -0.3
JJJ	PTMZ	2.73 70	P	Pn	17 11 24.8 -0.6
JISG	Ishigakijimahi	2.73 70	P	Sn	17 11 27.8 +0.1
JISG	MATB	2.84 331	eP	Pn	17 12 00.3 +0.1
MSUT	Lienchiang	2.87 330	eP	Pn	17 11 29.2 -0.4
KNM	Kimmen	2.90 285	eP	Pn	17 11 31.3 +1.2
OZH	Quanzhou	2.94 296	Pn	Pn	17 11 30.6 0.0
OZH	comp=N,330nm,0.7s		smax	smax	17 12 04.0 -1.5
OZH	comp=E,210nm,0.7s		smax	smax	
KNMB	Chin-men Tao	2.95 286	eP	Pn	17 11 30.6 -0.2
KNMB	Chin-men Tao	2.95 286	eP	Pn	17 11 30.5 -0.3
JTJ	Tarama	3.08 71	P	Pn	17 11 33.2 +0.6
JTJ	LYJJ	3.27 332	eP	Pn	17 12 09.3 +0.3
MHZO	Yeshan	3.30 318	eP	Pn	17 11 35.6 0.0
AXDP	Jialang	3.44 291	eP	Pn	17 11 37.7 +0.1
XPSS	Dashiqi	3.45 340	eP	Pn	17 11 36.7 -1.0
JIRB	Irabujima	3.54 70	P	Pn	17 11 39.7 +0.7
JIRB	JIKM	3.64 69	eP	Pn	17 12 21.7 +1.2
JIKM	Ikemajima	3.64 69	eP	Pn	17 12 22.5 -0.3
JJM2	Miyako jima3	3.65 71	eP	Pn	17 11 41.1 +0.7
JJM2	JM12	3.65 72	P	Pn	17 11 41.5 +1.0
SSE	Sheshan	7.40 358	Pn	Pn	17 12 02.2 +0.1
QIZ	Qiongzong	11.80 249	P	Pn	17 11 11.0 -0.5
QIZ	comp=N,430nm,11.2s		LR	LR	17 13 37.9 +5.5
QIZ	comp=N,430nm,11.2s		LR	LR	17 15 50.0 +6.3
QIZ	comp=E,670nm,18.1s		LR	LR	
QIZ	comp=E,370nm,21.6s		LR	LR	
GYA	Guiyang	13.73 285	eP	Pn	17 14 05.1 -2.2
GYA	comp=Z,12nm,0.9s		pmax	pmax	
KSR5	Korea Array	14.80 20	Pn	Pn	17 14 18.3 -0.7
KSR5	comp=N,0.3s,ba=204,slow=12,SNR=4.2		LR	LR	17 20 37.2
CD2	Chengdu	17.33 298	eP	Pn	17 14 56.2 +9.0
LZH	Lanzhou	19.64 313	eP	Pn	17 15 21.4 +7.2
LZH	comp=Z,0.5nm,0.7s,ba=111,slow=9.7,SNR=5.5		pP	pP	17 15 25.0 +4.7
LZH	comp=Z,0.5nm,0.7s,ba=111,slow=9.7,SNR=5.5		pP	pP	17 15 27.8 +10.0
CMAR	Chiang Mai Arr	21.67 260	P	P	17 15 36.9 +2.2
GTA	Gaotai	24.15 316	eP	Pn	17 16 02.4 +2.3
GTA	comp=Z,4.0nm,1.2s		pP	pP	17 16 05.8 +0.2
GTA	comp=Z,100nm,5.6s		pmax	pmax	17 16 08.5 +0.6
GTA	comp=N,250nm,16.4s		LR	LR	
GTA	comp=Z,350nm,18.5s		LR	LR	
ULN	Ulanbatar	26.75 338	P	P	17 16 22.4 -1.2
SOMN	Songino Array	26.95 337	P	P	17 16 25.5 +0.1
PSI	Pradip	30.12 230	LR	LR	17 28 49.7
WMQ	Ururugi	34.22 314	eP	P	17 17 32.6 +3.1
MKAR	Makanchi Array	38.90 316	P	P	17 18 09.5 +0.1
MAKZ	Makanchi	39.11 316	P	P	17 18 11.9 +0.8
MAKZ	comp=Z,5.2nm,1.0s		Iamb	Iamb	17 18 21.2
ZALV	Zalesovo Beam	40.83 327	P	P	17 18 24.6 -0.7
H1N1	WAKE ISLAND Hy 42.23	86 T	T	T	18 03 37.2
H1N2	WAKE ISLAND Hy 42.23	86 T	T	T	18 03 39.1
H1N3	WAKE ISLAND Hy 42.25	86 T	T	T	18 03 39.1
H1S3	WAKE ISLAND Hy 42.25	88 T	T	T	18 03 47.2
H1S1	WAKE ISLAND Hy 42.25	88 T	T	T	18 03 47.8
H1S2	WAKE ISLAND Hy 42.36	88 T	T	T	18 03 48.5
KURBB	Kurchatov Arra	42.68 320	P	P	17 18 40.4 -0.1
WRA	Warramunga Arr	45.12 163	P	P	17 18 57.9 -2.5
WB2	Warramunga Arr	45.13 163	P	P	17 18 58.9 -1.5
WB2	comp=Z,5.6nm,1.0s		Iamb	Iamb	17 18 59.7
WR0	Warramunga Arr	45.19 163	P	P	17 18 58.9 -2.0
WR0	comp=Z,3.7nm,0.9s		Iamb	Iamb	17 19 00.5
ASAR	Alice Springs	48.58 165	P	P	17 19 26.5 -0.9

NWAO	Narrogin (SRO)	56.43 184	P	P	17 20 26.2 +0.8
NWAO	comp=Z,0.7nm,0.8s,ba=341,slow=6.9,SNR=10		Iamb	Iamb	17 20 40.7
NWAO	comp=Z,14nm,1.2s	56.43 184	P	P	17 20 26.2 +0.8
STKA	Stevens Creek	58.49 160	P	P	17 20 39.3 -0.6
ILAR	Eielson Array	69.53 27	P	P	17 21 53.9 +1.7
YKA	Yellowknife Arr	83.33 23	P	P	17 23 10.0 -0.4
ESDC	Sonsecia Array	99.01 320	LR	LR	18 12 23.7
ESDC	comp=Z,36nm,19.1s,ba=150,slow=37				
DJA 01 17:11:06.0,0.2,2'S,3°12'E, h10km, M4.2/12, mb4.3/2, MLV4.1/12					
IDC 01 17:11:06.3,1.3,2°30'S, 121°00'E, h0km, mb3.3/4, mb1.3/6, mb1mx3.3/52, mbtmp3.5/6, ML3.7/2, MS3.5/1, Ms1.3/5.1, ms1mx2.7/20, Error ellipse: s-maj=31.2km s-min=21.5km az=66.0					
ISC 01 17:11:09.1,1.7,2°19'S,0°05',120°77'E,0.06,h23km,15km, n19,c233/24,mb3.3/4,Sulawesi					
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res h m s ISC
TTSI	Tana Toraja	1.27 228	P	Pn	17 11 29.6 -1.8
TTSI			S		

Mwp5.2/1
ISC 01 18:34:32.3+1.9, 2.22S, 0.04, 120.86E, 0.05, h27km, 1.6gkm,
n40, r15/40/46, mb3.7/8, MS3.0/3, Sulawesi

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

NOU 01 18:40:37.9, 24.12S, 176.27W, h103km, mb4.9, South of
Fiji Islands
NEIC 01 18:40:39.0+1.4, 23.99S, 177.17W, h103km, mb5km,
mb4.7/117, Error ellipse: s-maj=18.7km s-min=11.0km
az=114.0

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

Main table with columns: RPZ, Rate Peaks, 21.88 204, P, P, 18 45 21.6 -1.7. Lists seismic events with detailed parameters like magnitude, depth, and station data.

Main table with columns: TMUT, Trail Mountain, 87.97 45, P, P, 18 53 17.9 +0.9. Lists seismic events with detailed parameters like magnitude, depth, and station data.

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PMG	Port Moresby	3.24	182	Op P	Pn	19 39 30.1	+0.2
PMG		2.9nm, 0.3s, baz=327, slow=6.0, SNR=14		S	S	19 40 12.2	+0.7
WRA	Warramunga Arr	18.61	221	P	P	19 42 38.2	0.0
ASAR	Alice Springs	21.66	215	P	P	19 43 10.8	+0.4
FITZ	Fitzroy Crossi	24.23	239	P	P	19 43 33.8	-0.2
MKAR	Makanchi Array	77.79	320	P	P	19 50 10.0	-0.1

ROM 01 19:48:01.8-0.1, 41°57N, 0°01'14.44"E, 0°02'h, h335km, ML3.7/49, Error ellipse: s-maj=1.9km s-min=0.1km az=225.0

LDG 01 19:48:03.8-0.1, 41°49'N, 14°22'E, h331km, M13.3/11, Error ellipse: s-maj=4.2km s-min=2.3km az=8.0

IOC 01 19:48:05.0-1.3, 41°55'N, 14°26'E, h317km, mb3.5/10, mb1 3.5/22, mb1mx3.3/46, mbmt4.2/22, Error ellipse: s-maj=12.1km s-min=8.8km az=97.0

NEIC 01 19:48:04.7-1.4, 41°51'N, 0°06'14.32"E, 0°09'h, h318km, 7km, mb4.2/6, Error ellipse: s-maj=9.9km s-min=7.2km az=122.0

BGR 01 19:48:10.7-5.7, 41°73'N, 14°03'E, h10km, ML4.1, Error ellipse: s-maj=176.8km s-min=35.6km az=169.0

ISC 01 19:48:04.7-0.5, 41°53'N, 0°04'14.31"E, 0°04'h, h320km, 5km, n388, 0°15'44.1, mb4.1/18, 43C-83D, Southern Italy

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MIDA	Miranda	0.12	338	Op P	Pn	19 48 45.6	+0.5
MIDA				S	S	19 49 16.8	-0.5
MIDA		comp=E, 414μm, 0.9s		AML	AML		
MIDA		comp=N, 224μm, 1.4s		AML	AML		
MIDA		comp=N, 238μm, 0.7s		AML	AML		
MIDA		comp=E, 414μm, 0.9s		AML	AML		
SGG	Gregorio Mates	0.15	161	Op P	Pn	19 48 45.3	+0.1
SGG				S	S	19 49 16.6	-0.9
SGG		comp=E, 215μm, 0.8s		AML	AML		
SGG		comp=N, 179μm, 0.7s		AML	AML		
RN12	Rionero Sannit	0.21	325	Op P	Pn	19 48 45.9	+0.8
RN12				S	S	19 49 18.6	+1.2
RN12		comp=N, 380μm, 1.2s		AML	AML		
RN12		comp=E, 580μm, 1.5s		AML	AML		
RN12		comp=N, 396μm, 1.4s		AML	AML		
RN12		comp=N, 379μm, 1.2s		AML	AML		
RN12		comp=E, 593μm, 1.5s		AML	AML		
BSSO	Busso	0.21	87	Op P	Pn	19 48 45.6	+0.4
BSSO				S	S	19 49 17.4	0.0
CERA	Filiignano	0.23	286	Op P	Pn	19 48 45.3	+0.1
CERA				S	S	19 49 17.0	-0.4
CERA		comp=E, 187μm, 1.4s		AML	AML		
CERA		comp=N, 155μm, 0.8s		AML	AML		
CERA		comp=E, 174μm, 1.5s		AML	AML		
CERA		comp=N, 160μm, 1.2s		AML	AML		
CERA		comp=E, 188μm, 1.4s		AML	AML		
CERA		comp=N, 232μm, 1.6s		AML	AML		
CERA		comp=E, 181μm, 1.6s		AML	AML		
CERA		comp=N, 246μm, 1.6s		AML	AML		
CERA		comp=N, 249μm, 1.6s		AML	AML		
CERA		comp=E, 222μm, 1.0s		AML	AML		
CERA		comp=E, 232μm, 1.6s		AML	AML		
TRIV	Trivento	0.29	37	Op P	Pn	19 48 45.4	+0.2
TRIV				S	S	19 49 17.2	-0.3
GATE	Gambatesa	0.45	92	Op P	Pn	19 48 45.8	+0.3
GATE				S	S	19 49 18.5	+0.5
POFI	Posta Fibreno	0.49	292	Op P	Pn	19 48 46.0	+0.3
POFI				S	S	19 49 18.1	-0.1
POFI		comp=E, 141μm, 0.6s		AML	AML		
POFI		comp=N, 166μm, 0.5s		AML	AML		
POFI		comp=E, 356μm, 0.7s		AML	AML		
POFI		comp=N, 283μm, 0.8s		AML	AML		
POFI		comp=E, 396μm, 0.8s		AML	AML		
POFI		comp=N, 274μm, 0.8s		AML	AML		
POFI		comp=E, 395μm, 0.8s		AML	AML		
PSB1	Pescosannita	0.49	129	Op P	Pn	19 48 45.8	+0.1
PSB1				S	S	19 49 17.6	-0.6
MODR	Mondragone	0.51	220	Op P	Pn	19 48 45.7	+0.1
MODR				S	S	19 49 17.9	-0.4
LPEL	Lama dei Pelig	0.52	349	Op P	Pn	19 48 45.6	0.0
LPEL				S	S	19 49 17.6	-0.6
LPEL		comp=E, 526μm, 0.3s		AML	AML		
LPEL		comp=N, 412μm, 1.1s		AML	AML		
PAOL	Paolisi	0.54	159	Op P	Pn	19 48 45.7	-0.1
PAOL				S	S	19 48 45.7	-0.1
PAOL		comp=N, 1060μm, 0.5s		AML	AML		
INTR	Introdacqua	0.57	328	Op P	Pn	19 48 45.7	-0.1
INTR				S	S	19 48 45.9	+0.1
INTR		comp=N, 243μm, 0.8s		AML	AML		
INTR		comp=N, 362μm, 0.7s		AML	AML		
INTR		comp=E, 354μm, 0.6s		AML	AML		
INTR		comp=N, 415μm, 1.0s		AML	AML		
INTR		comp=E, 354μm, 0.6s		AML	AML		
VVLD	Villa Vallelon	0.62	303	Op P	Pn	19 48 46.1	+0.2
VVLD				S	S	19 49 18.8	0.0
VVLD		comp=E, 56μm, 1.2s		AML	AML		
VVLD		comp=N, 47μm, 0.5s		AML	AML		
VVLD		comp=E, 56μm, 1.2s		AML	AML		
VVLD		comp=N, 104μm, 0.8s		AML	AML		
VVLD		comp=E, 56μm, 0.9s		AML	AML		
VVLD		comp=N, 104μm, 0.8s		AML	AML		
MELA	Melanico ??? S	0.64	74	Op P	Pn	19 48 45.3	-0.6
MELA				S	S	19 49 16.6	-2.0
MELA		comp=E, 879μm, 0.9s		AML	AML		
MELA		comp=N, 810μm, 0.8s		AML	AML		
MELA		comp=N, 744μm, 0.8s		AML	AML		
MELA		comp=N, 808μm, 0.8s		AML	AML		
MELA		comp=E, 892μm, 0.9s		AML	AML		
MELA		comp=E, 876μm, 0.9s		AML	AML		

MELA	comp=N, 744μm, 0.8s	AML	AML				
GUAR	Guarino	0.79	290	Op P	Pn	19 48 46.7	+0.2
GIUL	Giuliano Di Ro	0.79	272	Op P	Pn	19 48 46.5	+0.1
TO110	Collepietro	0.80	330	Op P	Pn	19 48 46.7	+0.2
TO110				S	S	19 48 20.3	+0.5
TO110		comp=E, 482μm, 0.4s		AML	AML		
TO110		comp=E, 482μm, 0.4s		AML	AML		
TO110		comp=N, 416μm, 0.6s		AML	AML		
TO110		comp=E, 486μm, 1.0s		AML	AML		
TO110		comp=N, 416μm, 0.6s		AML	AML		
SSB3	San Sossio Bar	0.83	123	Op P	Pn	19 48 46.9	+0.2
PTQR	Pietracquaria	0.84	306	Op P	Pn	19 48 46.9	+0.2
PTQR		comp=N, 134μm, 0.7s		AML	AML		
PTQR		comp=N, 134μm, 0.7s		AML	AML		
PTQR		comp=E, 196μm, 0.9s		AML	AML		
CAFE	Carice	0.86	126	Op P	Pn	19 48 47.0	+0.1
RSF3	Rocca San Feli	0.86	131	Op P	Pn	19 48 46.6	-0.2
RSF3				S	S	19 49 18.9	-0.7
SNAL	S. Angelo Dei	0.91	132	Op P	Pn	19 48 47.0	-0.2
SNAL				S	S	19 49 19.7	-1.0
SNAL		comp=N, 886μm, 0.8s		AML	AML		
SNAL		comp=E, 626μm, 0.7s		AML	AML		
SNAL		comp=N, 970μm, 0.8s		AML	AML		
SNAL		comp=E, 662μm, 0.7s		AML	AML		
SNAL		comp=N, 958μm, 0.8s		AML	AML		
FAGN	Fagnano	0.91	324	Op P	Pn	19 48 47.3	+0.5
FAGN				S	S	19 49 19.6	-0.9
FAGN		comp=E, 750μm, 0.5s		AML	AML		
LIO3	Lioni	0.91	134	Op P	Pn	19 48 46.9	-0.1
LIO3				S	S	19 49 19.3	-1.4
MCRV	Calabritti - M	0.99	139	Op P	Pn	19 48 47.2	-0.3
MCRV				S	S	19 49 20.1	-1.4
LATB	Latina	1.01	268	Op P	Pn	19 48 47.3	+0.1
AQU	L'Aquila	1.06	321	Op P	Pn	19 48 48.2	+0.7
AQU				S	S	19 48 48.2	+0.7
AQU		comp=E, 253μm, 1.4s		AML	AML		
AQU		comp=E, 256μm, 1.4s		AML	AML		
AQU		comp=N, 296μm, 1.5s		AML	AML		
CERT	Cerreto	1.08	293	Op P	Pn	19 48 47.8	+0.2
CERT				S	S	19 49 19.4	-2.6
CERT		comp=E, 200μm, 0.5s		AML	AML		
CERT		comp=N, 88μm, 0.4s		AML	AML		
CERT		comp=E, 200μm, 0.5s		AML	AML		
SGRT	San Giovanni R	1.10	78	Op P	Pn	19 48 46.8	-0.9
SGRT				S	S	19 48 47.0	-0.8
SGRT		comp=N, 1019μm, 0.8s		AML	AML		
SGRT		comp=E, 1445μm, 0.7s		AML	AML		
VULT	Monte Vulture	1.14	120	Op P	Pn	19 48 47.5	-0.6
VULT				S	S	19 49 21.1	-1.5
GOL3	Collano	1.14	137	Op P	Pn	19 48 48.0	-0.1
FIAM	Fiamignano	1.16	310	Op P	Pn	19 48 48.7	+0.7
FIAM				S	S	19 48 48.7	+0.7
FIAM		comp=N, 238μm, 0.6s		AML	AML		
FIAM		comp=N, 152μm, 1.4s		AML	AML		
FIAM		comp=N, 188μm, 0.8s		AML	AML		
MRLC	Muro Lucano	1.18	131	Op P	Pn	19 48 48.1	-0.1
MRLC				S	S	19 49 21.9	-1.0
MRLC		comp=E, 228μm, 0.4s		AML	AML		
MRLC		comp=E, 240μm, 0.8s		AML	AML		
MRLC		comp=N, 226μm, 1.3s		AML	AML		
CAMP	Campotosto	1.21	326	Op P	Pn	19 48 48.9	+0.7
CAMP				S	S	19 48 48.9	+0.7
CAMP		comp=E, 224μm, 1.6s		AML	AML		
CAMP		comp=N, 315μm, 0.7s		AML	AML		
TERO	Teramo	1.21	334	Op P	Pn	19 48 48.5	+0.3
TERO				S	S	19 49 21.8	-1.1
TERO		comp=E, 178μm, 1.0s		AML	AML		
TERO		comp=N, 170μm, 0.5s		AML	AML		
TERO		comp					

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WHAR, GNAR, USMT, FCAR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TORO, LBTM, ULTM, YKA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BJCM, HAST, BSMO, etc.

IDC 01 21:25:49.7±2.0, 1.38S:77.65W, h167km, 20km, mb3.8/19, mb1 3.9/24, mb1mx3.8/42, mbtmp4.3/24, Error ellipse: s-maj=17.0km s-min=10.1km az=49.0

NEIC 01 21:25:50.2±2.2, 1.40S:0.077:77.6W:0.1, h172km, 5km, mb4.4/85, Error ellipse: s-maj=14.9km s-min=9.3km

VAO 01 21:25:57.0±1.3, 1.76S:77.23W, h194km, mb4.6, ISO 01 21:25:49.4±0.4, 1.48S:0.057:77.4W:0.06, h167km, n205, a1507/198, mb4.4/63, Ecuador

IDC 01 21:12:33.2±7.9, 5.80S:146.43E, h92km, 71km, mb3.1/2, mb1 3.3/4, mb1mx3.1/26, mbtmp3.5/4, ML2.8/2, Error ellipse: s-maj=63.5km s-min=60.8km az=118.0, Eastern New Guinea region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PMG, WRA, ASAR, FITZ, TORO, etc.

NEIC 01 21:18:15.7±1.7, 38.31N:0.02:122.66W:0.03, h17km, 1km, Error ellipse: s-maj=3.9km s-min=2.4km az=52.0

NCEDC 01 21:18:15.7±2.3, 38.37N:0.02:122.61W:0.07, h7km, 4km, ML3.0/55, ML2.7/46(NEIC), Error ellipse: s-maj=3.1km s-min=1.6km az=55.0, Northern California

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MCCM, GRCM, HERB, FTB, GDXM, etc.

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

Table with columns: ID, Name, RA, Dec, P, Q, RA, Dec, P, Q. Includes entries like CO01 Juntas del Tor, SMTB Santa Maria do Peixe, CPUP Villa Florida, etc.

Table with columns: ID, Name, RA, Dec, P, Q, RA, Dec, P, Q. Includes entries like SUMG Summit, ESCD Sonseca Array, YAH INK Inuvik, etc.

Table with columns: ID, Name, RA, Dec, P, Q, RA, Dec, P, Q. Includes entries like ZEDA Limnos Island, ECEA Canakkale, GOKA anakkale-Gk, etc.

DJA 01 22:20:04.8,0.6,2.5,1x12.1E, s, h17km,5km, M4, 7/26, mb4.7/18, mb5.2/7, MLV4.8/26, Mw(mb)4.6/7, MwMwp6.5/1, Mwp6.4/1

NEIC 01 22:20:06.2,2.0,2.2S,0.5x120.91E:0.05, h35km,2km, mb4.6/32, Error ellipse: s-maj=9.0km s-min=8.3km az=133.0

ISC 01 22:20:06.6,0.6,2.21S,0.03x120.89E:0.04, h38km,1km, n100, c1554/98, mb4.5/26, MS3.9/17, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

ISC 01 22:47:12.6:1.1, 13.22N:144.46E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/2, mbtmp3.5/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/3, Error ellipse: s-maj=37.7km s-min=16.1km az=127.0, Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

ISC 01 23:11:04.7:1.8, 0.15N:123.77E, h145km, 16km, mb3.6/11, mb1 3.7/4, mb1mx3.5/42, mbtmp4.0/14, Error ellipse: s-maj=20.0km s-min=10.9km az=63.0

NEIC 01 23:11:04.9:1.3, 0.01N:108.123.47E:0.08, h141km, 8km, az=186.0, Error ellipse: s-maj=12.1km s-min=10.9km

DJA 01 23:11:06.4:0.3, 3.1x12.3E, h117km,5km, M4.2/17, mb4.3/3, mb5.9/1, MLV4.2/17, Mw(mb)5.4/1

ISC 01 23:11:05.6:0.4, 0.03S:123.53E:0.05, h157km, m54, c2501/65, mb4.2/21, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

ISC 01 23:17:31.1:2.0, 20.22S:175.64W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/38, mbtmp4.1/5, Error ellipse: s-maj=162.3km s-min=30.6km az=158.0, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

ISC 01 23:24:19.4:2.0, 2.01N:125.29E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.3/35, mbtmp3.4/4, ML3.7/1, Error ellipse: s-maj=123.0km s-min=27.0km az=67.0, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

NEIC 01 23:39:46.8, 19.90S:71.03W, h17km, Moment Tensor Solution. Moment tensor: Scale: 10^19Nm; Mr2:1.5; Mw:0.03; Mw-2:1.8; Mw:0.68; Mw:0.61; Mw-1:4.6; Fault plane solution: M2:77000x10^15 Np1:159.19000°, δ62.91000°, λ83.88000°. NP2:352.43000°, δ27.72000°, λ101.76000°. Principal axes: T:2.6839, P1:71.0000°, Azm56.0000°, P:0.1573, P1gs:0.0000°, Azm162.0000°, P:-2.8412, P1g:18.0000°, Azm254.0000°

NEIC 01 23:39:47.4:2.6, 19.95S:70.99W:0.05, h14km, 1km, mb4.4/10, Mw:2.32, ML4.2(GUC), Error ellipse: s-maj=6.7km s-min=6.1km az=84.0

SJA 01 23:39:47.0:0.7, 19.95S:70.99W, h27km, 4km, ML4.3, MW4.4

VAO 01 23:39:48.8:0.4, 19.90S:70.86W, h10km, mb4.0

GUC 01 23:39:48.8:0.6, 19.90S:71.07W, h35km, 2km, ML4.3

ISC 01 23:39:50.8:0.8, 19.82S:70.64W, h30km, 4km, mb3.8/10, mb1 4.0/4, mb1mx3.9/26, mbtmp4.0/14, ML3.9/4, MS3.4/3, Ms1 3.3/3, ms1mx3.0/19, Error ellipse: s-maj=21.8km s-min=16.5km az=64.0

ISC 01 23:39:48.7:0.8, 19.93S:0.03x71.03W:0.05, h25km, 5km, n138, c1558/160, mb4.3/12, 13C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Lists seismic stations and their characteristics.

GO01	comp=Z,12um,0.4s	1.74	82	↑P	Pn	23 40 18.1	+0.2	
GO01	Chuzmiza	1.74	82	↑P	Pn	23 40 18.1	+0.2	
GO01				eS	Sb	23 40 41.0	-1.0	
GO01				IAML		23 40 43.3		
GO01	comp=N,4um,0.1s	1.74	82		Pn	23 40 18.1	+0.2	
GO01	Chuzmiza	1.74	82		Pn	23 40 18.1	+0.2	
GO01	IPOC Station P	1.77	97	↑P	Pn	23 40 18.4	+0.2	
GO01				eS	Sb	23 40 41.8	-0.9	
GO01				IAML		23 40 50.0		
GO01	comp=N,2um,0.5s	1.77	97		Pn	23 40 18.1	-0.1	
GO01	IPOC Station P	1.77	97		Pn	23 40 18.5	+0.3	
GO01				eS	Sb	23 40 42.4	-0.4	
GO01				IAML		23 40 44.0		
GO01	comp=Z,2um,1.2s	1.82	128	↑P	Pn	23 40 18.9	+0.3	
GO01	IPOC Station P	1.82	128	↑P	Pn	23 40 41.9	+1.1	
GO01				eS	Sb	23 40 18.8	+0.3	
GO01				IAML		23 40 19.0	+0.5	
GO01	comp=Z,3um,0.7s	2.08	149	↑P	Pn	23 40 22.2	-0.1	
GO01	IPOC Station P	2.08	149	↑P	Pn	23 40 46.3	-1.1	
GO01				eS	Sb	23 41 05.0		
GO01	comp=E,2um,0.5s	2.08	149		Pn	23 40 22.1	-0.1	
GO01	IPOC Station P	2.08	149		Pn	23 40 22.1	-0.1	
GO01				eP	Sb	23 41 01.2		
GO01	comp=Z,2um,0.9s	2.14	42	↑P	Pn	23 40 23.5	+0.1	
GO01	IPOC Station P	2.14	42	↑P	Pn	23 40 49.7	+0.2	
GO01				eS	Sb	23 41 05.7		
GO01	comp=E,2um,0.7s	2.14	42		Pn	23 40 23.5	+0.1	
GO01	IPOC Station P	2.14	42		Pn	23 40 23.7	+0.3	
GO01				eS	Sb	23 40 52.5	-1.0	
GO01				IAML		23 40 59.5		
GO01	comp=Z,2um,1.1s	2.42	151	↑P	Pn	23 40 26.8	0.0	
GO01	IPOC Station P	2.42	151	↑P	Pn	23 40 54.4	-1.4	
GO01				eS	Sb	23 41 14.9		
GO01	comp=E,2um,0.7s	2.42	151		Pn	23 40 26.8	0.0	
GO01	IPOC Station P	2.42	151		Pn	23 40 54.6	-1.2	
GO01				eS	Sb	23 41 10.9		
GO01	comp=Z,2um,0.7s	2.50	138	↑P	Pn	23 40 29.2	+1.3	
GO01	IPOC Station P	2.50	138	↑P	Pn	23 40 59.8	+2.1	
GO01				eS	Sb	23 41 15.5		
GO01	comp=E,2um,0.5s	2.50	138		Pn	23 40 28.8	+0.9	
GO01	IPOC Station P	2.50	138		Pn	23 40 29.2	+1.3	
GO01				eS	Sb	23 41 08.8	+5.5	
GO01				IAML		23 41 11.3		
GO01	comp=Z,2um,0.9s	2.53	161	↑P	Pn	23 40 27.9	-0.5	
GO01	IPOC Station P	2.53	161	↑P	Pn	23 40 55.8	-2.6	
GO01				eS	Sb	23 41 18.9		
GO01	comp=E,2um,0.5s	2.53	161		Pn	23 40 27.9	-0.5	
GO01	IPOC Station P	2.53	161		Pn	23 40 28.0	-0.3	
GO01				eS	Sb	23 40 56.4	-2.1	
GO01				IAML		23 41 27.1		
GO01	comp=Z,1um,0.7s	3.01	165	↑P	Pn	23 40 34.1	-0.8	
GO01	IPOC Station P	3.01	165	↑P	Pn	23 41 01.0	-3.8	
GO01				eS	Sb	23 41 33.9		
GO01	comp=E,617nm,0.4s	3.01	165		Pn	23 40 34.1	-0.8	
GO01	IPOC Station P	3.01	165		Pn	23 40 07.1	-3.1	
GO01				eS	Sb	23 41 38.7		
GO01	comp=Z,617nm,0.7s	3.32	144		Pn	23 40 40.8	+1.4	
GO01	Limon Verde	3.32	144		Pn	23 40 40.8	+1.4	
GO01				eS	Sb	23 41 18.6	+0.4	
GO01	comp=Z,64nm,0.3s,baz=238,slow=8.5,SNR=153	3.32	144		Pn	23 40 40.8	+1.4	
GO01	Limon Verde	3.32	144		Pn	23 40 40.8	+1.4	
GO01				eS	Sb	23 41 19.3	+1.1	
GO01				eS	Sb	23 40 40.8	+1.4	
GO01				eS	Sb	23 41 19.1	+0.9	
GO01				eS	Sb	23 40 40.7	+1.3	
GO01				eS	Sb	23 40 41.9	-0.9	
GO01				eS	Sb	23 41 20.7	-3.8	
GO01				eS	Sb	23 40 41.8	-1.1	
GO01				eS	Sb	23 40 41.9	-0.9	
GO01				eS	Sb	23 41 21.6	-2.5	
GO01				eS	Sb	23 41 11.3		
GO01				eS	Sb	23 41 00.7	+2.2	
GO01				eS	Sb	23 41 49.9	-2.6	
GO01				eS	Sb	23 41 53.5		
GO02	Mina Guanaco	5.67	116		Pn	23 41 07.2	-0.4	
GO02	YJA	5.67	116		Pn	23 41 17.0	+6.0	
GO02	YJA			eS	Sb	23 42 34.9	+1.7	
GO02	HJA	6.16	123		Pn	23 41 24.5	+6.0	
GO02	AC01	6.20	176		Pn	23 41 16.8	-1.9	
GO02	AC02	6.20	176		Pn	23 41 30.0	+0.7	
GO02	ASTB	7.09	124		Pn	23 41 38.3	+4.4	
GO02	GO03	7.66	175		Pn	23 41 38.8	0.0	
GO02	AC04	8.24	180		Pn	23 41 44.6	-2.1	
GO02	AC05	8.89	176		Pn	23 41 53.8	-2.0	
GO02	LCO	9.04	178		Pn	23 41 57.4	-0.6	
GO02	NNA	9.68	324		Pn	23 42 10.5	+4.0	
GO02	NNA	comp=Z,0.8nm,0.3s,baz=53,slow=15,SNR=1.7			Sn	23 43 52.3	-2.2	
GO02	NNA	comp=Z,0.6nm,0.3s,baz=224,slow=15,SNR=1.8			LR	23 46 02.8		
GO02	NNA	comp=Z,81nm,18.6s,baz=162,slow=38			LR	23 42 06.2	-0.3	
GO02	CO01	Nana	9.68	324		Pn	23 42 12.1	-1.7
GO02	CO01	Juntas del Tor	10.04	175		Pn	23 42 11.1	-0.2
GO02	GO04	Tololo Observa	10.20	179		Pn	23 42 12.1	-1.7
GO02	SIV	San Ignacio	10.25	69		Pn	23 42 12.1	-2.3
GO02	SIV	comp=Z,3.0nm,0.3s,baz=297,slow=9.9,SNR=43			Pn	23 42 22.5	-0.3	
GO02	CO03	El Pedregal	11.08	178		Pn	23 42 26.2	+0.5
GO02	ETMB	Extrema	11.27	25		Pn	23 42 29.0	+1.3
GO02	CO02	Combarbal	11.22	180		Pn	23 42 40.9	+0.2
GO02	PTLB	Pontes e Lacer	12.17	70		Pn	23 42 16.2	+2.6
GO02	VA03	San Esteban	12.75	178		Pn	23 42 55.5	-0.1
GO02	MT02	Curacac	13.27	180		Pn	23 42 53.2	-2.7
GO02	SAML	Samuel	13.29	36		Pn	23 43 07.1	+1.1
GO02	SAML	Samuel	13.29	36		Pn	23 42 56.2	-0.9
GO02	CPUP	Villa Florida	14.11	119		Pn	23 43 07.3	+0.2
GO02	CPUP	Villa Florida	14.11	119		Pn	23 43 07.8	+0.7
GO02	AQDB	Aquidauana	14.40	95		Pn	23 43 11.0	-0.1
GO02	BO02	Sierra Bellavi	14.80	179		Pn	23 43 18.0	+1.4
GO02	H03N1	Juan Fernandez	15.18	206		T	23 59 01.4	
GO02	H03N2	Juan Fernandez	15.18	206		T	23 59 01.2	
GO02	H03N3	Juan Fernandez	15.20	206		T	23 58 59.1	
GO02	PP1B	Ponte de Pedra	15.47	84		Pn	23 43 24.4	-0.9
GO02	IT0B	Itaqi	16.26	129		Pn	23 43 36.4	+0.8
GO02	CLDB	Colider	17.21	61		Pn	23 43 47.5	-0.1
GO02	PCMB	Pacamebu	18.56	99		Pn	23 44 04.2	0.0
GO02	ARAG	Araguaiana, MT	18.77	90		Pn	23 44 05.6	-0.3
GO02	ITAB	Concordia	18.77	116		Pn	23 44 16.6	+2.6
GO02	LCO1	Curco	18.91	182		Pn	23 44 07.3	-0.3
GO02	CPSB	Capacava Do Su	19.00	127		Pn	23 44 09.0	-0.5
GO02	NPGB	Novo Progresso	19.88	52		Pn	23 44 18.2	-0.1
GO02	FR1B	Fartura	20.23	104		Pn	23 44 23.0	-1.2
GO02	PLCA	Paso Flores	20.74	179		Pn	23 44 29.0	+1.5
GO02	PLCA	Paso Flores	20.74	179		Pn	23 44 29.1	-1.0
GO02	BB19B	Behedond	21.10	97		Pn	23 44 31.1	-0.5
GO02	OTAV	Otavalo	21.32	339		Pn	23 44 36.4	+2.0
GO02	IPMB	Ipameri, GO	21.66	89		Pn	23 44 35.9	-0.8
GO02	PTGA	Pitinga	21.94	31		Pn	23 44 38.6	-2.0
GO02	PTGA	Pitinga	21.94	31		P	23 44 39.3	-1.3
GO02	PTGA				Iamb	Iamb	23 44 42.5	
GO02	BDFB	Brasilia	22.32	83		P	23 44 41.5	-3.2
GO02	BDFB	comp=Z,3.0nm,0.7s,baz=204,slow=14,SNR=3.4			LR	23 54 18.5		
GO02	BDFB	comp=Z,124nm,21.4s,baz=286,slow=14			LR	23 54 18.5		
GO02	BDFB	Brasilia	22.32	83		P	23 44 41.6	-3.2
GO02	BDFB				Iamb	Iamb	23 44 49.4	
GO02	BBAC	Balboa, Cauca	22.66	344		P	23 44 50.4	+2.0

PCON	Cinco Dias	22.74	346	eP	P	23 44 54.0	+4.3
MARP	Paez Belalcaza	23.14	347	eP	P	23 44 58.9	+5.2
PEXB	Peixe	23.17	74	eP	P	23 44 53.0	+0.2
ORTC	Ortega, Tolima	24.05	350	eP	P	23 45 03.3	+1.1
YOTC	Yotoco, Valle	24.33	347	eP	P	23 45 08.7	+3.9
TOLC	Tolima	24.33	347	eP	P	23 45 11.5	+2.9
RREF	El Recreo	25.04	350	eP	P	23 45 13.5	+1.7
SMTB	Santa Maria do P	25.19	67	eP	P	23 45 12.0	-0.5
PLMC	San Jos del P	25.22	348	eP	P	23 45 15.0	+2.2
NORC	Norasica	25.22	351	eP	P	23 45 16.9	+0.5
RUSC	La Rusia	25.74	355	eP	P	23 45 17.8	-0.2
BOC	Bolivar	25.10	102	eP	P	23 45 22.4	+1.5
SDBA	SAO DESIDERIO	26.16	77	eP	P	23 45 22.2	+0.9
ZARC	Zaragoza, Cauca	27.51	352	eP	P	23 45 33.2	-0.2
TMB	Tom-Au,PA,BR	28.40	55	eP	P	23 45 42.3	+0.9
SMLC	San Martin de	28.71	354	eP	P	23 45 4	

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like MDOK Medeo, KOTS Kotyrbulak, BOOM Boomskeye usch, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like SGDS, AML Almayashu, EKS2 Erkin-Say, etc.

ICD 02 07 08:57.9,29.0,23.70S:70.09E,h0km,mb3.5/3, mb1 3.7/3,mb1mx3.5/3,mbtmp3.5/3, Error ellipse: s-maj=946.0km s-min=44.8km az=52.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

ICD 02 07 23:32.6,4.1,23.95N:94.10E,h66km,mb3.5/8, mb1 3.6/9,mb1mx3.3/50,mbtmp3.7/9,ML4.1/1,MS4.0/1, Ms1 4.0/1,ms1mx2.7/34, Error ellipse: s-maj=55.7km s-min=14.1km az=61.0

NDI 02 07 23:33.0,3.8,24.09N:94.08E,h84km,38km,ML3.8, ICD 02 07 23:33.8,1.0,24.08N:0.05,93.92E,0.06,h86km,10km, n29, c221/42, mb3.8/8, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like IMP Imphal, KOHI KOHIMA, SAIH SAIH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like GKN, DANN Danging, AAK Ala-Archa, etc.

TEH 02 07 56:29.8,30.81N:51.61E,h9km,ML3.4, KISR 02 07 56:33.0,0.8,30.75N:51.24E,h175km,140km,ML4.2, Hypocentre not reviewed by the ISC

DSN 02 07 56:37.1,2.0,30.14N:51.53E,h10km,ML3.7/8, Error ellipse: s-maj=32.5km s-min=10.6km az=22.0

ISC 02 07 56:30.5,1.1,30.69N:0.06,51.55E,0.07,h10km,Res e1944/35, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like KAZI Kazerun, IRAM Rameshah, SHI Shiraz, etc.

ICD 02 07 56:47.9,0.6,6.41N:60.30E,h0km,mb4.0/18, mb1 4.1/18,mb1mx3.9/43,mbtmp4.0/18,MS4.2/13, Ms1 4.2/13,ms1mx3.9/46, Error ellipse: s-maj=18.6km s-min=15.7km az=149.0

NEIC 02 07 56:49.9,0.8,6.54N:0.05,60.2E,0.1,h10km,1km, mb4.4/20, Error ellipse: s-maj=19.0km s-min=8.5km az=94.0

GCMT 02 07 56:50.9,0.2,6.60N:0.01,60.11E,0.01,h12km, MW5.1/124, Moment Tensor Solution. s60,C72; s124,c203; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=-2.21e+07; Mw=0.14e+28; Best double couple: Ms5.32900x10^16 Np1=136.00000; s23.00000; l-66.00000; NP2=287.00000; s61.00000; l-105.00000; Principal axes: T: 5.2140, P: 14.0000, Azm28.0000; N: 0.0300, P: 13.0000; Azm295.0000; P -5.3440, P: 17.0000, Azm164.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function

ISC 02 07 56:51.7,0.6,6.5N:0.1,60.24E,0.08,h23km,n46, c0588/41,mb4.3/26,MS4.1/11, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like WSAR Wadi Sarin, DAMY Dhamar, ATDY Artta Tunse, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, KBA, DPC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WB2, ASAR, AS31, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JTS, CCX, SFX, etc.

PLE		iSn	S	08 33 39.8 -2.4
CASP	Castiglione de	4.50 311 Pn	Pn	08 32 46.5 +1.1
KPRO	Kipourio	4.52 388 P	P	08 32 48.1 +2.2
FNA	Florida	4.58 77 P	Pn	08 32 48.0 +1.7
FNA	Florida	4.58 77 P	Pn	08 32 48.0 +1.7
FNA	Florida	4.58 77 P	Pn	08 32 48.0 +1.7
UDBI	Udina	4.60 3 P	Pn	08 32 47.9 +1.2
PDO	Prodromos	4.62 105 P	Pn	08 32 48.3 +1.3
NVLJ	Novajia	4.65 355 P	Pn	08 32 48.2 +1.0
RUDO	Rudo	4.69 37 ePn	Pn	08 32 48.5 +0.8
VSL	Villasalto	4.73 267 Pn	Pn	08 32 48.0 +0.5
SJES	Sjenica	4.79 320 Pn	Pn	08 32 48.2 +1.1
OSSC	Osservatorio P	4.79 320 Pn	Pn	08 32 50.4 +1.6
HAPS	Han Pijesak, BI	4.89 311 Pn	Pn	08 32 50.4 +0.3
BBLs	Lazići	4.90 351 Pn	Pn	08 32 51.5 +1.3
SKO	Skopje	4.95 64 i P	Pn	08 32 52.2 +1.5
BLY	Banja Luka	4.97 141 Pn	Pn	08 32 52.2 +1.5
BLY	Banja Luka	4.97 141 AML	AML	08 32 52.2 +1.5
BLY	comp=N,162mu,0.6s		AML	
BLY	comp=N,169mu,0.6s		AML	
BLY	comp=E,128mu,0.8s		AML	
BLY	comp=E,125mu,0.4s		AML	
EVR	Evyntania	5.00 100 P	Pn	08 32 53.9 +2.4
MAKR	Makrami, Fth	5.23 98 P	Pn	08 32 56.8 +2.7
DRO	Drossia	5.24 10 P	Pn	08 32 56.4 +2.1
DIVS	Divibare	5.35 371 Pn	Pn	08 32 56.5 +1.0
DIVS	Divibare	5.35 37 Pn	Pn	08 32 55.6 +0.1
TRIZ	Trizonia	5.38 105 P	Pn	08 32 57.8 +2.2
AGG	Agios Georgios	5.43 98 Pn	Pn	08 32 58.1 +2.3
AGG	Agios Georgios	5.43 98 Pn	Pn	08 32 58.0 +2.2
LIT	Litokhoron	5.38 86 P	Pn	08 32 56.7 +0.8
LIT	Litokhoron	5.38 86 P	Pn	08 32 56.0 0.0
LIT	Litokhoron	5.38 86 P	Pn	08 32 56.0 0.0
KALE	Kalitheia	5.40 104 P	Pn	08 32 58.8 +2.6
AMT	Artemida-Makis	5.43 114 P	Pn	08 32 52.0 +1.5
RIV	Rijeka	5.44 353 P	Pn	08 32 57.3 +0.8
RIV	Rijeka	5.44 353 Pn	Pn	08 32 57.3 +0.8
TKFS	Tekerijs	5.50 32 ePn	Pn	08 32 58.4 +1.1
PGF	Pioggiola	5.54 300 ePn	Pn	08 32 57.0 -0.9
PGF	PGF	5.54 300 eSn	S	08 34 00.4 -4.4
VAY	Valandovo	5.57 73 i P	Pn	08 32 59.5 +1.4
BOJS	Bojanci	5.57 358 i P	Pn	08 32 59.5 +1.4
GBRS	Gornja Briga	5.62 355 i P	Pn	08 32 60.0 +1.3
KNDS	Knezji Dol	5.65 352 i P	Pn	08 32 59.9 +0.8
WLC	Willacolemand	5.68 360 P	Pn	08 33 00.2 +0.9
OZLJ	Ozalj	5.68 360 P	Pn	08 33 00.2 +0.9
DSF	Desfina	5.68 103 P	Pn	08 33 01.3 +1.7
AXAR	Agios Charalam	5.68 100 P	Pn	08 33 01.7 +2.1
SKDS	Skadanscina	5.71 350 i P	Pn	08 33 00.3 +0.5
ITH	Ithomi	5.75 117 Pn	Pn	08 33 01.7 +1.3
ITH	Ithomi	5.75 117 Pn	Pn	08 33 00.8 +0.4
KNT	Kendrikon	5.78 75 P	Pn	08 33 02.2 +1.5
CEY	Cerknica	5.85 353 Pn	Pn	08 33 01.9 +0.4
HORT	Horiatia	5.87 81 P	Pn	08 33 02.8 +1.0
VISS	Visnje	5.89 356 i P	Pn	08 33 03.0 +1.1
CRIS	Cresnjev	5.92 360 i P	Pn	08 33 02.1 +0.2
ZAG	Zagreb	5.90 3 ePn	Pn	08 33 02.7 +0.7
TRI	Trieste	5.91 348 P	Pn	08 33 00.9 -1.2
TRI	Trieste	5.91 348 Pn	Pn	08 33 00.9 -1.2
GCIS	Gornji Cirkic	5.93 1 i P	Pn	08 33 03.4 +1.0
FTJ	Furjaska	5.98 3 P	Pn	08 33 03.7 +0.6
TELO	Teolo	6.01 32 P	Pn	08 33 05.1 +1.6
FRGS	Fruska Gora	6.12 301 Pn	Pn	08 33 05.1 +0.4
PKDS	Podkum	6.14 357 i P	Pn	08 33 05.9 +1.0
LJU	Ljubljana	6.15 354 Pn	Pn	08 33 06.1 +1.1
LJU	Ljubljana	6.15 354 Pn	Pn	08 33 05.6 +0.6
VOJS	Vojsko	6.23 31 P	Pn	08 33 05.4 +0.5
MSSA	Malissana	6.23 31 P	Pn	08 33 05.5 +0.4
KALN	Kalnik	6.24 6 P	Pn	08 33 06.5 +0.4
KEST	Kesra	6.42 231 P	Pn	08 33 09.5 +0.9
comp=E,0.4nm,0.3s,baz=225,slow=1.4,SNR=6.1				
VTS	Vitosha	6.65 63 Pn	Pn	08 33 09.6 +1.0
OBKA	Obir	6.61 354 i P	Pn	08 33 12.1 +1.4
OBKA	Obir	6.61 354 ePn	Pn	08 33 11.7 +1.0
STAL	STALIGIAL	6.64 343 P	Pn	08 33 10.9 -0.2
MDVR	Moldovna	6.65 42 P	Pn	08 33 13.9 +2.2
CTI	Castel Tesino	6.73 337 Pn	Pn	08 33 13.7 +0.6
CTI	Castel Tesino	6.73 337 Pn	Pn	08 33 11.4 -0.8
SALO	Salr	6.75 329 P	Pn	08 33 11.0 -1.4
SOKA	Soboth	6.75 357 i P	Pn	08 33 13.3 +0.9
comp=E,2.7nm,0.9s,SNR=7.4				
MYKA	Terra Mystica	6.83 349 i P	Pn	08 33 14.6 +1.3
ZOU	Zouplian	6.87 345 P	Pn	08 33 12.5 -1.5
ABTA	Abfalterbach	7.15 343 i P	Pn	08 33 18.3 +1.0
comp=E,5.98nm,0.5s,SNR=20				
SBF	Sospel	7.17 306 eSn	Pn	08 33 17.5 -0.1
SBF	Sospel	7.17 306 eSn	S	08 34 37.1 -3.9
TH	Tihany	7.18 13 ePn	Pn	08 33 19.1 +1.5
BZS	Buzias	7.25 36 P	Pn	08 33 20.4 +1.1
KBA	Koelnbreinsper	7.31 348 ePn	Pn	08 33 20.1 +0.7
KBA	Koelnbreinsper	7.31 348 ePn	Pn	08 33 20.1 +0.7
KBA	Koelnbreinsper	7.31 348 ePn	Pn	08 33 20.1 +0.7
comp=E,1.1nm,0.8s				
ARSA	Arzberg	7.32 0 ePn	Pn	08 33 20.1 +0.7
MPLR	Magyarpolny	7.39 11 ePn	Pn	08 33 22.0 +1.8
LML	La Moure	7.53 300 ePn	Pn	08 33 21.7 -0.3
FRF	La Foret Royal	7.53 302 ePn	Pn	08 33 21.6 -0.4
FRF	La Foret Royal	7.53 302 eSn	S	08 34 44.8 -4.2
comp=E,1.3nm,0.4s				
CSKK	Cskako	7.70 14 ePn	Pn	08 33 25.7 +1.7
SIRR	Siria	7.78 33 P	Pn	08 33 26.7 +1.7
SOP	Sopron	7.79 5 ePn	Pn	08 33 26.5 +1.4
WTTA	Wattenberg	7.84 340 ePn	Pn	08 33 27.8 +1.9
comp=E,1.1nm,0.5s				
WTTA	Wattenberg	7.84 340 ePn	Pn	08 33 26.8 +0.9
FETA	Feichten	7.88 336 i P	Pn	08 33 27.0 +0.5
comp=E,1.7nm,0.7s,SNR=5.2				
SQTA	Sanct Quirin	7.92 338 ePn	Pn	08 33 29.1 +2.3
comp=E,1.1nm,0.4s				
TUE	Stuetta	7.92 328 P	Pn	08 33 26.3 -0.7
WATA	Walderalm	7.92 340 i P	Pn	08 33 27.8 +0.8
comp=E,1.5nm,0.5s,SNR=7.4				
MOA	Mollin	7.96 354 ePn	Pn	08 33 28.6 +1.2
comp=E,5.2nm,0.5s				
MOA	Mollin	7.96 354 ePn	Pn	08 33 28.5 +1.2
DAVOX	Davos/Dischmat	7.97 331 P	Pn	08 33 28.0 +0.5
comp=E,5.6nm,0.3s,baz=131,slow=5.5,SNR=37				
DAVOX	Davos/Dischmat	7.97 331 P	Pn	08 33 28.0 +0.5
CONA	Conrad Observa	8.00 2 ePn	Pn	08 33 29.1 +1.3
comp=E,1.4nm,1.1s				
MBDF	Montbardon	8.03 309 ePn	Pn	08 33 28.7 +0.3
MOTA	Mosalm	8.06 338 ePn	Pn	08 33 29.7 +1.0
comp=E,2.7nm,0.7s				
SRO	Srobarova	8.14 14 ePn	Pn	08 33 31.5 +2.1
SRO	Srobarova	8.14 14 ePn	Pn	08 33 31.5 +2.1
BNI	Bardonecchia	8.27 311 P	Pn	08 33 28.6 -2.7
BNI	Bardonecchia	8.27 311 Pn	Pn	08 33 28.6 -2.7
RETA	Reutte	8.39 337 i P	Pn	08 33 32.4 +1.0
comp=E,1.2nm,0.7s,SNR=5.1				
ZST	Bratislava	8.34 7 ePn	Pn	08 33 33.4 +1.4
ZST	Bratislava	8.34 7 ePn	Pn	08 33 33.4 +1.4
AVE	Apeliranthos	8.38 107 P	Pn	08 33 31.8 -0.8
AFE	Apeiranthos	8.38 107 P	Pn	08 33 32.5 +1.1
DAPE	Damouk	8.40 333 i P	Pn	08 33 33.7 +0.9
comp=E,1.9nm,0.6s,SNR=6.7				
DAVA	Damuels	8.40 333 ePn	Pn	08 33 33.5 +0.7
LPL	La Plagne	8.50 314 ePn	Pn	08 33 35.0 +0.8
LPL	La Plagne	8.50 314 ePn	Pn	08 33 34.2 +2.2
MODS	Modra-Piesok	8.54 8 ePn	Pn	08 33 34.6 +0.2
MODS	Modra-Piesok	8.54 8 ePn	Pn	08 33 34.6 +0.2
PSZ	Piszkesteto	8.59 20 P	Pn	08 33 36.4 +1.2
PSZ	Piszkesteto	8.59 20 ePn	Pn	08 33 36.3 +1.2
PSZ	Piszkesteto	8.59 20 P	Pn	08 33 35.3 +0.2
PSZ	Piszkesteto	8.59 20 P	Pn	08 33 35.2 +0.2
DRGR	Dreghda	8.64 35 P	Pn	08 33 37.2 +1.4
UBR	Ueberruh	8.66 335 ePn	Pn	08 33 36.4 +0.4
ORIF	Oris-en-Rattie	8.67 308 ePn	Pn	08 33 36.9 +0.7
SMOL	Smolenice	8.69 9 ePn	Pn	08 33 37.5 +1.2
SMOL	Smolenice	8.69 9 ePn	Pn	08 33 37.5 +1.2
SENIH	Lac Senin/Sane	8.78 320 Pn	Pn	08 33 36.6 +0.6
IDI	Anoyia	8.79 119 P	Pn	08 33 39.8 +2.0
comp=E,1.3nm,0.3s,baz=111,slow=15,SNR=6.2				
VYHS	Vyhne	8.89 15 ePn	Pn	08 33 39.8 +1.0
VYHS	Vyhne	8.89 15 ePn	Pn	08 33 39.8 +1.0

VOIR		8.94 49 Pn	Pn	08 33 41.0 +1.6
CJR	Cluj-Napoca	8.99 38 Pn	Pn	08 33 42.1 +2.0
GECC	GERESS Array S	9.00 352 ePn	Pn	08 33 39.4 -0.8
GECC	GERESS Array S	9.00 352 ePn	Pn	08 33 40.4 +0.2
GECC	GERESS Array S	9.00 352 ePn	L	08 33 33.2
comp=E,5.54nm,23.4s				
GERES	GERESS Array B	9.00 352 P	Pn	08 33 40.4 +0.2
comp=E,1.4nm,0.3s,baz=167,slow=12,SNR=41				
JAVC	Velka Javorina	9.06 9 ePn	Pn	08 33 43.1 +2.2
KRUC	Moravsky Berou	9.15 4 ePn	Pn	08 33 42.9 +0.5
KHC	Kasperske Hory	9.30 352 i P	Pn	08 33 44.3 +0.4
KHC	Kasperske Hory	9.30 352 ePn	Pn	08 33 44.3 +0.4
comp=E,2.65nm,3.4s				
KHC	Kasperske Hory	9.30 352 ePn	Pn	08 33 44.3 +0.4
KHC	Kasperske Hory	9.30 352 ePn	Pn	08 33 44.3 +0.4
WIF	Wulfen	9.39 305 ePn	Pn	08 33 47.7 +1.5
WET	Wetzell	9.39 349 ePn	Pn	08 33 47.7 +1.5
VRAC	Vranov	9.41 4 Pn	Pn	08 33 46.5 +1.3
comp=E,1.5nm,0.3s,baz=189,slow=12,SNR=20				
VRAC	Vranov	9.41 4 Pn	Pn	08 33 46.4 +1.3
VRAC	Vranov	9.41 4 Pn	Pn	08 33 46.2 +1.0
MLR	Muntele Rosu	9.49 51 P	Pn	08 33 48.6 +2.3
LABF	La Chapelle	9.56 317 ePn	Pn	08 33 47.7 +1.5
LASF	Ste Croix	9.59 299 ePn	Pn	08 33 45.8 -0.3
LANS	Liptovska Anna	9.64 16 ePn	Pn	08 33 50.6 -2.2
LANS	Liptovska Anna	9.64 16 ePn	Pn	08 33 50.6 -2.2
BFO	Black Forest	9.84 331 ePn	Pn	08 33 51.1 +0.6
BFO	Black Forest	9.84 331 Pn	Pn	08 33 49.6 -0.9
BFO	Black Forest	9.84 331 ePn	L	08 33 50.8 +0.3
BFO	Black Forest	9.84 331 ePn	L	08 54 07.7
comp=E,2.456nm,36.2s				
MORC	Moravsky Berou	9.95 8 Pn	Pn	08 33 53.6 +1.7
MORC	Moravsky Berou	9.95 8 ePn	Pn	08 33 52.7 +0.8
HINF	Hinterfeld	10.04 325 ePn	Pn	08 33 51.7 -1.3
PRU	Prunice	10.08 357 ePn	Pn	08 33 55.8 -1.7
WIC	Wulfen	10.08 357 ePn	Pn	08 33 55.8 -1.7
OKC	Ostrava-Krasne	10.08 10 ePn	P	08 34 00.4 +2.8
KRLC	Kraliky	10.18 5 ePn	Pn	08 33 55.9 +1.1
KRLC	Kraliky	10.18 5 ePn	Pn	08 33 55.9 +1.1
KOLS	Kolonick sedl	10.22 26 ePn	P	08 33 58.4 -0.8
KOLS	Kolonick sedl	10.22 26 ePn	P	08 33 58.4 -0.8
CDF	Champ du Feu	10.32 328 ePn	Pn	08 33 56.1 -0.4
HPU	Haudoumont	10.41 324 ePn	Pn	08 33 56.9 -0.7
DPC	Dobruska-Polom	10.43 3 ePn	Pn	08 34 00.4 -1.2
MTFL	Montlieux	10.49 293 ePn	Pn	08 34 00.2 +1.5
UPC	Ustice	10.58 2 ePn	P	08 34 02.1 -1.1
UPC	Ustice	10.58 2 ePn	P	08 34 02.1 -1.1
OSTC	Ostas	10.64 3 ePn	P	08 34 03.2 -0.6
CHVC	Chvalec	10.66 2 ePn	Pn	08 34 02.8 -1.3
SMF	Signal de Mont	10.81 312 ePn	Pn	08 34 00.5 -2.0
BRG	Berggiesshubb	10.99 355 i P	Pn	08 34 05.9 +1.2
BRG	Berggiesshubb	10.99 355 i P	Ampp	08 34 06.5
comp=E,2.7nm,0.5s				
BRG	Berggiesshubb	10.99 355 i P	Ampp	08 34 06.5
BRG	Berggiesshubb	10.99 355 i P	Pn	08 34 05.9 +1.2
BRG	Berggiesshubb	10.99 355 i P	Pn	08 34 05.9 +1.2
BRG	Berggiesshubb	10.99 355 i P	Ampp	08 34 06.5
comp=E,2.19nm,0.9s				
CAF	Caliav	11.10 301 ePn	P	08 3

SGSI			S	Sn	08 43 17.4 +2.2
SJI	Sorong	4.22 143	Pn	Pn	08 42 48.9 +0.9
SJI	Sorong	4.22 142	Pn	Pn	08 42 48.6 +0.5
31nm,0.3s,baz=115,slow=18,SNR=76					
SJI	comp=Z,1.7m,1.7s,baz=310,slow=42		LR	LR	08 44 44.2
DDMP	Don Marcelino,	4.65 320	eP	Pn	08 42 57.8 +3.9
DDMP			eS	Pn	08 43 51.3 +4.6
MATI	Cati	5.04 331	eP	Pn	08 43 08.1 +8.8
KMSI	Cibinong	0.90 248	P	Pn	08 43 01.5 +1.6
0.9nm,329m934nm,1.0s					
SANI	Sanana	5.27 211	P	Pn	08 43 03.4 +0.9
0.2nm58nm,1.1s					
KCP	Kidapawan	5.74 321	P	Pn	08 43 11.3 +2.4
SKMP	Bagumbayan, Su	5.75 314	eP	Pn	08 43 09.7 +0.7
SKMP			eS	Pn	08 44 14.3 +0.6
GTOI	Gorontalo	5.98 252	P	Pn	08 43 13.9 +1.7
0.3nm896m92nm,0.8s					
BUKP	Musuan	6.45 326	eP	Pn	08 43 20.9 +2.2
BUKP			eS	Pn	08 44 35.2 +4.2
FAKI	Fak Fak	6.46 147	Pn	Pn	08 43 20.5 +1.8
FAKI	Fak Fak	6.46 147	P	Pn	08 43 19.9 +1.2
0.2nm47m,0.6s					
LUWI	Luwuk	6.89 239	Pn	Pn	08 43 26.3 +1.6
LUWI	Luwuk	6.89 239	P	Pn	08 43 27.4 +2.7
MRSI	Marisa	7.05 253	P	Pn	08 43 28.6 +1.8
0.7nm,2um,139nm,0.6s					
BNDI	Bandanaira	7.09 170	P	Pn	08 43 28.3 +0.9
1.4nm,213nm,1.5s					
BUTP	Butan	7.11 335	eP	Pn	08 43 40.6 +1.3
BUTP			eS	Pn	08 44 28.0 -1.9
PAGZ	Pagadian	7.49 315	eP	Pn	08 43 32.7 -0.2
PAGZ			eS	Pn	08 44 57.0 +3.3
APSI	Ampana	7.82 244	P	Pn	08 43 38.4 +0.9
0.3nm339m87nm,1.0s					
TOLIJ	Tolitoli	8.03 260	Pn	Pn	08 43 40.2 -0.2
MPSI	Mapaga	9.05 256	P	Pn	08 43 54.6 +0.2
838nm49nm,1.1s					
LLP	Lapu-Lapu	9.07 329	eP	Pn	08 44 01.2 +6.6
LLP			eS	Pn	08 44 04.4 +1.0
TTSI	Tana Toraja	10.45 238	P	Pn	08 44 13.4 -0.1
2um,257nm,0.8s					
MYLDM	Lahad Datu	10.51 285	Pn	Pn	08 44 17.6 +3.3
BNSI	Bone	10.99 231	P	Pn	08 44 21.2 +0.3
61nm,0.7s					
SPSI	Sidrap Palu	10.99 234	P	Pn	08 44 21.2 +0.2
BKSI	Bulukumba	11.57 228	P	Pn	08 44 31.7 +2.9
KAPI	Kappang	11.65 230	Pn	Pn	08 44 31.0 +1.1
2.2nm,0.3s,baz=90,slow=7.1,SNR=6.3					
KAPI	Kappang	11.65 230	Pn	Pn	08 44 30.3 +0.4
KPMI	Kota Kinabalu	12.93 286	Pn	Pn	08 44 48.0 +0.4
JAY	Jayapura	13.00 112	LR	LR	08 49 08.5
comp=Z,387nm,20.6s,baz=302,slow=34					
KDU	Kakadu	15.55 166	P	P	08 45 26.6 +0.4
baz=16,SNR=3.6					
SBUM	Sibu	16.46 270	P	Iamb	08 45 35.7 -0.6
SBUM			Iamb	Iamb	08 45 54.0
comp=Z,88nm,1.4s					
FITZ	Fitzroy Crossi	20.70 188	P	P	08 46 22.6 -0.1
baz=21,SNR=4.5					
FITZ	Fitzroy Crossi	20.70 188	P	P	08 46 23.4 +0.6
comp=Z,4.2nm,0.7s,baz=16,slow=12,SNR=7.2					
FITZ	Fitzroy Crossi	20.70 188	P	P	08 46 21.6 -1.1
TJUB	Ta-pu	22.10 340	P	Iamb	08 46 37.0 -0.8
TJUB			Iamb	Iamb	08 46 48.1
comp=Z,50nm,1.1s					
WB0	Warramunga Arr	22.83 166	P	P	08 46 45.8 +0.1
WRAB	Tennant Creek	22.98 166	P	Iamb	08 46 47.8 +0.7
WRAB			Iamb	Iamb	08 46 49.0
comp=Z,44nm,0.8s					
WRA	Warramunga Arr	22.99 166	P	P	08 46 47.3 +0.1
comp=Z,38nm,0.8s,baz=347,slow=9.7,SNR=138					
WRA			ScP	ScP	08 54 08.8 -1.8
comp=Z,2.9nm,0.7s,baz=340,slow=3,SNR=2					
WB2	Warramunga Arr	22.99 166	P	P	08 46 47.4 +0.2
LEM	Lembang	22.99 246	P	P	08 46 48.5 +1.0
comp=Z,65nm,0.9s,baz=197,slow=19,SNR=4.1					
YHNB	Yeheng	23.14 343	P	Iamb	08 46 49.3 +0.5
YHNB			Iamb	Iamb	08 47 08.9
comp=Z,34nm,0.9s					
RABL	Rabaul	24.38 106	P	P	08 47 04.0 +3.5
QIS	Mount Isa	25.45 155	P	P	08 47 10.0 +1.3
baz=26,SNR=73					
PSA00	Pilbara Seism	25.50 199	P	P	08 47 09.8 -0.3
MTSU	Mount Surprise	25.64 144	P	P	08 47 13.7 +1.8
baz=26,SNR=8.7					
AS31	Alice Springs	26.50 169	P	P	08 47 20.2 +0.6
ASAR	Alice Springs	26.50 169	P	P	08 47 20.0 +0.3
comp=Z,4.2nm,0.8s,baz=354,slow=7.9,SNR=62					
ASAR			PcP	PcP	08 50 43.5 -0.4
comp=Z,1.5nm,0.7s,baz=357,slow=2.2,SNR=6.1					
ARKA	Arakurua	27.38 181	P	ScP	08 54 18.3 -2.1
comp=Z,3.3nm,0.8s,baz=343,slow=2,SNR=26					
WSKA	Warakurna	27.38 181	P	P	08 47 27.6 0.0
baz=28,SNR=14					
CTA	Charters Tower	28.30 143	P	P	08 47 37.5 +1.7
comp=Z,5.8nm,0.7s,baz=322,slow=10,SNR=7.2					
CTA0	Charters Tower	28.30 143	P	P	08 47 36.2 +0.4
CTA0			Iamb	Iamb	08 47 39.8
comp=Z,19nm,1.1s					
WHN	Wuhan	31.02 335	P	P	08 47 52.5 -7.2
GSJ	Gunungsitoli	31.12 268	P	P	08 48 01.1 +0.2
GSJ			Iamb	Iamb	08 48 03.8
comp=Z,24nm,1.2s					
FORT	Forrest	33.10 181	P	P	08 48 17.6 -0.4
FORT			Iamb	Iamb	08 48 18.6
comp=Z,1.7nm,0.8s					
CMAR	Chiang Mai Arr	33.18 301	P	P	08 48 18.6 -0.2
comp=Z,2.9nm,1.0s,baz=118,slow=7.3,SNR=11					
CMAR			PcP	PcP	08 51 02.5 +1.3
comp=Z,0.4nm,0.5s,baz=80,slow=1.1,SNR=5.1					
CMAR			ScP	ScP	08 54 41.2 -0.8
CMAT	Chiang Mai	33.33 301	P	P	08 48 31.0 +1.1
INU	Inuyama	33.58 12	P	P	08 48 22.2 +0.1
KMI	Kumming	33.63 314	eP	Pmax	08 48 23.6 +0.6
KMI			Pmax	Pmax	
comp=Z,16nm,0.5s					
KMI			LR	LR	
comp=Z,350nm,15.2s					
KMI			LR	LR	
comp=Z,470nm,14.7s					
RMQ	Roma	34.74 147	P	P	08 48 33.3 +1.1
baz=35,SNR=4.4					
KSRS	Korea Array	34.79 359	P	P	08 48 32.3 -0.2
comp=Z,3.4nm,0.6s,baz=176,slow=9.7,SNR=8.5					
MAT	Matsushiro	34.99 13	P	P	08 48 33.3 -1.1
MAT			P	P	08 54 03.6 +0.3
MJAR	Matsushiro Arr	34.99 13	P	P	08 48 33.4 -1.0
comp=Z,5.1nm,0.7s,baz=185,slow=9.2,SNR=23					
EIDS	Eidsvold	35.20 143	P	P	08 48 37.3 +1.1
EIDS			P	P	08 48 36.7 +0.5
EIDS			Iamb	Iamb	08 48 38.1
comp=Z,18nm,0.9s					
BBOO	Buckleboo	35.81 169	P	P	08 48 42.0 +0.6
baz=36,SNR=9.3					
BBOO	Buckleboo	35.81 169	P	P	08 48 41.4 0.0
BBOO			Iamb	Iamb	08 48 56.9
comp=Z,19nm,1.1s					
STKA	Stevens Creek	36.32 161	P	P	08 48 45.4 +0.6
baz=36,SNR=50					
STKA	Stevens Creek	36.32 161	P	P	08 48 45.4 -0.4
comp=Z,16nm,0.7s,baz=337,slow=8.1,SNR=54					
STKA	Stevens Creek	36.32 161	P	P	08 48 45.4 0.0
CD2	Chengdu	36.79 323	eP	Pmax	08 48 51.2 +1.3
CD2			Pmax	Pmax	
comp=Z,20nm,0.6s					
JMM	Marumori	36.90 16	P	P	08 48 50.2 -0.4
HTT	Hallett	37.03 166	P	P	08 48 53.0 +1.1
baz=37,SNR=3.5					
BJI	Beijing	39.05 345	P	S	08 49 09.2 +0.5
BJI			S	S	08 55 04.9 0.0
comp=Z,9.0nm,0.9s					
BJI			LR	LR	
comp=Z,660nm,13.4s					
BJI			LR	LR	
comp=Z,770nm,19.9s					
BJI			LR	LR	
comp=Z,870nm,21.6s					
ARMA	Armida	39.38 148	P	P	08 49 13.3 +1.5
baz=40,SNR=11					

ARMA	Armida	39.38 148	P	P	08 49 12.3 +0.5
H1S3	WAKE ISLAND Hy	40.46 64	T	T	09 32 41.1
baz=25.1,slow=75,SNR=35					
H1S2	WAKE ISLAND Hy	40.47 64	T	T	09 32 39.3
baz=25.0,slow=75,SNR=35					
H1S1	WAKE ISLAND Hy	40.47 64	T	T	09 32 42.2
baz=25.1,slow=75,SNR=29					
LZH	Lanzhou	40.55 328	eP	P	08 49 23.3 +1.7
LZH			pP	pP	08 49 34.4 +0.7
LZH			sP	sP	08 49 41.9 +3.0
comp=Z,1.7nm,1.3s					
LZH			Pmax	Pmax	
comp=Z,80nm,4.9s					
LZH			LR	LR	
comp=Z,700nm,15.2s					
LZH			LR	LR	
comp=Z,820nm,17.9s					
LZH			LR	LR	
comp=Z,960nm,18.4s					
ARPS	Mount Arapiles	40.95 164	P	P	08 49 26.0 +1.4
baz=41,SNR=7.0					
H1N1	WAKE ISLAND Hy	41.04 63	T	T	09 33 16.7
H1N2	WAKE ISLAND Hy	41.05 63	T	T	09 33 17.5
baz=25.0,slow=75,SNR=17					
H1N3	WAKE ISLAND Hy	41.06 63	T	T	09 33 18.5
baz=25.0,slow=75,SNR=17					
HHC	Hu-ho-hao-te	41.19 340	eP	P	08 49 28.0 +1.4
HHC			Pmax	Pmax	
comp=Z,7.0nm,1.0s					
HHC			Pmax	Pmax	
comp=Z,180nm,6.0s					
HHC			LR	LR	
comp=Z,400nm,14.6s					
HHC			LR	LR	
comp=Z,350nm,15.0s					
HHC			LR	LR	
comp=Z,380nm,14.9s					
CN2	Changchun	41.22 356	eP	P	08 49 30.0 +3.3
USRK	Ussuriysk Arr	41.62 4	P	P	08 49 30.1 +0.1
comp=Z,12nm,0.7s,baz=186,slow=7.6,SNR=29					
LSA	Lhasa	44.72 311	P	P	08 49 53.6 -2.2
LSA			Iamb	Iamb	08 50 08.0
comp=Z,12nm,1.1s					
GTA	Goat'ai	45.16 328	P	P	08 49 59.4 +0.7
GTA			pP	sP	08 50 17.9 +1.6
GTA			PcP	PcP	08 51 39.7 +1.1
GTA			ScP	ScP	08 55 25.5 -2.3
GTA			Pmax	Pmax	
comp=Z,3.0nm,0.9s					
KLK	Kuldiya	46.62 3	P	P	08 50 09.6 -0.4
comp=Z,3.8nm,0.8s,baz=199,slow=4.5,SNR=13					
ULN	Ulanbaatar	48.90 341	P	Iamb	08 50 27.5 -0.3
ULN			Iamb	Iamb	08 50 40.4
comp=Z,10.0nm,1.1s					
SOMN	Songio Array	49.09 340	P	P	08 51 29.3 +0.1
comp=Z,2.0nm,0.6s,baz=150,slow=8.4,SNR=15					
SOMN			PcP	PcP	08 51 52.8 +0.4
HYB	Hyderabad	51.38 290	eP	P	08 50 47.0 +0.1
HYB			P	P	08 50 57.0
WMQ	Urumqi	54.85 324	eP	P	08 51 13.8 +1.7
WMQ			Pmax	Pmax	
comp=Z,12nm,0.7s					
WMQ			LR	LR	
comp=Z,510nm,8.3s					
WMQ			LR	LR	
comp=Z,300nm,5.1s					
PETK	Petrovlovsk-	55.84 21	P	P	08 51 19.4 +0.3
comp=Z,8.8nm,0.7s,baz=189,slow=4.0,SNR=20					
ZSN	Zaisan	58.60 327	eP	P	08 51 38.7 +0.1
baz=326					
YAK	Yakutsk	59.39 1	P	P	

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like MASBT Mashbuluo, SSPT Xinbi, TSMC Malja, etc.

IDC 02 09:27:43.0.2.4, 5.11S, 130.10E, h176km, 31km, mb2.8/1, mb1 3.3/5, mb1mx3.0/40, mbtmp3.8/5, Error ellipse: s-maj=63.9km s-min=16.2km az=79.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

MAN 02 09:33:55.2, 8.52N, 125.84E, h0km, mb5.3, ML4.2, MS4.4 IDC 02 09:33:58.1, 3.5, 8.22N, 125.91E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/42, mbtmp3.4/3, MS3.5/1, ms1mx2.7/28, Error ellipse: s-maj=305.0km s-min=28.1km az=65.0

ISC 02 09:33:56.0.1.0, 8.55N, 0.04, 125.83E, 0.07, h10km, n16, r103/10, mb3.4/3, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BUTP Butuan, GLSP General Luna, MATI Mati, etc.

IDC 02 09:38:19.1, 2.4, 37.40N, 142.52E, h0km, mb3.4/2, mb1 3.6/5, mb1mx3.4/41, mbtmp3.5/5, ML2.0/2, Error ellipse: s-maj=41.1km s-min=26.0km az=72.0

JMA 02 09:38:22.9.0.1, 37.70N, 142.11E, h32km, 2km, M3.5 ISC 02 09:38:20.3.1.9, 37.69N, 0.04, 142.25E, 0.07, h13km, 11km, n19, r163/29, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like JIKH Ishinomakikobu, JMO Ouri, JMT Minamisoumatoc, etc.

JMA 02 09:46:57.4.0.2, 32.92N, 137.79E, h398km, M3.6 IDC 02 09:47:02.0.0.9, 33.02N, 137.82E, h373km, 9km, mb2.7/6, mb1 2.9/9, mb1mx2.8/35, mbtmp3.5/9, Error ellipse: s-maj=21.2km s-min=15.9km az=62.0

ISC 02 09:47:01.0.1.0, 33.20N, 0.09, 137.90E, 0.09, h400km, n28, r246/32, mb2.9/6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like TTO3 TONANKAI O.B.S, TJO3 TONANKAI O.B.S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like JKN2 Miekikohu, JYU Wachi, JAG Asnikaga, etc.

PRU 02 09:56:39.1, 0.0, 44.60N, 16.74E, h0km RHSSO 02 09:56:40.6.0.3, 44.62N, 16.69E, h0km, 2km, ML2.7/13 DUGI 02 09:56:40.6.0.2, 44.60N, 16.67E, h0km, ML2.7/13

ISC 02 09:58:39.7.1.0, 44.58N, 0.02, 16.75E, 0.02, h8km, 9km, n72, r127/121, 2C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BLY Banja Luka, PRIJ Prijedor, KIJV Kijevo, etc.

comp=Z.88nm, 0.5s IAML

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like HVAR Hvar, PUNJ Puntijarka, GORN Gornji Cirkic, etc.

comp=Z.43nm, 0.5s IAML

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like STON Ston, BEHE Becehely, PDK Podukum, etc.

OBKA Obir, comp=Z.6.6nm, 0.3s eSn

IVAS Ivanjica, SSES Sjenica, SSES Sjenica, ARSA Arzberg, ARSA Arzberg, comp=Z.4.9nm, 0.4s, SNR=3.9

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like PDG Podgorica, PRMG Pruzica, DRME Dracevica, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like ZST Bratislava, ABTA Abfaltersbach, MOA Molin, etc.

IDC 02 10:06:18.3.0.5, 40.89S, 91.82W, h0km, mb4.2/1, mb1 4.4/12, mb1mx4.2/34, mbtmp4.2/12, ML3.7/1, MS4.3/11, MS1 4.3/11, ms1mx4.0/26, Error ellipse: s-maj=24.2km s-min=18.4km az=83.0

NEIC 02 10:06:20.6.1.3, 40.90S, 0.10, 91.8W, 0.1, h10km, 1km, mb4.6/32, Error ellipse: s-maj=21.1km s-min=11.3km az=311.0

GCMT 02 10:06:21.6.0.3, 40.75S, 0.03, 91.72W, 0.02, h15km, 1km, MW5.0/92, Moment Tensor Solution, s39,c44, s92,c123; Duration: 0 Moment tensor: Scale 1016Nm; Mr-3.33, 2.1; Mw-0.61, 1.2; Mw3.94, 1.5; Mw2.06, 3.5; Mw-0.18, 0.9; Mw0.04, 2.3; Best double couple: Mw4.1940, 0.15; Mw1.1, 203.00000; Mw1.1, 0.00000; Mw1.1, -52.00000; Mw3.32, 0.00000; Mw3.32, 0.00000; Mw3.32, 0.00000; Principal axes: T 3.9470, Plg0.0000, Azm88.0000; N 0.4940, Plg28.0000, Azm357.0000; P -4.4400, Plg62.0000, Azm178.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 10:06:20.2.0.5, 40.85S, 0.08, 91.79W, 0.09, h10km, n84, r059/68, mb4.4/19, MS4.4/12, West Chile Rise

Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, etc.

comp=Z.34nm, 1.3s PLCA Paso Flores, 16.09 97 Pn

comp=Z.0.1mm, 0.3s, baz=280, slow=13, SNR=7.7 PLCA Paso Flores, 16.09 97 Pn

comp=Z.2um, 20.3s, baz=276, slow=32 PLCA Paso Flores, 16.09 97 Pn

comp=Z.33nm, 1.3s GO09 Cerro Castillo, 17.00 134 IAmB

comp=Z.48nm, 1.2s GO09 Renca, 18.34 73 P IAmB

comp=Z.88nm, 1.2s MT05 San Esteban, 18.80 71 P IAmB

comp=Z.57nm, 1.2s VA03 Combarbal, 19.34 67 Pn IAmB

comp=Z.68nm, 1.2s RP1 Rapu Nui, 19.92 308 LR IAmB

comp=Z.166nm, 19.2s, baz=123, slow=30 CO01 Juntas del Tor, 20.69 65 P

comp=Z.48nm, 1.2s ZON Zonda, 20.79 71 P IAmB

comp=Z.48nm, 1.2s LCO Las Campanas, 20.88 62 P IAmB

comp=Z.34nm, 1.1s AC05 El Transito, 21.28 62 P

comp=Z.32nm, 1.1s AC02 Maricunga, 23.36 60 P

comp=Z.12nm, 1.2s GO02 Mina Guanaco, 24.22 57 P

comp=Z.17nm, 1.1s LVC Limon Verde, 26.51 54 LR

comp=Z.650nm, 19.0s, baz=218, slow=31 GO01 Chusima, 28.00 49 P

comp=Z.373nm, 19.4s, baz=314, slow=30 PMSA Palmer Station, 28.79 156 LR

comp=Z.11nm, 1.2s PB16 IPOC Station P, 29.49 47 P

comp=Z.1.1nm, 1.2s CPUP Villa Florida, 31.93 74 P

comp=Z.1.4nm, 0.5s, baz=246, slow=16, SNR=4.2 SIV San Ignacio, 36.33 56 P

comp=Z.528nm, 20.9s, baz=247, slow=12, SNR=4.8 SIV San Ignacio, 36.33 56 P

comp=Z.1.2nm, 0.8s, baz=270, slow=10, SNR=4.8 SIV San Ignacio, 36.33 56 P

comp=Z.1.1nm, 0.7s, baz=268, slow=4, SNR=5.3 HOPE Hope Point, 38.65 129 P

comp=Z.855nm, 25.8s RKT Rikitea, 40.21 283 eLR

comp=Z.1.0nm, 1.3s BELA Belgrano 2, 43.63 165 P

comp=Z.256nm, 18.2s, baz=254, slow=35 BDBF Brasilia, 45.39 69 LR

comp=Z.2.3nm, 0.8s, baz=124, slow=0.7, SNR=14 QSPA South Pole Qiu, 49.38 180 P

comp=Z.2.3nm, 0.8s, baz=124, slow=0.7, SNR=14 QSPA South Pole Qiu, 49.38 180 P

comp=Z.9.3nm, 1.2s VNA3 Neumayer Olymp, 49.45 155 P

comp=Z.5.48nm, 25.9s VNA1 Neumayer-Stat, 50.15 154 P

comp=Z.5.48nm, 25.9s VNA2 Neumayer-Watz, 50.15 154 P

comp=Z.1.1nm, 1.2s SNA3 Sanae, 51.50 156 P

comp=Z.1.1nm, 1.2s SDV Santo Domingo, 53.20 26 P

comp=Z.5.48nm, 25.9s TAOE Nuku Hiva Isla, 53.29 193 eLR

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

comp=Z.1.0nm, 0.8s, baz=126, slow=7.6, SNR=3.7 VNA4 Neumayer Olymp, 49.45 155 P

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like G03D7, N02D, FS02D, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like PABG, CWC, PSUT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like MONP2, SWSC, IKP, etc.

KSU1	baz=319,SNR=22	26.34	104	P	P	10 21 12.0	+0.1
KSU1	Kansas State U	26.34	104	IAMS_20	IAMS_20	10 31 42.6	
KSU1	Kansas State U	26.34	104	IAMS_20	IAMS_20	10 31 42.6	
MNTX	Cornudas Mount	26.62	127	P	P	10 21 14.6	+0.2
MNTX	Cornudas Mount	26.62	127	IAMS_20	IAMS_20	10 32 18.1	
U32A	Winter Ranch	26.66	111	P	P	10 21 13.8	-1.1
KAN10	Anthony SW Sta	26.70	109	P	P	10 21 13.8	-1.4
K38A	Parkersburg	26.74	93	P	P	10 21 13.1	-2.3
K38A				IAMB	IAMB	10 21 20.2	
GD12	Guadalupe Moun	26.74	125	P	P	10 21 14.8	-0.9
SCIA	State Center	26.85	95	P	P	10 21 16.6	+0.2
SCIA	State Center	26.85	95	P	P	10 21 16.1	-0.3
SCIA				IAMB	IAMB	10 21 21.3	
SCIA	comp=Z,51nm,1.1s			IAMS_20	IAMS_20	10 31 54.9	
KS21	Milan North St	26.86	108	IAMS_20	IAMS_20	10 32 16.5	
G40A	Rib Lake	27.10	86	P	P	10 21 18.7	0.0
G40A				IAMB	IAMB	10 21 20.1	
KAN13	South Haven 1S	27.15	108	P	P	10 21 16.2	-3.0
N38A	Joos South Fw	27.45	97	P	P	10 21 20.0	-1.8
N38A				IAMB	IAMB	10 21 32.6	
N38A	comp=Z,5um,19.0s			IAMS_20	IAMS_20	10 32 23.6	
I40A	Norwalk	27.48	89	P	P	10 21 20.6	-1.5
I40A				IAMB	IAMB	10 21 24.1	
T35A	Sooner Cattle	27.79	107	P	P	10 21 22.9	-2.0
T35A				IAMS_20	IAMS_20	10 32 55.5	
RES	Resolute Bay	27.78	119	P	P	10 21 26.9	+1.5
RES				IAMS_20	IAMS_20	10 32 55.5	
RES	comp=Z,4um,19.1s,ba			LR	LR	10 33 01.1	
RES	Resolute Bay	27.78	119	P	P	10 21 24.6	-0.8
RES				pmax	pmax		
RES	comp=Z,45nm,1.4s			IAMB	IAMB	10 21 24.6	-0.8
RES	Resolute Bay	27.78	119	P	P	10 21 25.1	-1.2
RES				IAMB	IAMB	10 21 53.2	
WMOK	Wichita Mounta	27.93	113	P	P	10 21 25.1	-1.2
WMOK				pmax	pmax		
WMOK	comp=Z,92nm,1.1s			MLR	MLR		
WMOK	Wichita Mounta	27.93	113	P	P	10 21 26.5	+0.2
WMOK				IAMS_20	IAMS_20	10 32 53.0	
WMOK	Wichita Mounta	27.93	113	P	P	10 21 25.1	-1.2
WMOK				IAMB	IAMB	10 21 27.7	
WMOK	Wichita Mounta	27.93	113	IAMS_20	IAMS_20	10 32 53.0	
P38A	Dawn	27.94	100	P	P	10 21 24.3	-1.9
P38A				IAMB	IAMB	10 21 28.4	
L40A	Anamosa	28.02	93	P	P	10 21 25.5	-1.4
L40A				IAMB	IAMB	10 21 31.3	
QUOK	Quay	28.17	109	P	P	10 21 26.7	-1.6
F42A	Maple Grove Fa	28.18	84	P	P	10 21 26.1	-2.2
OK025	Westminster Rd	28.19	110	P	P	10 21 26.8	-1.7
JFWS	Jewell Farm	28.20	91	IAMS_20	IAMS_20	10 32 46.9	
JFWS	Jewell Farm	28.20	91	IAMS_20	IAMS_20	10 32 46.9	
OK031	S. Brethren Rd	28.24	109	P	P	10 21 28.6	-0.3
OK031	Oklahoma City	28.24	111	P	P	10 21 27.2	-1.7
OK030	Cody Creek RV	28.29	103	P	P	10 21 28.2	-1.2
W35A	Tecumseh	28.76	110	P	P	10 21 30.5	-3.1
P40A	Paris	28.92	98	P	P	10 21 32.6	-2.3
P40A				IAMB	IAMB	10 21 36.3	
ABTX	Abielne, Hawle	28.98	117	P	P	10 21 35.1	-0.5
ABTX				IAMB	IAMB	10 21 35.8	
ABTX	Abielne, Hawle	28.98	117	P	P	10 21 32.1	-3.5
ABTX				IAMB	IAMB	10 21 35.8	
N41A	Harden Midland	28.99	95	IAMS_20	IAMS_20	10 33 11.6	
L42A	Oliver, Polo	29.04	92	P	P	10 21 33.7	-2.3
UX3A	Gravette	29.39	106	P	P	10 21 36.5	-2.7
TX32	Lajitas Array	29.39	127	P	P	10 21 37.7	-1.7
TXAR	Lajitas Array	29.40	127	P	P	10 21 39.5	+0.1
TXAR				LR	LR	10 33 59.8	
R40A	Maddies Statio	29.52	101	P	P	10 21 37.0	-3.4
Z35A	Perchaven, San	29.82	113	IAMS_20	IAMS_20	10 34 03.3	
X37A	Clayton	30.04	109	P	P	10 21 43.3	-1.7
X37A				IAMB	IAMB	10 21 47.0	
L44A	Lake County Fo	30.05	90	P	P	10 21 44.9	-0.1
L44A	Lake County Fo	30.05	90	IAMS_20	IAMS_20	10 34 02.1	
HD1L	Hopedale	30.06	94	P	P	10 21 44.7	-0.4
HD1L				IAMS_20	IAMS_20	10 33 54.1	
MGMO	Mountain Grove	30.23	102	P	P	10 21 44.8	-1.9
MGMO				IAMB	IAMB	10 21 48.5	
MGMO	comp=Z,45nm,1.4s			IAMS_20	IAMS_20	10 34 07.1	
HQ1L	Hanson Quary C	30.29	91	IAMS_20	IAMS_20	10 34 02.3	
CCM	Cathedral Cave	30.31	100	P	P	10 21 45.8	-1.5
CCM				pmax	pmax		
CCM	comp=Z,71nm,1.5s			MLR	MLR		
CCM	Cathedral Cave	30.31	100	P	P	10 21 46.1	-1.1
CCM				IAMB	IAMB	10 21 45.9	
U40A	Yellville	30.38	104	P	P	10 21 47.6	-0.4
U40A				IAMB	IAMB	10 21 46.5	-1.5
P43A	Skaggs, Pawnee	30.44	96	IAMS_20	IAMS_20	10 34 14.9	
JCT	Junction City	30.52	120	P	P	10 21 47.0	-2.2
JCT				pmax	pmax		
JCT	comp=Z,86nm,1.3s			MLR	MLR		
JCT	Junction City	30.52	120	P	P	10 21 48.6	-0.6
JCT				IAMB	IAMB	10 21 47.0	-2.2
JCT	comp=Z,86nm,1.3s			IAMS_20	IAMS_20	10 34 27.5	
SLM	Saint Louis	30.58	98	IAMS_20	IAMS_20	10 34 22.4	
W39A	Magazine	30.58	107	P	P	10 21 49.9	+0.1
W39A				IAMS_20	IAMS_20	10 34 39.5	
WHTX	Lake Whitney,	30.68	116	P	P	10 21 50.3	-0.4
WHTX	Lake Whitney,	30.68	116	P	P	10 21 49.5	-1.0
WHTX				IAMS_20	IAMS_20	10 34 32.9	
O44A	Mansfield	30.81	94	P	P	10 21 49.5	-2.2
FVM	French Village	30.86	99	P	P	10 21 50.5	-1.7
FVM				pmax	pmax		
FVM	comp=Z,50nm,1.5s			MLR	MLR		
FVM	French Village	30.86	99	P	P	10 21 50.5	-1.7
FVM				IAMB	IAMB	10 21 52.8	
T42A	Van Buren	31.04	101	IAMS_20	IAMS_20	10 34 27.1	

FCAR	comp=Z,5um,22.0s	31.14	104	P	P	10 21 52.5	-2.1
FCAR	Ozark Folk Cen			IAMB	IAMB	10 21 55.4	
MOUNT	comp=Z,71nm,1.3s	31.15	108	P	P	10 21 53.1	-1.6
MIAR	Mount Ida			pmax	pmax		
MIAR	comp=Z,74nm,1.3s			MLR	MLR		
MIAR	comp=Z,4um,19.0s	31.15	108	P	P	10 21 54.8	0.0
MIAR	Mount Ida			IAMB	IAMB	10 21 53.1	-1.6
MIAR	Mount Ida	31.15	108	P	P	10 21 56.6	
MIAR	comp=Z,74nm,1.3s			IAMS_20	IAMS_20	10 35 10.2	
Q44A	Meyer Farm, Va	31.19	97	IAMS_20	IAMS_20	10 34 39.9	
Z38A	Mt. Pleasant	31.20	111	P	P	10 21 52.8	-2.4
Z38A				IAMS_20	IAMS_20	10 35 05.6	
435B	Jarrell	31.51	117	P	P	10 21 57.5	-0.4
W41B	Gary Mavity, V	31.53	105	P	P	10 21 57.6	-0.5
W41B	Lafayette	31.55	93	P	P	10 21 57.6	-0.6
W41B	comp=Z,3um,18.0s			IAMS_20	IAMS_20	10 34 46.3	
PBMO	Poplar Bluff	31.61	101	IAMS_20	IAMS_20	10 34 46.3	
LCAR	Lake Charles	31.61	103	IAMS_20	IAMS_20	10 34 55.2	
Z37A	Washetta, Mont	31.62	114	IAMS_20	IAMS_20	10 35 20.7	
Z37A	Basin Creek Fa	31.64	107	P	P	10 21 58.8	-0.2
X40A	Basin Creek Fa	31.64	107	IAMS_20	IAMS_20	10 35 23.4	
WLAR	White Oak Lake	32.02	108	IAMS_20	IAMS_20	10 35 58.2	
HBAR	Harrisburg	32.26	103	IAMS_20	IAMS_20	10 35 16.2	
GNAR	Gosnell	32.38	102	IAMS_20	IAMS_20	10 35 18.7	
P56M	Pemiscott Bayo	32.38	101	IAMS_20	IAMS_20	10 35 18.8	
833A	Chaparral WMA,	32.42	122	P	P	10 22 05.8	-0.2
833A	baz=323,SNR=23						
LPAR	Lepanto	32.45	103	IAMS_20	IAMS_20	10 35 46.2	
NATX	Nacogdoches	32.47	112	P	P	10 22 06.8	+0.5
NATX	Nacogdoches	32.47	112	IAMS_20	IAMS_20	10 35 56.6	
Z41A	Richland Creek	32.50	108	P	P	10 22 06.8	+0.2
Z41A	Richland Creek	32.50	108	P	P	10 22 05.2	-1.4
Z41A	comp=Z,82nm,1.4s			IAMS_20	IAMS_20	10 36 11.0	
AAM	Ann Arbor	32.68	87	P	P	10 22 07.4	-0.7
X43A	Marvell	32.80	105	P	P	10 22 09.2	0.0
M43A	Memphis-Engin	32.99	103	IAMS_20	IAMS_20	10 35 37.5	
M43A	comp=Z,3um,22.0s						
MATO	Matagami	33.01	71	P	P	10 22 11.3	+0.4
HKT	Hockley	33.13	116	i	P	10 22 12.2	+0.1
HKT				pmax	pmax		
WCI	Wyandotte Cave	33.30	95	P	P	10 22 13.1	-0.5
WCI	Wyandotte Cave	33.30	95	IAMS_20	IAMS_20	10 35 47.7	
P49A	Miami Univ. Ec	33.53	92	P	P	10 22 14.8	-0.8
P49A	comp=Z,3um,18.0s			IAMS_20	IAMS_20	10 36 23.1	
WWT	Waverly	33.64	100	P	P	10 22 15.9	-0.6
LSQQ	Lebel-sur-Quev	33.68	72	P	P	10 22 16.4	-0.4
143A	Socs Landing,	33.73	108	P	P	10 22 13.9	-3.4
VLD0	Val d'Or	33.79	74	IAMB	IAMB	10 22 15.1	-2.6
VLD0				IAMB	IAMB	10 22 17.7	
Y45A	Yeager Farm, C	34.06	104	P	P	10 22 18.5	-1.7
Y45A				IAMB	IAMB	10 22 22.3	
Y45A	comp=Z,73nm,1.5s			IAMS_20	IAMS_20	10 36 21.9	
342A	Flagon Creek P	34.12	110	P	P	10 22 19.7	-1.0
342A				IAMS_20	IAMS_20	10 37 17.8	
FRB	Frisher Bay	34.20	44	P	P	10 22 23.1	+2.1
PLAL	Pickwick Lake	34.23	101	IAMB	IAMB	10 22 19.6	-2.0
PLAL				IAMB	IAMB	10 22 22.1	
ACSO	Alum Creek Sta	34.23	90	IAMS_20	IAMS_20	10 22 21.5	-0.1
ACSO	Alum Creek Sta	34.23	90	IAMS_20	IAMS_20	10 36 39.7	
ALGO	Algonquin Park	34.38	78	P	P	10 22 22.6	-0.2
R50A	Paris	34.51	93	P	P	10 22 21.9	-2.2
R50A				IAMB	IAMB	10 22 42.0	
TULEE	Thule	34.51	21	IAMS_20	IAMS_20	10 36 33.0	
VBMS	Vicksburg	34.60	107	P	P	10 22 25.7	+0.8
VBMS	Vicksburg	34.60	107	P	P	10 22 22.4	-2.5
VBMS				IAMS_20	IAMS_20	10 37 34.6	
G54A	Lake Saint Pet	34.62	78	P	P	10 22 25.2	+0.2
Q51A	Peebles	34.69	92	P	P	10 22 24.5	-1.2
Q51A				IAMB	IAMB	10 22 29.0	
H53A	Bobcaygeon	34.71	80	P	P	10 22 25.2	-0.6
CHGO	Chibougamau	34.89	69	P	P	10 22 27.2	-0.1
344A	Westbrook Farm	35.01	109	IAMS_20	IAMS_20	10 37 37.5	
M53A	WI Miller and	35.02	86	P	P	10 22 29.0	+0.5
M53A	comp=Z,3um,18.0s						
M53A	WI Miller and	35.02	86				

2d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like U56A King, D60A Saint Jean D'O, G60A Masonville, etc.

2015 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WES Weston, E64A Brigewater, G64A Maxfield, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GRNR Gorny, SDDR Presa de Saban, NRIK Norik's, etc.

2d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULM, CASY, VNA3, VNA1, VNA2, SNA, SNA, SNA, SNA, BOS, SYO, SYO.

IDC 02 10:24:14.7-2.4, 6.91S, 155.37E, h81km, 21km, mb3.6/8, mb1 3.8/11, mb1mx3.6/41, mbtmp4.0/11, MS4.4/1, Ms1 4.4/1, ms1mx3.0/30, Error ellipse: s-maj=24.6km s-min=20.6km az=141.0

ISC 02 10:24:16.7-0.7, 6.85S, 155.31E, h100km, n16, o175/16, mb3.6/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT, HNR, HNR, PMG, PMG, DZM, WRA, WRA, ASAR, ASAR, H11S2, H11S2, H11S1, H11S1, PETK, PETK, COMR, COMR, ILAR, ILAR, MKAR, MKAR, YKA, YKA, TORD, TORD.

IDC 02 10:35:46.1-3.4, 14.70S, 175.25W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.7/30, mbtmp3.8/4, Error ellipse: s-maj=178.3km s-min=29.0km az=144.0, Samoa Islands region

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

IDC 02 10:40:25.6-12.0, 25.17S, 179.87E, h484km, 143km, mb3.3/3, mb1 3.4/4, mb1mx3.0/27, mbtmp4.2/4, Error ellipse: s-maj=69.8km s-min=34.6km az=39.0

ISC 02 10:40:27.0-1.7, 25.45S, 179.93E, 0.3, h500km, n20, o098/19, mb3.8/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HIZ, BKZ, ETVZ, OTVZ, WNVZ, BHHZ, KAHZ, PXZ, BFZ, MRZ, OGWZ, CAW, TCW, BHW, PLWZ, PLWZ, AKASO, AKASO.

GCG 02 10:41:05.0-4.0, 13.80N, 89.76W, h5km, 14km, MD3.5, SNET 02 10:41:06.1-0.9, 13.94N, 89.79W, h6km, 5km, ML2.6

ISC 02 10:41:07.0-1.2, 13.90N, 89.75W, 0.04, h14km, 7km, n16, o081/23, 1C, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBLS, CEVE, CEVE, SUNE, SUNE, UNIC, UNIC, UNIC, UNIC, JAYA, JAYA, TACO, TACO, TACO, PMON, SNET, SNET, LALI, MTO3, MTO3, LFRS, ESQI, ESQI, LLGN, NBG, NBG, MRL, MRL, FUG, FUG, FUG, FUG.

PRU 02 10:44:40.0-0.0, 50.26N, 18.95E, h0km, Poland

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OJC, OJC, MORC, MORC, LANS, LANS, LANS, LANS, KRALIK, KRALIK, DOBRUSKA-POLOM, DOBRUSKA-POLOM, VYHNE, VYHNE, VRANOV, VRANOV, KRUC, KRUC, KHC, KHC.

IDC 02 10:59:08.7-3.1, 36.57N, 71.21E, h204km, 26km, mb3.2/7, mb1 3.2/13, mb1mx3.0/46, mbtmp3.7/13, Error ellipse: s-maj=25.6km s-min=19.6km az=178.0

NNC 02 10:59:16.4-2.1, 37.12N, 71.13E, h224km, 27km, mb2.7, mp3.7, Error ellipse: s-maj=21.2km s-min=11.3km az=127.0

ISC 02 10:59:08.7-1.1, 36.6N, 01:71:14E, 0.09, h200km, n28, o173/32, mb3.5/7, 5C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML, UCH, EK2, KK31, KK31, AAK, AAK, AAK, AAK, AAK, KBK, TKM2, TKM2, PDGK, GEYT, MK2, MK31, MKAR, AB31, BVAR, AKTO, AKTO, ZALV, ARU, FINES, FINES, ARCS, NB2, NOA, YKA, WRA, WRA, ASAR, ASAR.

NEIC 02 11:01:22.9-1.4, 4.1S, 104.3W, 0.1, h10km, 1km, mb4.8/120, Ms, 20.4, 9.314, Mwc5.3(GCMT), Error ellipse: s-maj=22.2km s-min=16.0km az=248.0

IDC 02 11:01:22.1-0.8, 3.93S, 104.24W, h0km, mb4.3/15, mb1 4.6/15, mb1mx4.5/28, mbtmp4.3/15, MS4.8/20, Ms1 4.8/20, ms1mx4.7/24, Error ellipse: s-maj=28.4km s-min=13.9km az=58.0

GCMT 02 11:01:25.9-0.1, 3.94S, 01:104:17W, 0.01, h15km, MW5.3/144, Moment tensor: s97, c157, s144, c254, Duration: 1s, Moment tensor: Scale 1017

NEIC 02 11:01:26.1-0.1, 3.94S, 01:104:17W, 0.01, h15km, MW5.3/144, Moment tensor: Scale 1017Nm, Mr=0.17, Mw=0.35, Ms=0.17, Ms2=0.42, Ms3=1.16, Ms4=0.14, Fault plane solution: Ms1=280000, Ms2=170000, Ms3=170000, Ms4=170000, Ms5=170000, Ms6=170000, Ms7=170000, Ms8=170000, Ms9=170000, Ms10=170000, Ms11=170000, Ms12=170000, Ms13=170000, Ms14=170000, Ms15=170000, Ms16=170000, Ms17=170000, Ms18=170000, Ms19=170000, Ms20=170000, Ms21=170000, Ms22=170000, Ms23=170000, Ms24=170000, Ms25=170000, Ms26=170000, Ms27=170000, Ms28=170000, Ms29=170000, Ms30=170000, Ms31=170000, Ms32=170000, Ms33=170000, Ms34=170000, Ms35=170000, Ms36=170000, Ms37=170000, Ms38=170000, Ms39=170000, Ms40=170000, Ms41=170000, Ms42=170000, Ms43=170000, Ms44=170000, Ms45=170000, Ms46=170000, Ms47=170000, Ms48=170000, Ms49=170000, Ms50=170000, Ms51=170000, Ms52=170000, Ms53=170000, Ms54=170000, Ms55=170000, Ms56=170000, Ms57=170000, Ms58=170000, Ms59=170000, Ms60=170000, Ms61=170000, Ms62=170000, Ms63=170000, Ms64=170000, 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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nanjing, Hu-ho-hao-te, Makanchi Array, etc.

IDC 02 11:07:13.8z.0.4, 0.66S:103.99W, h0km, mb4.0/9, mb1 4.3/9, mb1mx4.1/29, mbtmp3.0/9, Error ellipse: s-maj=62.8km s-min=1.27km az=46.0

NEIC 02 11:07:15.0z.1.3, 4.15S:103.99W:0.2, h10km, n38, mb4.4/20, Error ellipse: s-maj=29.5km s-min=1.39km az=23.0

IDC 02 11:07:16.4z.0.7, 4.1S:103.99W:0.1, h18km, n38, o070/33, mb4.3/19, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOCORRO T, Las Esperanzas, Otavalo, etc.

IDC 02 11:13:27.3z.11.0, 4.84S:103.66W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/25, mbtmp3.7/4, MS3.8/2, Ms1 3.8/2, ms1mx3.3/18, Error ellipse: s-maj=308.6km s-min=153.0km az=134.0, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matias Romero, Las Juntas de, Pinedale Array, etc.

WEL 02 12:14:31.0z.0.9, 38.7z18.0E:1.1, h33km, M3.4/24, ML3.8/24, MLV3.4/24, Error ellipse: s-maj=0.0km s-min=0.0km az=27.5, East coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Te Kaha, Raukumara Rang, Matawai, etc.

WEL 02 12:30:34.8z.0.7, 33.5z18.0E:1.1, h339km, M3.8/51, mB4.5/24, MLV4.5/1, Mw(MB)3.7/24, Error ellipse: s-maj=0.0km s-min=0.0km az=111.5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waiomatatini S, Te Kaha, etc.

WEL 02 13:02:00.44:1S:169.43E, h7km, ML3.9, Mw3.5, Moment Tensor Solution, s5 Moment tensor: Scale 10^14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jackson Bay, Lake Benmore, Wanaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Quartz Range, Blackbirch Sta, Tophouse, etc.

IDC 02 12:42:50.9z.0.4, 2.08S:128.01E, h0km, mb3.6/1, mb1 4.2/3, mb1mx3.6/38, mbtmp4.1/3, ML4.3/1, Error ellipse: s-maj=148.3km s-min=127.2km az=102.0, Ceram Sea

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

IDC 02 12:55:30.6z.3.1, 22.67N:122.05W, h0km, mb3.6/1, mb1 3.8/3, mb1mx3.4/34, mbtmp3.8/3, ML4.3/9/2, Error ellipse: s-maj=11.8km s-min=42.9km az=77.0

IDC 02 12:55:29.2z.6.2, 22.5N:122.12W:0.5, h10km, n8, o082/8, Mauritania

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

IDC 02 13:01:12.7z.9.0, 33.16N:138.58E, h227km, 191km, mb2.6/2, mb1 2.7/3, mb1mx2.5/33, mbtmp3.0/3, ML1.8/1, Error ellipse: s-maj=196.3km s-min=65.7km az=176.0

JMA 02 13:01:12.8z.0.4, 33.06N:139.49E, h200km, M3.1, ISC 02 13:01:12.4z.1.3, 33.3N:139.6E:0.1, h236km, 191km, n12, c1518/18, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mitsune, Boso 3, Boso 1, etc.

WEL 02 13:02:00.44:1S:169.43E, h7km, ML3.9, Mw3.5, Moment Tensor Solution, s5 Moment tensor: Scale 10^14

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

WEL 02 13:02:00.44:1S:169.43E, h7km, ML3.9, Mw3.5, Moment Tensor Solution, s5 Moment tensor: Scale 10^14

IDC 02 13:02:52.5z.3.7, 42.37S:170.95E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.3/25, mbtmp3.2/2, Error ellipse: s-maj=101.6km s-min=21.1km az=66.0

WEL 02 13:02:53.5z.0.4, 44.3z16.9E:1.1, h5km, M3.9/14, ML4.0/14, MLV3.9/14, Error ellipse: s-maj=0.0km s-min=0.0km az=165.9, c1505/42, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jackson Bay, Lake Benmore, Wanaka, etc.

75	WRA	Warramunga Arr	48.50 124	P	P	15 45 42.9	-0.6
	ASAR	Alice Springs	50.03 128	P	P	15 45 55.5	+0.4

IDC 02 15:48:57.4-3.7, 30'96N:140'95E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.2/43, mbtmp3.2/4, ML2.5/1, Error ellipse: s-maj=152.3km s-min=26.7km az=73.0, Southeast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
MJAR	Matsushiro Arr	6.02 338	Op Pn	15 50 27.2	-0.5		
MJAR	Makanchi Arr	4.74 254	Op Pn	15 57 32.1	0.0		
WRA	Warramunga Arr	51.00 188	P	15 58 00.8	-0.4		
ASAR	Alice Springs	54.73 188	P	15 58 28.8	+0.2		

IDC 02 15:57:43.5-6.0, 14'12N:92'60W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/6, mbtmp3.3/4, ML2.9/2, Error ellipse: s-maj=193.4km s-min=54.5km az=41.0, MEX 02 15:57:45.2-6.4, 13'79N:92'72W, h22km, 21km, MD4.0, ISC 02 15:57:49.2-2.2, 14'11N:92'69W, 0.09, h46km, n8, α2510/13, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
THIG		0.94 26	Op Pn	15 58 04.3	-1.8		
PCIG		1.72 343	Op Pn	15 58 17.2	-1.2		
CCIG	Comitan	2.28 14	iP Pn	15 58 23.4	-1.2		
CMIG	Matias Romero	3.68 325	iP Pn	15 58 40.0	-3.6		
CMIG	Matias Romero	3.68 325	Op Pn	15 59 28.4	+2.6		
CMIG	Lajitas Array	18.29 328	iP Pn	15 59 25.6	-0.2		
CMIG	TXAR	18.29 328	Op Pn	16 02 01.8	+2.2		
YKA	Yellowknife Ar	50.82 347	P	16 06 44.9	+0.1		
ILAR	Eielson Array	62.52 337	P	16 08 09.1	+1.2		

IDC 02 16:20:49.9-3.1, 14'55N:92'20W, h0km, mb3.9/7, mb1 4.2/9, mb1mx3.9/34, mbtmp3.9/9, ML3.2/2, MS3.0/1, Ms1 3.0/1, ms1mx2.6/26, Error ellipse: s-maj=87.6km s-min=33.6km az=29.0, MEX 02 16:20:51.2-0.6, 13'85N:92'81W, h16km, 30km, MD4.0, ISC 02 16:20:51.4-1.4, 13'9N:0.1-92'79W, 0.07, h35km, n15, α1566/21, mb4.0/7, Off coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
THIG		1.14 27	Op Pn	16 21 09.5	-1.4		
PCIG		1.85 347	Op Pn	16 21 22.9	-2.4		
CCIG	Comitan	2.46 15	iP Pn	16 21 41.0	+2.0		
HUIG	Huatulco	3.71 301	iP Pn	16 21 49.5	-1.5		
CMIG	Matias Romero	3.77 328	iP Pn	16 21 45.6	-1.6		
CMIG	Matias Romero	3.77 328	Op Pn	16 22 33.2	+2.8		
CMIG	Lajitas Array	18.29 328	iP Pn	16 21 46.7	-0.5		
CMIG	TXAR	18.29 328	Op Pn	16 22 29.5	-0.9		
TXAR		18.29 328	Op Pn	16 25 03.7	0.0		
ANMO	Albuquerque	24.33 322	Op Pn	16 26 06.0	-0.3		
PDAR	Pinedale Array	32.21 337	Op Pn	16 27 15.8	-0.8		
NVAR	Mina Array Bea	32.32 322	Op Pn	16 27 28.8	+2.8		
ULM	Lac du Bonnet	36.35 357	P	16 27 50.3	-1.8		
YKA	Yellowknife Ar	50.96 347	P	16 29 50.1	+0.8		
ILAR	Eielson Array	62.52 337	P	16 31 13.5	+1.5		
ESDC	Sonsea Array	80.39 52	P	16 32 58.2	-1.5		
CMAR	Chiang Mai Arr	145.84 340	PKPbc PKPab	16 40 29.8	+1.4		

IDC 02 16:22:02.3-3.9, 1'33S:129'55E, h228km, 54km, mb2.6/2, mb1 2.7/3, mb1mx2.6/37, mbtmp3.1/3, Error ellipse: s-maj=106.9km s-min=21.7km az=75.0, Halmahera

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
SIJI	Sorong	1.78 75	Op Pn	16 22 47.1	+1.3		
SIJI		1.78 75	Op Pn	16 23 16.1	+0.2		
WRA	Warramunga Arr	11.66 159	P	16 40 56.8	+0.4		
ASAR	Alice Springs	15.05 166	P	16 41 42.1	-0.7		
ASAR	Makanchi Arr	63.29 326	P	16 32 11.4	-0.4		

IDC 02 16:38:08.6-2.2, 9'02S:129'96E, h0km, mb3.1/1, mb1 3.2/3, mb1mx3.0/38, mbtmp3.0/3, ML2.9/2, Error ellipse: s-maj=97.8km s-min=33.5km az=67.0, Timor Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
WRA	Warramunga Arr	11.66 159	P	16 40 56.8	+0.4		
WRA		0.1nm, 0.3s, baz=343, slow=13, SNR=8.2	S	16 43 01.6	-5.8		
ASAR	Alice Springs	15.05 166	Pn	16 41 42.1	-0.7		
ASAR	Makanchi Arr	63.29 326	Pn	16 44 27.1	-3.2		
ASAR	Makanchi Arr	69.89 327	P	16 49 21.5	0.0		

IDC 02 16:51:37.6-4.1, 36'46N:71'19E, h218km, 31km, mb3.4/3, mb1 3.2/10, mb1mx2.8/48, mbtmp3.9/10, Error ellipse: s-maj=49.9km s-min=24.4km az=146.0, NNC 02 16:51:46.6-4.4, 37'12N:71'04E, h242km, 50km, mb2.8, mpv3.9, Error ellipse: s-maj=44.0km s-min=25.9km az=23.0

IDC 02 16:51:40.4-0.6, 36'66N:0.05-71'16E, 0.07, h250km, n43, α1561/47, mb3.7/3, 7C-6D, Afghanistan-Tajikistan border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
CEP	Cherat	2.89 168	Op Pn	16 52 32.2	+0.3		
THW	Thamhe Wali	3.88 173	P	16 52 43.1	+0.2		
SARP	Sargodha	4.89 165	P	16 52 58.0	+0.0		
AML	Almayashu	5.81 19	P	16 53 06.4	+0.0		
DHRM	DHARAMSHALA	6.11 135	eP Pn	16 53 10.5	+0.4		
DHRM		6.11 135	eS Pn	16 54 19.5	-2.4		
DHRM		6.11 135	IAML	16 54 21.2			
DHRM		6.11 135	IAML	16 54 23.5			
UCH	Uchtor	6.14 24	P	16 53 10.7	+0.1		
DZA	Taraz	6.23 13	Lg	16 54 20.0			
EKS2	Erkin-Say	6.33 18	P	16 53 13.1	+0.5		

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Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
KK31	Kararay Array	6.46 356	Op Pn	16 53 13.7	-0.4		
AAK	Ala-Archa	6.50 22	Op Pn	16 54 28.2	-2.3		
AAK	Ala-Archa	6.50 22	Op Pn	16 53 15.5	+0.6		
AAK	Ala-Archa	6.50 22	Op Pn	16 53 15.3	+0.5		
AAK	Ala-Archa	6.50 22	Op Pn	16 53 15.3	+0.5		
ULHL	Ulahol	6.82 34	Op Pn	16 53 29.3	+0.4		
CHMS	Chumsh	6.91 22	Op Pn	16 53 20.6	+0.8		
TKM2	Tokmak 2	7.13 27	Op Pn	16 53 23.9	+1.2		
TKM2	Tokmak 2	7.13 27	Op Pn	16 53 23.5	+0.8		
TKM2	Tokmak 2	7.13 27	Op Pn	16 54 22.5	-2.4		
SMLA	Simla	7.44 136	eP Pn	16 53 27.1	+0.5		
SMLA		7.44 136	eS Pn	16 54 46.1	-5.8		
SMLA		7.44 136	IAML	16 54 52.3			
SRBS	Karabastau	7.83 25	Op Pn	16 53 37.2	+5.7		
MDOK	Medeo	7.92 33	Op Pn	16 53 33.5	+0.9		
KOTS	Kotrybulak	8.00 33	Lg Pn	16 55 01.4			
KTBS	Karabote	8.21 29	Op Pn	16 53 41.9	+5.6		
PDGT	Podgomorye	9.23 41	Op Pn	16 53 51.4	+2.2		
YGK	Alibek	10.47 281	Op Pn	16 54 03.7	-1.2		
MAK2	Makanchi	12.95 35	Op Pn	16 54 36.2	+0.7		
MK31	Makanchi Array	13.09 36	Op Pn	16 54 38.5	+1.3		
MKAR	Makanchi Array	13.09 36	Op Pn	16 54 38.3	+1.0		
KKN	Kakani	14.85 123	Op P	16 54 59.4	+0.6		
KURBB	Kurchatov Arr	14.93 18	Op P	16 54 59.1	-0.1		
AB31	Akbulak array	15.01 331	Op Pn	16 55 00.4	-0.1		
AB31		15.01 331	Op Pn	16 57 45.3	-0.6		
PKIN	Pulchokii	15.06 123	Op P	16 55 01.9	+0.6		
PKI	Pulchokii	15.08 123	eP Pn	16 55 02.2	+0.7		
GUN	Gumba	15.18 121	eP Pn	16 55 04.7	+1.5		
RAMM	Ramite	16.29 122	eP Pn	16 55 16.0	+1.4		
BVAR	Borovoye Array	16.38 358	Op Pn	16 55 15.9	+0.8		
BRVK	Borovoye	16.41 358	Op Pn	16 55 17.6	+0.5		
AKTO	Aktyubinsk	16.71 330	Op Pn	16 55 20.8	+0.2		
AKTO	Aktyubinsk	16.71 330	Op Pn	16 55 20.7	+0.2		
TAPN	Taplejung	16.80 119	eP Pn	16 55 24.1	+1.8		
ODAN	Odare	16.89 121	eP Pn	16 55 23.7	+0.5		
ZALV	Zalesovo Beam	17.92 24	Op Pn	16 55 52.8	+1.7		
ARU	Arti	21.53 341	Op Pn	16 56 11.8	+2.1		
FINES	FINESS Array	37.43 326	Op Pn	16 58 31.1	+1.7		
TORD	Torodi Arr	65.85 269	Op Pn	17 01 59.5	-0.1		

IDC 02 17:17:19.1-7.5, 0'23N:123'65E, h135km, 72km, mb3.2/5, mb1 3.5/6, mb1mx3.1/49, mbtmp3.7/6, Error ellipse: s-maj=72.6km s-min=16.7km az=60.0, ISC 02 17:17:21.3-1.1, 0'1N:0.2-123'5E, 0.4, h157km, n6, α124/8, mb3.5/5, Minahassa Peninsula, Sulawesi

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
FITZ	Fitzroy Crossi	18.23 174	Op Pn	17 21 21.7	-0.9		
WRA	Warramunga Arr	22.58 153	P	17 22 09.3	+0.7		
ASAR	Alice Springs	25.70 158	P	17 22 37.8	+0.7		
ASAR		25.70 158	P	17 26 04.0	+0.6		
CMAR	Chiang Mai Arr	49.26 348	P	17 23 19.0	+1.3		
SONR	Songino Array	30.80 305	P	17 25 58.6	+0.4		
MKAR	Makanchi Array	58.79 328	P	17 27 01.8	-1.3		
MKAR		58.79 328	P	17 27 49.6	-1.4		

INET 02 17:18:13.4-12'48N:88'24W, h73km, ML3.5, MW3.2, SNET 02 17:18:15.0-0.9, 12'63N:88'30W, h28km, 5km, ML3.0, Off coast of Central America

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
JUCU	Jucuarrn	0.62 4	eP Pn	17 18 27.9	0.0		
JUCU		0.62 4	eS Pn	17 18 37.6	0.0		
LCND	La Caada	0.78 30	eP Pn	17 18 30.5	0.0		
LCND		0.78 30	eS Pn	17 18 41.3	-0.2		
LCND		0.78 30	IAML	17 18 44.3			
LCY	Lacayo	0.79 0	eP Pn	17 18 30.6	-0.2		
VSM	San Miguel	0.79 2	eP Pn	17 18 42.8	+0.8		
VSM		0.79 2	eS Pn	17 18 30.7	-0.2		
PACA	Pacayal	0.83 358	eP Pn	17 18 41.6	+0.1		
PACA		0.83 358	eS Pn	17 18 41.1	+1.1		
PACA		0.83 358	IAML	17 18 46.6			
TECA	Tecapa	0.88 347	eP Pn	17 18 32.0	-0.3		
TECA		0.88 347	eS Pn	17 18 45.1	+0.9		
COEB	Comit de Eme	0.89 345	eP Pn	17 18 31.9	-0.4		
FAGO	Falcada de S	1.07 10	eP Pn	17 18 35.5	-0.2		
FAGO		1.07 10	IAML	17 18 52.8			
COEG	Centro de Oper	1.14 330	eP Pn	17 18 35.7			

Table with columns: HHC, Hu-ho-hao-te, 67.65, 39, eP, P, 17 50 07.6 +1.3

IDC 02 17:41:58.8,0.7, 1.10N,97.01E, h0km, mb4.4/20, mb1.4, 5/22, mb1mx4.2/5.1, mbtmp4.4/22, ML4.1/2, MS3.6/8, Ms1.3/8, ms1mx3.3/34, Error ellipse: s-maj=24.6km s-min=13.3km az=49.0

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

Main table with columns: ODAN, Odare, 27.19, 341, eP, P, 17 47 46.5 +0.9

Main table with columns: STKA, Stephens Creek, 53.39, 132, P, P, 17 51 25.0 +1.1

757A	Bowman	16.07 329	P	Pn	19 15 29.1 +0.3	X48A	Hartselle	20.46 319	P	Pn	19 16 23.3 +0.7	N54A	comp-Z,27nm,0.9s	I	Amb	I	Amb	19 16 50.2
ORTC	Ortega, Tolima	16.28 195	eP	P	19 15 34.0 -0.6	X48A	comp-Z,30nm,1.4s				19 16 33.9	M56A	Emporium	22.54 346	P	P		19 16 41.5 -1.2
TIGA	Tifton	16.29 318	P	I	19 15 34.5 0.0	PSUB	Penn St. - Bra	20.49 350	P	I	19 16 20.6 0.0	M56A	Emporium	22.54 346	P	I		19 16 43.8 +1.1
TEIG	comp-Z,53nm,0.8s					PSUB	comp-Z,51nm,1.4s				19 16 33.2	M56A	comp-Z,22nm,1.1s		I	Amb		19 17 18.2
V62A	Tepich	16.30 375	P	Pn	19 15 33.6 +1.8	Q56A	Snyder Ridge,	20.51 341	P	P	19 16 22.0 +1.0	N53A	Lisbon	22.64 340	P	P		19 16 44.4 +0.7
V62A	Hyde County Ai	16.37 245	P	Pn	19 15 33.6 +1.0	Q56A	Snyder Ridge,	20.51 341	P	P	19 16 19.6 -1.3	L59A	Walton	22.65 352	P	P		19 16 43.1 -0.8
V62A	Hyde County Ai	16.37 345	P	Pn	19 15 33.0 +0.4	P57A	West Chester U	20.60 344	P	Pn	19 16 23.4 -0.8	WCI	Wyandotte Cave	22.74 327	P	P		19 16 44.3 -0.6
JTS	Las Juntas de	16.46 237	P	Pn	19 15 34.7 +0.8	146A	Homestead Farm	20.60 341	P	P	19 16 24.4 +1.6	WCI	Wyandotte Cave	22.74 327	P	I	Amb	19 16 45.7 +0.9
JTS	comp-Z,0.3nm,0.3s,baz=25,slow=22,SNR=2.4					146A	Union	20.68 312	P	I	19 16 53.2	WCI	Wyandotte Cave	22.74 327	P	I	Amb	19 16 52.4
JTS	comp-Z,460nm,18.5s,baz=134,slow=38					MVL	comp-Z,32nm,1.0s	20.72 348	P	I	19 16 23.6 +0.5	L57A	Andrews Acres	22.75 349	P	P		19 16 45.1 +0.2
JTS	Las Juntas de	16.46 237	P	I	19 15 36.8 +0.3	MVL	comp-Z,18nm,0.8s				19 16 33.5	BINY	Binghamton	22.80 350	P	P		19 16 45.4 0.0
X58A	Rowland	16.53 335	P	Pn	19 15 35.4 +0.7	OTAV	comp-Z,15nm,0.8s	20.73 202	P	Pn	19 16 25.4 -0.9	UTMT	University of	22.82 320	P	P		19 16 48.8 +3.1
TGHU	Tegucigalpa,Un	16.61 253	P	I	19 15 38.4 +0.1	OTAV	Otavalo	20.73 202	eP	Pn	19 16 26.3 0.0	HALT	Halls	22.83 319	P	P		19 16 50.3 +4.5
TGHU	comp-Z,56nm,1.1s					P56A	Dayton Farm, R	20.84 343	P	P	19 16 25.9 +1.4	CMIG	Matias Romero	22.86 267	P	P		19 16 46.0 -0.3
CNCC	Cliffs of the	16.62 340	P	Pn	19 15 36.7 +1.0	R53A	hurricane	20.85 335	P	I	19 16 24.7 +0.1	441A	Defidder	22.87 303	P	P		19 16 40.0 +1.8
V61A	Roper	16.75 344	P	Pn	19 15 36.8 -0.6	R53A	Hurricane	20.85 335	P	I	19 16 37.7	ACSO	Alum Creek Sta	22.89 336	P	P		19 16 46.5 +0.1
154A	Montrose	16.82 322	P	Pn	19 15 39.6 +1.2	060A	comp-Z,23nm,1.0s	20.87 350	P	P	19 16 24.3 -0.4	ACSO	Alum Creek Sta	22.89 336	P	P		19 16 47.0 +0.7
W58A	Raeford	16.90 336	P	Pn	19 15 39.1 -0.2	058A	Lewisberry	20.96 347	P	P	19 16 25.9 +0.2	M54A	Oil Creek Sta	22.93 343	P	P		19 16 47.0 +0.2
V60A	Jim Taylor Roa	16.91 342	P	I	19 15 40.8 -0.6	551A	Beattville	20.97 331	P	P	19 16 26.2 +0.4	M54A	Oil Creek Sta	22.93 343	P	I	Amb	19 16 48.8 +1.9
V60A	comp-Z,42nm,0.9s					Q54A	Coxs Mills	21.00 338	I	Amb	19 16 49.5	M54A	Oil Creek Sta	22.93 343	P	I	Amb	19 16 54.7
X56A	White Oak	17.20 331	P	Pn	19 15 42.5 -0.7	PAGS	comp-Z,26nm,1.1s	21.02 348	P	I	19 16 26.7 +0.4	X43A	Marvell	22.99 314	P	P		19 16 48.6 +1.1
V59A	Middlesex	17.21 340	P	Pn	19 15 42.7 -0.5	PAGS	Pennsylvania G	21.02 348	P	I	19 16 56.7	X43A	Marvell	22.99 314	P	P		19 16 49.8 +2.3
W57A	Gilead	17.31 334	P	Pn	19 15 45.2 +0.7	T50A	Nancy	21.07 328	P	I	19 16 26.8 -0.2	PTGA	Pitinga	23.02 151	P	P		19 16 47.7 -0.2
W57A	Gilead	17.31 334	P	Pn	19 15 44.6 +0.1	T50A	comp-Z,15nm,0.8s				19 16 39.4	PTGA	comp-Z,2113nm,18.2s,baz=350,slow=38			LR	19 26 21.6	
MARP	Paetz Belacaza	17.49 197	eP	P	19 15 52.1 +3.9	BRNJ	Basking Ridge	21.11 352	P	P	19 16 27.8 +0.5	L56A	Greenwood	23.02 347	P	P		19 16 47.5 -0.3
BETO	Setaria	17.51 195	eP	P	19 15 48.9 +0.4	Q53A	Leroy	21.14 337	P	P	19 16 28.1 +0.4	P49A	Miami Univ. Ec	23.02 332	P	P		19 16 48.6 +0.8
V58A	Windy Hill, Pi	17.54 337	P	Pn	19 15 48.1 +0.7	Q53A	Central Park	21.14 354	P	I	19 16 29.8 +2.1	P49A	Miami Univ. Ec	23.02 332	P	P		19 16 49.9 +1.1
U60A	Pendleton	17.54 343	P	Pn	19 15 47.5 +0.2	CPNY	comp-Z,26nm,0.8s	21.17 323	P	I	19 16 29.1 +1.0	LNXT	Lenox	23.05 319	P	P		19 16 50.6 +2.5
U60A	Indian Trail	17.54 333	P	Pn	19 15 47.6 +0.2	CLTN	Cedars of Leba	21.17 323	P	I	19 16 35.5	M53A	WI Miller and	23.16 341	P	P		19 16 50.9 +0.7
W56A	Hodges	17.59 327	P	P	19 15 49.7 +0.8	CLTN	comp-Z,24nm,1.1s	21.18 325	P	I	19 16 28.8 +0.6	M53A	WI Miller and	23.16 341	P	I	Amb	19 16 51.1 +1.9
GOGA	Godfrey	17.61 323	P	Pn	19 15 47.5 -0.7	U49A	Red Boiling Sp	21.18 325	P	I	19 16 35.4	M53A	comp-Z,22nm,0.9s	23.17 320	P	P		19 16 53.3 +3.9
GOGA	Godfrey	17.61 323	P	Pn	19 15 51.5 +2.3	U49A	comp-Z,21nm,1.1s	21.20 346	P	P	19 16 28.5 +0.2	HICK	Hickman	23.17 320	P	P		19 16 50.1 +0.5
U59A	Littleton	17.61 341	P	I	19 15 46.1 -2.1	U59A	comp-Z,66nm,1.6s				19 16 29.1 +0.7	K59A	Cooperstown	23.20 353	P	P		19 16 51.1 +0.6
U59A	Littleton	17.61 341	P	I	19 16 22.8	152A	Waverly Hall	17.82 319	P	P	19 15 54.4 +2.8	K58A	Earlville	23.30 351	P	P		19 16 51.1 +0.6
U59A	comp-Z,26nm,1.0s					PAULI	Pauline	17.84 330	P	P	19 15 52.9 +1.2	O49A	Covington	23.40 333	P	I	Amb	19 16 52.4 +0.8
152A	Waverly Hall	17.82 319	P	P	19 15 54.4 +2.8	V57A	Coltrane Farms	17.87 336	P	Pn	19 15 50.3 -1.0	O49A	comp-Z,32nm,1.2s	23.58 357	P	P		19 16 54.6 +1.4
PAULI	Pauline	17.84 330	P	P	19 15 52.9 +1.2	KM5C	Kings Mountain	17.88 331	P	Pn	19 15 50.5 -1.0	ERPA	Erie	23.59 343	P	P		19 16 54.5 +1.1
V57A	Coltrane Farms	17.87 336	P	Pn	19 15 50.3 -1.0	KM5C	Kings Mountain	17.88 331	P	Pn	19 15 52.2 +0.7	J58A	Remsen	23.83 352	P	P		19 16 57.2 +1.4
KM5C	Kings Mountain	17.88 331	P	Pn	19 15 53.8 0.0	KM5C	Kings Mountain	17.88 331	P	Pn	19 15 52.2 +0.7	I59A	Olmsteadville	24.11 355	P	P		19 16 59.3 +0.9
KM5C	Kings Mountain	17.88 331	P	Pn	19 15 52.2 +0.7	U60A	Oxford	17.89 340	P	Pn	19 15 51.1 -0.5	I60A	Shoreham	24.12 356	P	P		19 16 58.8 +0.4
U60A	Oxford	17.89 340	P	Pn	19 15 51.1 -0.5	T60A	Surry	18.06 345	P	Pn	19 15 53.1 -0.6	I58A	Old Forge	24.12 353	P	P		19 16 58.7 +0.2
T60A	Surry	18.06 345	P	Pn	19 15 53.1 -0.6	T60A	Surry	18.06 345	P	Pn	19 16 17.1	W41B	Gary Mavity, V	24.29 314	P	P		19 17 00.7 +0.6
T60A	comp-Z,54nm,0.8s					V56A	Mocksville	18.09 334	P	Pn	19 15 54.1 +0.1	W41B	Gary Mavity, V	24.29 314	P	P		19 17 01.3 +1.2
V56A	Mocksville	18.09 334	P	Pn	19 15 54.1 +0.1	T59A	Double "B" Far	18.12 343	P	Pn	19 15 54.1 -0.3	X40A	Basin Creek Fa	24.33 312	P	P		19 17 00.8 +0.4
T59A	Double "B" Far	18.12 343	P	Pn	19 15 54.1 -0.3	U57A	Double "B" Far	18.12 343	P	Pn	19 15 53.5 -1.0	X40A	Basin Creek Fa	24.33 312	P	I	Amb	19 17 01.3 +0.8
U57A	Double "B" Far	18.12 343	P	Pn	19 15 53.5 -1.0	U57A	Blanch	18.19 338	P	Pn	19 15 55.2 -0.2	X40A	Basin Creek Fa	24.33 312	P	I	Amb	19 17 08.5
U57A	Blanch	18.19 338	P	Pn	19 15 55.2 -0.2	V52A	Libburn	18.28 323	P	P	19 15 59.5 +3.0	WHAR	Woolly Hollow	24.38 314	P	P		19 17 01.6 +0.7
V52A	Libburn	18.28 323	P	P	19 15 59.5 +3.0	ESQI	Esquipulas	18.31 257	P	Pn	19 16 00.2 +3.1	NATX	Nacogdoches	24.43 304	P	P		19 17 02.0 +0.6
ESQI	Esquipulas	18.31 257	P	Pn	19 16 21.4	ESQI	Esquipulas	18.31 257	P	Pn	19 16 21.4	NATX	Nacogdoches	24.43 304	P	P		19 17 02.3 +0.9
ESQI	comp-Z,60nm,1.0s					ESQI	Esquipulas	18.31 257	P	Pn	19 16 21.4	LBNH	Lisbon	24.45 358	P	P		19 17 02.6 +1.1
S61A	Accomac	18.35 348	P	P	19 15 57.4 +0.2	MT03	Montecristo	18.38 256	P	I	19 16 01.1 +3.1	I57A	Carthage	24.45 352	P	P		19 17 02.2 +0.7
MT03	Montecristo	18.38 256	P	I	19 16 01.1 +3.1	MT03	Montecristo	18.38 256	P	I	19 16 13.3	FCAR	Ozark Folk Cen	24.61 315	P	P		19 17 03.0 0.0
MT03	comp-Z,51nm,0.9s					T58A	Grand View Acr	18.39 340	P	P	19 15 57.8 +0.1	FCAR	Ozark Folk Cen	24.61 315	P	I	Amb	19 17 10.1
T58A	Grand View Acr	18.39 340	P	P	19 15 57.8 +0.1	U56A	King	18.51 335	P	P	19 15 59.3 +0.3	FCAR	Ozark Folk Cen	24.61 315	P	I	Amb	19 17 10.1
U56A	King	18.51 335	P	P	19 15 59.3 +0.3	U56A	King	18.51 335	P	P	19 15 58.5 -0.5	H61A	Lynnville	24.74 358	P	P		19 17 04.2 0.0
U56A	King	18.51 335	P	P	19 15 58.5 -0.5	9G3	Lake Jocassee	18.53 328	P	P	19 15 59.1 -0.2	H58A	Gabriels	24.76 354	P	P		19 17 03.9 -0.4
9G3	Lake Jocassee	18.53 328	P	P	19 15 59.1 -0.2	Z51A	Franklin	18.55 320	P	Pn	19 16 00.5 +0.8	FVM	French Village	24.84 321	P	P		19 17 04.9 -0.2
Z51A	Franklin	18.55 320	P	Pn	19 16 00.5 +0.8	SB6C	Water View	18.58 346	P	P	19 15 59.7 -0.1	FVM	French Village	24.84 321	P	I	Amb	19 17 15.4
SB6C	Water View	18.58 346	P	P	19 15 59.7 -0.1	BBAC	Balboa, Cauca	18.66 200	eP	Pn	19 16 03.3 +1.9	MIAR	Mount Ida	24.88 311	P	P		19 17 04.8 -0.7
BBAC	Balboa, Cauca	18.66 200	eP	Pn	19 16 03.3 +1.9	T57A	Hurt	18.67 339	P	P	19 16 00.9 +0.1	H57A	Richville	24.93 352	P	P		19 17

IDD 02 19:55:22.9.1.6,36.56N:140.73E,h46km,15km,mb3.5/11, mb1.3/14,mb1mx3.5/46,mbtmp3.7/14,ML3.5/3,MS3.6/1, Ms1.3/6.1,ms1mx2.7/25,Error ellipse: s-maj=21.2km s-min=10.8km az=91.0

JMA 02 19:55:24.8.0.1,36.52N:140.57E,h58km,12km,MB3.7, Broadband fault plane solution: P waves. NP1: $\phi=175.00000^\circ, \delta=32.00000^\circ, \lambda=68.00000^\circ$. NP2: $\phi=21.00000^\circ, \delta=61.00000^\circ, \lambda=103.00000^\circ$. Principal axes: T P1g71.00000°, Azm320.00000°; N P1g11.00000°, Azm194.00000°; P P1g15.00000°, Azm101.00000°

NIED 02 19:55:24.8.36.52N:140.57E,h58km,MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁴Nm; Mw:4.47; Mw-0.27; Mw+0.20; Mw3.40; Mw+2.46; Mw-4.10; Fault plane solution: M:7.28000x10¹⁴ NP1: $\phi=37.00000^\circ, \delta=69.00000^\circ, \lambda=100.00000^\circ$. NP2: $\phi=192.00000^\circ, \delta=23.00000^\circ, \lambda=67.00000^\circ$

ISC 02 19:55:24.6.0.7,36.55N:0.05:140.58E:0.06,h59km,6km, n35,+1560/39,mb3.5/11,5C-4D,Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	h	m	s	ISC	Time	Res
JHO	Hitachi	0.06	351	↑P	Pn	19	55	33.5	0.0	19 55 33.5	0.0
JHU	Hitachinakayama	0.21	179	↑P	Sb	19	55	39.4	-0.5	19 55 39.4	-0.5
JHYU	Hitachinakayama	0.21	179	↑P	Sb	19	55	40.0	0.0	19 55 40.0	0.0
JYT	Yakato	0.55	225	↑P	Sb	19	55	40.3	-0.3	19 55 40.3	-0.3
JAG	Iwakimizuishi	0.48	17	↑P	Sb	19	55	43.6	-0.5	19 55 43.6	-0.5
ONAJ	Kawauchi	0.85	16	↑P	Sb	19	55	47.7	-0.1	19 55 47.7	-0.1
JFK	Ashikaga	0.92	263	↑P	Sb	19	55	52.1	-0.5	19 55 52.1	-0.5
JFT	Otama	0.99	349	↑P	Sb	19	55	53.5	-0.5	19 55 53.5	-0.5
JKT	Katahina	1.09	282	↑P	Sb	19	55	53.5	-0.5	19 55 53.5	-0.5
JKT	Yanaiizu	1.11	321	↑P	Sb	19	55	53.5	-0.5	19 55 53.5	-0.5
JFY	Matsushiro Arr	1.91	271	P	Pn	19	55	55.4	+0.6	19 55 55.4	+0.6
MJAR	6.4nm,0.3s,baz=85,slow=16,SNR=8.5				LR	19	56	11.0	-6.9	19 56 11.0	-6.9
MJAR	comp-Z,81nm,18.3s,baz=5.0,slow=49				LR	19	57	00.2		19 57 00.2	
MAT	Matsushiro 1.91 271				Pn	19	55	56.1	+1.2	19 55 56.1	+1.2
MAT	18nm,0.3s,baz=39,slow=10,SNR=1.1				Sb	19	56	14.5	-1.8	19 56 14.5	-1.8
JHJ	Hachioji ima 2	3.48	191	P	Sb	19	56	55.8	-0.5	19 56 55.8	-0.5
ASAJ	Asahikawa 7.72 11				Pn	19	57	11.8	-2.4	19 57 11.8	-2.4
ASAJ	0.9nm,0.3s,baz=210,slow=14,SNR=11				Sb	19	58	36.8	-3.3	19 58 36.8	-3.3
USRK	Ussuriysk Ar. 10.06 32				Pn	19	57	49.9	+3.6	19 57 49.9	+3.6
KSRs	Korea Array 10.17 279				Pn	19	57	48.5	+0.8	19 57 48.5	+0.8
KSRs	comp-Z,22nm,20.0s,baz=15,slow=LR				LR	20	01	34.9		20 01 34.9	
SOMN	Songino Array 17.51 305				P	20	01	05.2	-0.4	20 01 05.2	-0.4
H11N2	WAKE ISLAND Hy 28.49 119				T	20	01	31.7	0.0	20 01 31.7	0.0
H11N1	WAKE ISLAND Hy 28.49 119				T	20	01	31.9	0.0	20 01 31.9	0.0
H11N3	WAKE ISLAND Hy 28.50 119				T	20	01	31.8	0.0	20 01 31.8	0.0
H11S1	WAKE ISLAND Hy 29.17 121				T	20	02	30.6	0.0	20 02 30.6	0.0
H11S3	WAKE ISLAND Hy 29.17 121				T	20	02	31.7	0.0	20 02 31.7	0.0
H11S2	WAKE ISLAND Hy 29.18 121				T	20	02	30.6	0.0	20 02 30.6	0.0
CMAR	Chiang Mai Arr 40.73 255				P	20	03	00.0	+0.3	20 03 00.0	+0.3
ZALV	Zalesovo Beam 41.75 313				P	20	03	08.1	+0.3	20 03 08.1	+0.3
MKAR	Makanchi Array 43.81 302				P	20	03	24.9	+0.3	20 03 24.9	+0.3
MKAR	0.1nm,0.4s,baz=256,slow=39,SNR=2.5				PcP	20	05	10.5	+0.3	20 05 10.5	+0.3
ILAR	Eielson Array 50.26 32				P	20	04	14.3	-0.2	20 04 14.3	-0.2
WRA	Warramunga Arr 56.49 187				P	20	05	00.0	-0.6	20 05 00.0	-0.6
ASAR	Alice Springs 60.22 187				P	20	05	26.7	+0.1	20 05 26.7	+0.1
ASAR	0.3nm,0.9s,baz=15,slow=14,SNR=1.8				LR	20	05	46.0		20 05 46.0	
FINES	FINES Array 68.93 332				P	20	06	23.0	0.0	20 06 23.0	0.0
AKASG	Malin Array Be 74.27 322				P	20	06	54.6	-0.6	20 06 54.6	-0.6
PDAR	Pinedale Array 78.48 45				P	20	07	19.7	+0.1	20 07 19.7	+0.1
GERES	GERES Array B 82.77 328				P	20	07	41.9	-0.3	20 07 41.9	-0.3
H03N2	Juan Fernandez 147.65 96				T	23	00	13.2	0.0	23 00 13.2	0.0
H03N3	Juan Fernandez 147.65 96				T	23	00	15.6	0.0	23 00 15.6	0.0
H03N1	Juan Fernandez 147.65 96				T	23	00	13.2	0.0	23 00 13.2	0.0

RSNC 02 20:08:39.3.0.8,7.30N:78.23W,h7km,3km,ML3.1,Mw3.6
UPA 02 20:08:40.5.1,7.33N:78.28W,h7km,6km,MMW4.3
ISC 02 20:08:37.9.1.3,7.33N:0.03:78.27W:0.02,h9km,10km, n45,+1534/74,13C-5D, Panama

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	h	m	s	ISC	Time	Res
PTAC	Punta Arditia,	0.49	111	↑P	Sb	20	08	47.6	0.0	20 08 47.6	0.0
PTAC	0.1nm,1.3s,baz=27,slow=6.4,SNR=2.2				Sg	20	08	53.5	-0.6	20 08 53.5	-0.6
UPD2	Meteti	1.24	121	↑P	Sb	20	09	01.4	0.0	20 09 01.4	0.0
UPD2	0.2nm,0.4s,baz=49,slow=5.9,SNR=5.8				Sb	20	09	17.9	+0.3	20 09 17.9	+0.3
UPD2	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	17.9	+0.3	20 09 17.9	+0.3
SOLC	Bahia Solano	1.39	142	↑P	Sg	20	09	02.0	+0.4	20 09 02.0	+0.4
SOLC	0.2nm,0.3s,baz=33,slow=5.9,SNR=1.8				Sg	20	09	23.1	+0.4	20 09 23.1	+0.4
SOLC	comp-Z,330nm,0.3s				Pn	20	09	28.9		20 09 28.9	
CAPC	Capurgana	1.59	35	↑P	Sb	20	09	05.9	-0.4	20 09 05.9	-0.4
CAPC	0.1nm,0.4s,baz=287,slow=6.4,SNR=2.4				Sb	20	09	25.3	-1.5	20 09 25.3	-1.5
CAPC	comp-Z,468nm,0.5s				Pn	20	09	06.1	-0.3	20 09 06.1	-0.3
CAP2	Capurgana	1.60	34	↑P	Sb	20	09	06.1	-0.3	20 09 06.1	-0.3
CAP2	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	26.5	-0.7	20 09 26.5	-0.7
CHPO	Chepo, Panama	2.01	336	↑P	Sb	20	09	14.3	-0.4	20 09 14.3	-0.4
CHPO	0.8nm,0.4s,baz=49,slow=5.9,SNR=5.8				Sb	20	09	39.3	-0.6	20 09 39.3	-0.6
FLAM	Flamenco Islan	2.04	283	↑P	Sb	20	09	12.1	0.0	20 09 12.1	0.0
FLAM	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	37.1	-0.3	20 09 37.1	-0.3
AZU	Azuero	2.04	283	↑P	Sb	20	09	12.8	+0.5	20 09 12.8	+0.5
AZU	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	37.1	-0.3	20 09 37.1	-0.3
AZU	0.2nm,0.3s,baz=33,slow=5.9,SNR=1.8				Sb	20	09	36.9	-1.0	20 09 36.9	-1.0
AZU	comp-Z,205nm,0.4s				Pn	20	09	48.4		20 09 48.4	
UPA	Univ. de Panama	2.06	323	↑P	Sb	20	09	13.7	+0.9	20 09 13.7	+0.9
UPA	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	40.2	+1.6	20 09 40.2	+1.6
UPA	0.2nm,0.3s,baz=33,slow=5.9,SNR=1.8				Sb	20	09	13.6	+0.9	20 09 13.6	+0.9
UPA	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	40.4	-1.0	20 09 40.4	-1.0
UPA	comp-Z,116nm,0.4s				Pn	20	09	46.8		20 09 46.8	
DBBC	Dabeiba	2.07	98	↑P	Sb	20	09	13.2	+0.3	20 09 13.2	+0.3
DBBC	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	38.2	-0.8	20 09 38.2	-0.8
ARRA3	Arrajjan, Pana	2.13	320	↑P	Sb	20	09	14.1	+0.4	20 09 14.1	+0.4
CHOR3	La Chorrera	2.15	317	↑P	Sb	20	09	14.1	+0.4	20 09 14.1	+0.4
CHOR3	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	39.8	-1.0	20 09 39.8	-1.0
CHIT3	Chitre	2.21	287	↑P	Sb	20	09	15.9	+1.1	20 09 15.9	+1.1
VTON	El Valle, Cocl	2.23	305	↑P	Sb	20	09	12.9	-0.2	20 09 12.9	-0.2
YTON	YTON	2.23	305	↑P	Sb	20	09	12.9	-0.2	20 09 12.9	-0.2
ZANG	Zanguenga, Cho	2.26	316	↑P	Sb	20	09	16.8	+1.3	20 09 16.8	+1.3
ZANG	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	45.4	+1.8	20 09 45.4	+1.8
PNME	Penonome	2.34	300	↑P	Sb	20	09	17.5	+0.9	20 09 17.5	+0.9
FRJL	El Hirc	2.37	300	↑P	Sb	20	09	17.2	+0.2	20 09 17.2	+0.2
MLIR	Monte Lirio	2.46	321	↑P	Sb	20	09	18.6	+0.3	20 09 18.6	+0.3

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	h	m	s	ISC	Time	Res
MLIR	Monte Lirio	2.46	321	↑P	Sb	20	09	18.6	+0.3	20 09 18.6	+0.3
OCU3	Ocu, Herrera	2.56	284	↑P	Sb	20	09	48.4	-0.1	20 09 48.4	-0.1
OCAC0	El Cacao, Vera	2.57	271	↑P	Sb	20	09	20.6	+1.1	20 09 20.6	+1.1
OCAC0	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	22.1	+2.4	20 09 22.1	+2.4
OCAC0	comp-Z,468nm,0.5s				Pn	20	09	47.6	-3.5	20 09 47.6	-3.5
OCBOC	Ciudad Boliver	2.67	123	↑P	Sb	20	09	21.2	-0.2	20 09 21.2	-0.2
MARI3	Marieta, Verag	2.71	277	↑P	Sb	20	09	43.4	+1.7	20 09 43.4	+1.7
PONU3	Ponuga, Veragu	2.74	282	↑P	Sb	20	09	23.8	+1.7	20 09 23.8	+1.7
UREC	San Jos de Veru	2.75	81	↑P	Sb	20	09	23.0	+0.7	20 09 23.0	+0.7
UREC	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	54.4	-1.3	20 09 54.4	-1.3
UREC	comp-Z,468nm,0.5s				Pn	20	09	28.0	+2.7	20 09 28.0	+2.7
HEL3C	Santa Helena	2.95	112	↑P	Sb	20	09	10.6	+0.5	20 09 10.6	+0.5
HEL3C	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	26.6	+1.3	20 09 26.6	+1.3
HEL3C	0.2nm,0.3s,baz=33,slow=5.9,SNR=1.8				Sb	20	09	10.4	+0.4	20 09 10.4	+0.4
HEL3C	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	26.1	+1.0	20 09 26.1	+1.0
MOTC	Monteria, Cord	2.96	61	↑P	Sb	20	09	00.9	+0.1	20 09 00.9	+0.1
MOTC	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6				Sb	20	09	07.7		20 09 07.7	
MONA	Monteria	2.96	61	↑P	Sb	20	09	26.3	+1.1	20 09 26.3	+1.1
GMAL	Guarumal, Vera	2.97	279	↑P	Sb	20	09	25.9	+0.7	20 09 25.9	+0.7
GMAL	0.1nm,0.5s,baz=334,slow=6.6,SNR=1.6</										

2d 20h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like BLSI Bandar Lampung, CGJI Cibinong, COEN Coen, etc.

2015 JAN

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like LZH comp=Z,290nm,17.3s, MSHR Mys Shultsa, SHL Shilling, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like MKAR Makanchi Array, MKAR comp=Z,4.6nm,0.5s, 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 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 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 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: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, WRA Warrungu Arr, SONM Songino Array, etc.

ADC 02:21:32.36.0.0, 11:61N, 143:08E, h0km, mb3.8/9, mb1.4/0.10, mb1mx3.7/5.0, mbtmp3.8/10, ML3.8/1, MS2.5/1, MS1.2/3.1, ms1mx2.4/3.0, Error ellipse: s-maj=29.1km s-min=17.7km az=11.64

NEIC 02:21:32.37.2.2, 11:61N, 143:08E, h25km, gkm, mb4.3/8, Error ellipse: s-maj=28.1km s-min=10.4km az=135.0

ISC 02:21:32.38.4.0, 11:61N, 142:9E, 0.1, h32km, m21, s=135/22, mb4.0/13, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GUMO Guam, GUMO GUMO, GUMO GUMO, GUMO GUMO, etc.

JMA 02:21:32.33.6.0.1, 42:89N, 146:38E, h41km, 2km, M3.1 SKHL 02:21:32.34.0.0.5, 42:83N, 146:21E, h42km, 4km, mb3.6/2

ISC 02:21:32.31.8.2.3, 42:91N, 008:146.28E, 0.07, h2km, 12km, n15, s=68/27, Off southeast coast of Hokkaido

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NEM2 Nemuro 2, NMR Nemuro-Hokkai, NMR NMR, etc.

ADC 02:22:07:28.5.0.4, 56:82S, 150:67W, h0km, mb4.9/14, mb1.5/0.14, mb1mx4.8/25, mbtmp4.9/14, MS3.9/13, MS1.3/9.13, ms1mx3.9/18, Error ellipse: s-maj=20.7km s-min=12.7km az=5.0

NEIC 02:22:07:30.4.1.6, 56:9S, 0.1:150:6W, 0.2, h10km, mb5.3/75, Error ellipse: s-maj=20.3km s-min=16.0km az=13.0

GCMT 02:22:07:43.0.2, 57:01S, 0.1:150:82W, 0.04, h13km, MW5.0/90, Moment Tensor Solution, s47,c57, s90,c125; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-3.82±.18; Mw0.52±.14; Mw0.30±.11; M1.1±.29; Mw0-1.50±.09; Mw0.17±.27; Best double couple: Mo4.1450±0.1016 NP1>=120.00000<, <=38.00000<, <-76.00000<. NP2: <=283.00000<, <=53.00000<, <-101.00000<. Principal axes: T 4.2450, P1g7.0000, Azm21.0000, N -0.2000, P1g9.0000, Azm289.0000, P -0.4400, P1g79.0000, Azm150.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02:22:07:30.6.0.3, 56:96S, 008:150:60W, 0.06, h10km, n309, s=99/278, mb5.3/48, MS4.0/19, 43-CD, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VVDA Vanda, VVDA Vanda, VVDA Vanda, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB08 IPOC Station P, CPBS Cacapa Do Su, G001 Cacapa Do Su, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Karatay Array, Ala-Archa, and Akbulak array.

RSPR 02:23:55:02.4, 17.92N:68.51W, h102km, 2km, MD3.6/10
NEIC 02:23:55:02.3-1.7, 18.1N:0.2-68.53W:0.04, h69km, 293km,
Error ellipse: s-maj=30.4km s-min=3.9km az=187.0

ISC 02:23:55:02.3-1.7, 18.1N:0.2-68.53W:0.06, h95km, n46,
e08151, 10C, Mona Passage

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including Loma Pena Alta, Mayaguez, Las Mesas, and various AGPR stations.

SKHL 02:23:56:07.5:0.4, 45.28N:141.83E, h15km, 5km, mb5.0/3
JMA 02:23:56:09.7:0.1, 45.20N:141.76E, h10km, 3km, M3.5
JMA Felt II J1.

NIED 02:23:56:09.7, 45.20N:141.76E, h10km, MW3.5, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14N;
Mn:0.73; Mb:1.34; Mw:2.07; Ml:0.90; Nk:0.21; Mr:0.53;

Fault plane solution: Ms2, 11000x10^14 NP2:
e2:15.00000; e3:0.00000; e1:145.00000. NP2:
e2:37.00000; e3:0.00000; e1:121.00000

ISC 02:23:56:08.7:1.2, 45.22N:141.79E:0.04, h11km, 16km,
n7, e0855/13, 2C-3D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for the Hokkaido region including Keihoku, Rishiri, and Yuzh-Sakhalins.

IDC 03:00:16:21.6:0.8, 28.47N:103.77E, h0km, mb3.7/9,
mb1 3.8/11, mb1mx3.6/43, mbtmp3.6/11, ML3.5/2, MS3.1/3,
Ms1 3.1/3, ms1mx2.8/23, Error ellipse: s-maj=31.0km,
s-min=16.3km az=62.0

NEIC 03:00:16:22.9:2.0, 28.51N:103.8E:0.1, h10km, 1km,
mb4.3/5, Error ellipse: s-maj=20.4km s-min=12.1km
az=298.0

BUI 03:00:16:22.9:0.6, 28.50N:103.84E:0.06, h10km, n27,
ML3.7/16

ISC 03:00:16:22.9:0.6, 28.50N:103.84E:0.06, h10km, n27,
e143/32, mb3.8/12, 1C-3D, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for Sichuan including Chengdu, CD2, and GYU.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations including GYA, WHN, CMAR, SONM, WMQ, KSRs, MK31, MKAR, MAKZ, ZALV, KURBB, KURK, MAJO, OBN, WRA, AKASG, ASAR, FIA1, FIA2, FINES, NWAO, YKA, and REY.

REY 03:00:29:09.7, 64.66N:17.39W, h0km
NEIC 03:00:29:12.2:2.6, 64.44N:0.08:17.8W:0.1, h11km, 4km,
mb4.4/49, Error ellipse: s-maj=12.0km s-min=9.0km
az=197.0

IDC 03:00:29:12.3:0.7, 64.61N:17.49W, h0km, mb3.7/16,
mb1 4.0/18, mb1mx3.8/44, mbtmp3.8/18, ML3.6/2, Error
ellipse: s-maj=22.0km s-min=13.6km az=39.0

ISC 03:00:29:12.7:0.4, 64.48N:0.04:17.77W:0.04, h10km, n133,
e162/109, mb4.1/50, Iceland

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including HAM, IJOK, ISKR, IDYN, IEIY, IURH, IKVE, IKAL, IKSK, THOR, IKRE, IASK, IFAG, IMKO, ISVA, IVSH, IVSH, IRJU, IFED, IMJU, IHVO, IGYG, IHAU, IADA, IMEL, IREN, ISAU, IKVO, IGRS, ISKI, IGRA, ISOL, IDIM, BORG, IHED, IBRE, IIGL, ISIG, ISLE, ISCO, ISCO, ISCO, ISCO, SUMG, ESK.

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including EKA, DSB, NRS, NORSAP, FINES, TULEG, CLL, GRF, NKC, BFC, BRG, BRG, BRG, PRU, KHC, KHC, DPC, DAVA, GEC2, GEC2, GERES, RETA, MOTA, DAVOX, TUE, FETA, SQTA, WATA, WTAA, VRAC, MORC, EUNU, MOA, ABTA, KBA, OJC, OJC, SALO, CTI, MTE, ARSA, OBKA, KWP, ESSB, ESDC, PSZ, PAB, PVAO, NRCA, AKASG, BUR08, MLR, GBN, G65A, BRTR, KBZ, YKA, YKA, TIXI, TIXI, TOLK, TOLK, ILAR, ZAAO, ZAAO, ZALV, BCPM, EGMF, EYAK, FPAL, GEYT, MK31, MKAR, TOAO, TORD, BW06, PD31, PD31, PDAR, REDW, RDMU, HRA, PV14, PV13, MLPR, DBIC, DBIC, TIC, KIC, LANS, R11A, LCMT, SONM, WUAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BMO Blue Mountains, MOY Mondy, RDMU Red Mountain, etc.

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

Table with columns: KIF Kilpisjärvi, KIF Kilpisjärvi, KJF Pajala, etc. Includes station codes and coordinates.

UPP 03:00:37.20:3.0-2.6, 67.84N:20:18E, h0km, ML1.5, Explosion, Sweden

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

IDC 03:00:55:59.5:5.0, 39.45N:69.09E, h0km, mb3.7/1, mb1 3.6/3, mb1mx3.2/35, mbtrmp3.6/3, ML3.2/2, Error ellipse: s-maj=215.4km s-min=24.8km az=148.0

IDC 03:01:13:06:51.5, 5.60S:150.51E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.2/31, mbtrmp3.5/2, Error ellipse: s-maj=103.8km s-min=21.1km az=137.0, New Britain

ARE 03:01:21:57:1.7, 15.30S:0.1:75.0W, 0.2, h43km, 6km, Error ellipse: s-maj=23.9km s-min=9.4km az=58.0

IDC 03:01:21:56.9:0.7, 15.33S:0.1:75.2W, 0.2, h26km, n32, @254/26, mb3.8/3, Near coast of Peru

ARE 03:01:21:57:1.7, 15.30S:0.1:75.0W, 0.2, h43km, 6km, Error ellipse: s-maj=23.9km s-min=9.4km az=58.0

IDC 03:01:21:56.9:0.7, 15.33S:0.1:75.2W, 0.2, h26km, n32, @254/26, mb3.8/3, Near coast of Peru

SOME 03:02:30:12.0, 39.85N:69.00E, h5km, IDC 03:02:30:14.7:3.4, 40.36N:69.42E, h0km, mb3.6/1, mb1 3.5/4, mb1mx3.2/32, mbtrmp3.5/4, ML3.1/3, MS3.4/1, Ms1 3.4/1, ms1mx2.6/37, Error ellipse: s-maj=145.1km s-min=17.7km az=152.0

NINC 03:02:30:14.8:1.4, 40.00N:68.86E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=11.2km s-min=8.3km az=7.0

ISU 03:02:30:15.39:93N:68.78E, h5km, Hypocentre not reviewed by the ISC

KRNET 03:02:30:15.6:0.1, 39.92N:69.03E, mb3.5, IDC 03:02:30:13.7:0.8, 39.90N:0.05:68.74E:0.04, h10km, n41, @250/60, 16C-14D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GO01 Chuzmiza, GO01 Chuzmiza, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB14 IPOC Station P, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, etc.

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

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

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

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

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

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

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

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

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

Main table containing flight schedules with columns for airline, flight number, departure time, arrival time, and status. Includes sub-sections for '3d' and '3h'.

3d 6h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like BC03, CAPN, RND, etc.

IDC 03 05:13.14.7.2.0, 1.73N, 124.40E, h0km, mb3.2/3, m1 3.4/3, mb1mx3.2/3, mbtmp3.3/3, Error ellipse: s-maj=196.9km s-min=28.3km az=63.0, Mininassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like WRA, ASAR, MKAC.

DJA 03 05:20.22.9.0.5.3.1.3.3.3.12.7E, h10km, M4.4/7, mb5.0/1, mb5.0/1, ML4.1/7, Mw(mb)4.2/7

NEIC 03 05:20.22.9.2.2.2.8.7N, 126.98E, h52km, 30km, mb4.0/22, m1 4.1/23, mb1mx4.0/39, mbtmp4.3/23, ML4.0/1, MS3.4/3, Ms1 3.4/3, ms1mx2.9/36, Error ellipse: s-maj=23.8km s-min=10.6km az=77.0

ISC 03 05:20.23.7.4.0.2.7.8N, 105.127.08E, 0.07, h44km, n70, r=1525/63, mb4.4/35, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SGSI, SGTI, TMTI, etc.

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Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LUWI, TOLIZ, FAKI, etc.

IDC 03 05:42.51.9.1.1.33.53N, 131.65E, h92km, 10km, mb3.0/4, mb1 3.3/6, mb1mx3.1/32, mbtmp3.4/6, Error ellipse: s-maj=24.3km s-min=13.8km az=79.0

JMA 03 05:42.51.7.33.58N, 131.83E, h85km, 1km, M3.4, Broadband fault plane solution: P waves. NP1: p=327.00000, s=622.00000, t=147.00000. NP2: p=206.00000, s=878.00000, t=72.00000. Principal axes: T P1g31.00000, Azm281.00000, N P1g18.00000, Azm22.00000, P P1g53.00000, Azm138.00000

ISC 03 05:42.51.5.0.9.33.55N, 131.82E, 0.04, h86km, 6km, n19, r=058/32, mb3.4/4, 6C-4D, Kyushu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JKI, JBEP, JUS, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JHT, JIU3, JGT2, etc.

IDC 03 06:07.01.9.1.2.1.73N, 126.39E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.7/44, mbtmp3.9/7, ML3.3/1, MS3.1/1, Ms1 3.1/1, ms1mx2.5/38, Error ellipse: s-maj=122.7km s-min=16.8km az=70.0

NEIC 03 06:07.08.5.1.6.1.89N, 109.126.82E, 0.10, h51km, 11km, mb4.2/11, Error ellipse: s-maj=17.2km s-min=8.7km az=49.0

DJA 03 06:07.08.5.1.6.2.1.4.12.7E, h24km, 15km, M4.1/6, ML4.1/6

ISC 03 06:07.08.4.0.8.1.88N, 107.126.8E, 0.1, h50km, n30, r=1516/31, mb4.1/11, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TMTI, TMTI, SGTI, etc.

TRN 03 06:07.36.4.17.56N, 60.70W, h20km, MD4.2

ISC 03 06:07.39.2.3.1.17.5N, 0.11, 60.70W, 0.1, h58km, 24km, n50, r=0587/63, Leeward Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ANBD, ANBD, ABD, etc.

Table with 4 columns: PTBC, SPBC, CHIC, HLOC, CBOC. Columns 2-4 contain station names and coordinates. Column 5 contains Pn and time values.

PGC 03 06:09:17.4:1.6, 5.0:75N:130:46W, h10km, ML3.0/27, Mw3.6/27, 214km west of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 03 06:09:19.7:1.9, 5.0:90N:130:02W, h0km, mb3.5/1, mb1 3.6/6, mb1mx3.3/58, mbtmp3.3/6, ML3.2/5, MS3.2/2, Ms1 3.2/2, ms1mx2.7/29, Error ellipse: s-maj=23.1km s-min=14.1km az=70.0

ISC 03 06:09:18.2:2.9, 5.0:84N:0:06:130:29W:0:06, h7kmx20km, n68, r195/62, Vancouver Island region

Main table listing station names, coordinates, and time residuals for various stations like HOLB, HG4B, PHC, etc.

NOU 03 06:10:51.2, 40:40S:174:55E, h62km, MLV3.6, Cook Strait, New Zealand

WEL 03 06:10:49.9, 40:51S:175:5E, h92kmx2km, M3.5/24, ML3.9/22, MLV3.5/24, Error ellipse: s-maj=0.0km s-min=0.0km az=36.4, Cook Strait

Table listing station names and time residuals for stations like KIW, OGWZ, DUWZ, etc.

Table listing station names and time residuals for stations like PREZ, NMEZ, NNZ, etc.

IDC 03 06:11:51.0:1.1, 3:42S:130:14E, h0km, mb3.8/5, mb1 4.0/8, mb1mx3.7/45, mbtmp3.8/8, ML3.8/3, Error ellipse: s-maj=42.3km s-min=17.6km az=83.0

DJA 03 06:11:53.8:1.1, 3:53S:133:0E, h19km, 11km, M3.6/8, MLV3.6/8

ISC 03 06:11:55.4:0.8, 3:49S:0:05:130:13E:0:05, h35km, n14, r240/20, mb3.9/4, Seram

Table listing station names and time residuals for stations like BNDI, BNDI, MASO, etc.

IDC 03 06:28:41.1:2.2, 1:78N:126:04E, h0km, mb3.2/3, mb1 3.6/2, mb1mx3.2/35, mbtmp3.2/3, Error ellipse: s-maj=186.4km s-min=28.4km az=65.0, Northern Molucca Sea

IDC 03 06:30:05.4:2.6, 54:11N:86:58E, h0km, mb1 3.4/1, mb1mx3.0/41, mbtmp3.4/1, ML3.4/1, Error ellipse: s-maj=21.9km s-min=12.2km az=60.0, Southwestern Siberia

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

Table listing station names and time residuals for stations like WRA, ASAR, etc.

0.2nm, 0.7s, baz=58, slow=8.3, SNR=1.3

TORD Torrid Ar. Beaz 151.39 287 PKPbc PKPbc 06 55 17.2 -0.1

Table listing station names and time residuals for stations like BLY, BLY, Kijevo, etc.

TAP 03 07:59:22.4:24.78N:122:84E, h7km, 1km, ML2.9/D JMA 03 07:59:24.5:0.1, 24:78N:122:92E, h28kmx2km, M1.8

ISC 03 07:59:21.6:1.2, 24:75N:10:04:122:90E:0:03, h5km, 10km, n35, r48/163, TC, Taiwan region

Table listing station names and time residuals for stations like JYNG, JYNG, Yonaguni jima, etc.

IDC 03 06:11:51.0:1.1, 3:42S:130:14E, h0km, mb3.8/5, mb1 4.0/8, mb1mx3.7/45, mbtmp3.8/8, ML3.8/3, Error ellipse: s-maj=42.3km s-min=17.6km az=83.0

DJA 03 06:11:53.8:1.1, 3:53S:133:0E, h19km, 11km, M3.6/8, MLV3.6/8

ISC 03 06:11:55.4:0.8, 3:49S:0:05:130:13E:0:05, h35km, n14, r240/20, mb3.9/4, Seram

Table listing station names and time residuals for stations like BNDI, BNDI, MASO, etc.

IDC 03 06:28:41.1:2.2, 1:78N:126:04E, h0km, mb3.2/3, mb1 3.6/2, mb1mx3.2/35, mbtmp3.2/3, Error ellipse: s-maj=186.4km s-min=28.4km az=65.0, Northern Molucca Sea

IDC 03 06:30:05.4:2.6, 54:11N:86:58E, h0km, mb1 3.4/1, mb1mx3.0/41, mbtmp3.4/1, ML3.4/1, Error ellipse: s-maj=21.9km s-min=12.2km az=60.0, Southwestern Siberia

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

IDC 03 06:35:20.4:3.8, 5:84S:153:62E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/29, mbtmp3.3/2, Error ellipse: s-maj=168.2km s-min=53.5km az=125.0, New Ireland region

Table listing station names and time residuals for stations like WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MRSB, TURUNC, MULA, SMG, DALY, ARG, FET, URL, GOMA, etc.

ASRS 03 08:17:57.0±0.2, 52°N, 2°9'E, h10km, MLh3.8/11, smi:org.gfz-potsdam.de/geofon/LOCSAT_earthModellID

NNC 03 08:18:10.4±0.4, 51°6'N, 92°95'E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=336.1km s-min=173.8km az=50.0

ISC 03 08:16:00.3±0.9, 51°59'N, 03°42'E, 0.02, h15km, 8km, n33, z279/71, 3C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KZLR, ARADR, TDJR, ERNS, BLRR, DJOS, CERR, CEHR, DJO, KNKR, TBTR, TEL, ABNR, VEH, KTRR, ORY, SHRR, SHRR, LUBZ, CUR, ULGR, TASSR, MOY, ARTR, CHBI, ZAK, SALR, TLY, UKR, MK31, MK31, KURK, KURK.

KURBB Kurchatov Arra 6.6nm, 0.6s 9.91 271 fLg 08 23 00.5

IDC 03 08:20:04.1±8.3, 21.79N×142.70E, h698km, 128km, mb2.3/6, mb1 2.5/6, mb1mx2.3/44, mbtmp3.4/6, Error ellipse: s-maj=42.6km s-min=22.4km az=72.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM, WRA, MKAR, KURBB, ILAR, YKA.

IDC 03 08:27:19.2±7.8, 13.85N×143.97E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/43, mbtmp3.7/4, Error ellipse: s-maj=314.5km s-min=32.1km az=82.0, South of Mariana Islands

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

ROM 03 08:29:21.8±0.2, 35.98N×0.02×13.93E, 0.02, h19km, 1km, bz=310.0, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CLTA, HPAC, HMDC, RAFF, HAVL, MEU, HLNI, HCRL.

BUI 03 08:41:49.0±0.0, 50°30'N, 178°36'W, h14km, mb5.1/23, mb4.8/34, Ms4.6/7, Ms7.4/44, AEIC 03 08:41:51.1±8.5, 51°59'N, 0°08', 178°15'W, 0.06, h16km, 3km, ML4.7, mb4.8/182(NEIC), Error ellipse: s-maj=12.3km s-min=4.6km az=169.0

NEIC 03 08:41:52.5±1.7, 51°68'N, 0°06', 178°20'W, 0.05, h21km, 3km, Error ellipse: s-maj=9.1km s-min=3.8km az=166.0

MOS 03 08:41:52.6±1.1, 51°71'N, 178°14'W, h34km, mb5.0/34, Error ellipse: s-maj=9.7km s-min=7.2km az=69.2

GCMT 03 08:41:53.0±0.4, 51°36'N, 0°04', 178°06'W, 0.04, h24km, 1km, MW4.8/68, Moment Tensor Solution, s21, c26, s68, c85; Duration: 0 Moment tensor: Scale 10^16Nm, M1r: 1.9e-14; Ms: 0.62; 10: Mw: 3.6/17, ms1mx3.4/37 Error ellipse: s-maj=17.4km s-min=10.9km az=163.0; Ms: 0.19; 10: Best double couple: M2: 0.0400/-0.10; NP1: ±16.00000/-0.835.00000/-1.118.00000/-; NP2: ±229.00000/-0.860.00000/-0.72.00000/-; Principal axes: T 1.6210, P1g13.00000, Azm306.00000/-N 0.7620, P1g16.00000, Azm39.00000/-P -2.3880, P1g70.00000/- Azm178.00000/-; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 03 08:41:55.1±2.5, 51.83N×178°17'W, h46km, 22km, mb4.0/25, mb1 4.2/28, mb1mx1.0/60, mbtmp4.3/28, ML4.3, MS3.6/17, Ms1 3.6/17, ms1mx3.4/37 Error ellipse: s-maj=17.4km s-min=10.9km az=163.0

ISC 03 08:41:52.0±0.4, 51.62N×0°07', 178°13'W, 0.03, h21km, 2km, n512, c192/11, mb4.8/117, MS3.7/19, 6C-12D, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TASE, TAFF, GALEA, KIMD, KIKV, KIRH, ADK, ADK, ADK, ETKA, GSIT, GSMY, GSTR, CERAA, CERB, CEAP, AMKA, LSPA, LSSA, LSNW, ATKA, SMY, NIKH, OKSO, MAPS, MGOD, SPIA, MREW, MSW, MNAT, UNV, AKGQ, AKUT, WTUG, FALS, DTI, SDDP, CHBA, CNBG, ANM, ANM, PEAOB, PEAOB, PEAOB, PETK, PETK, OIAK, OIAK, SVW2, SVW2, KDAK, KDAK, KDAK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KDAK, TTA, TTA, RSO, CNPM, SKT, PPLA, PPLA, SUA, O22K, O22K, GOW, SEDW, BILL, RC01, CUT, PMR, PMR, PMR, KTH, GHO, TRF, TRF, BPAW, BPAW, KNK, SML, MA2, SEY, SEY, SEY, GLI, GLI, RND, RND, MLY, BWN, BWN, SCM, SCM, SCM, FID, FID, FID, I23K, I23K, I23K, KLU, KLU, M24K, M24K, M24K, CCB, CCB, TCOL, TCOL, COLA, COLA, COLA, HDA, HDA, PAX, PAX, PAX, POKR, POKR, POKR, N25K, N25K, IL31, ILAR, ILAR, COLD, COLD, COLD, COLD, GLB, GLB, VRDI, VRDI, RIDG, RIDG, MCARA, MCARA, MENT, MENT, DOT, L26K, SCRK, TOLK, TOLK, TOLK, TOLK, A21K, A21K, A21K, K27K, K27K, K27K.

Table with columns: Station, Name, Time, Frequency, Power, and Signal. Includes stations like EGAK Eagle, DAWY Dawson, YSS Yuzh-Sakhalins, etc.

Table with columns: Station, Name, Time, Frequency, Power, and Signal. Includes stations like HIA Hailar, E09A Wood Farm, KMRM Mail Ridge, etc.

Table with columns: Station, Name, Time, Frequency, Power, and Signal. Includes stations like ECR Eagle Creek, RLMT Red Lodge, ISA Isabella, etc.

3d 11h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KSRS, LZH, KURK, ASAJ, BVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SVKR, WRA, etc.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like UKT, BOD, YLYR, KPC, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TIRR, KIS, CMAR, SONM, etc.

0.5nm,0.7s,baz=13,slow=8.7,SNR=6.4

IDC 03 11:06:17.1,2.8,56.61N>177.96W,h534km,22km, mb2.8/3,mb1 3.0/4,mb1mx2.7/35,mbtmp3.7/4, Error ellipse: s-maj=44.1km s-min=35.4km az=74.0, Fiji Islands region

Code Station Name A° AZ° Phase ID Time Res h m s ISC 11 07 30.0 -0.1 MSVF Nonsavu 3.88 282 P P 11 10 14.6 0.0 URZ Urewera 20.09 191 P P 11 13 44.0 -0.7 WRA Warramunga Arr 49.93 260 P P 11 13 45.6 +0.3 ASAR Alice Springs 45.03 255 P P 11 25 02.7 -0.6 GERES GERRSS Array B 148.35 345 PKPbc PKPbc 11 25 02.7 -0.6

BGR 03 12:01:00.7,0.0,65.41N>20.88W,h33km,mb4.5 REY 03 12:01:11.7,64.67N>17.49W,h8km IDC 03 12:01:12.8,0.7,64.61N>17.68W,h0km,mb3.7/15, mb1 4.0/16,mb1mx3.7/59,mbtmp3.8/16,ML4.2/1,MS3.6/10, Ms1 3.6/10,ms1mx3.2/57, Error ellipse: s-maj=24.2km s-min=13.5km az=21.0

NEIC 03 12:01:13.7,2.6,64.65N>0.05>17.8W,0.2,h7km,5km, mb4.3/17, Error ellipse: s-maj=10.8km s-min=6.8km az=101.0

ISC 03 12:01:13.7,0.5,64.58N>0.04>17.76W,0.04,h10km,m112, e=154/85,mb4.1/36,MS3.5/8,Iceland

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s, ISC. Lists various stations like IHAM Hamarinn, ISKR Skrokkaalda, IDJN Djungluhals, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s, ISC. Lists various stations like GERS, RETA Reutts, MOTA Mossalm, DAVOX Davos/Dischmat, etc.

IDC 03 12:10:58.0,0.6,17.47N>83.69W,h0km,mb4.2/20, mb1 4.3/24,mb1mx4.3/41,mbtmp4.2/24,ML3.8/4,MS3.4/8, Ms1 3.4/8,ms1mx3.1/46, Error ellipse: s-maj=21.2km s-min=12.7km az=58.0

NEIC 03 12:10:59.5,2.4,17.52N>0.06>83.73W,0.07,h10km,1km, mb4.3/71, Error ellipse: s-maj=11.2km s-min=10.3km az=302.0

ISC 03 12:11:00.6,0.4,17.46N>0.05>83.74W,0.05,h18km,m161, e=159/156,mb4.3/33,MS3.6/4,North of Honduras

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s, ISC. Lists various stations like FSCY Frank Sound, LCCY Blossom Village, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s, ISC. Lists various stations like 344A Westbrook Farm, SDV Santo Domingo, SDV El Rosal, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SAML Samuel, ULM Lac du Bonnet, MALB Monte Alegre, etc.

TUL 03 12:16:30.6:1.2,36:85N,0:03:97:81W,0:04,h6km,7km, ML3.4, mb, Lg3.4(122)(NEIC), Error ellipse: s-maj=5.6km, s-min=2.6km az=52.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN14 Manchester OK, KAN13 South Haven SW, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AMTX Amarillo, S39A Bolivar, N33B J Bar K, etc.

KRNET 03 12:16:56.3:0.1,42:08N:78:89E,h35km,mb2.1 NNC 03 12:16:59.0:3.0,41:17N:78:19E,h0km,mb3.1,mpv2.8, Error ellipse: s-maj=22.1km s-min=12.3km az=167.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ULHL Ulahol, SATY Saty, UZB Uzynbulak, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BYKL 03 12:19:42.7:0.2,56:08N:113:71E,h2km,6km,1C, East of Lake Baykal, etc.

ISC 03 12:19:54.1-0.4,56:08N.0:02-113:58E.0:02,h10km,n77,
c2572/128,mb3.8/15,1C-5D, East of Lake Baykal

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Severomuyusk, Uoyan, Kumura, Bodaibo, Ulyunkhan, Chara, Suvo, Vitim, Tupik, Chita, Ongureny.

Table with columns: OGRR, OGRR, comp, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ongureny, Yuktai, Tyrgan, Fofonovo, Kabansk, Khuramsha, Bolshoye Golou, Khapcheringa, Arshan, Hailar, Zeya, Zakamensk, Mondy, Orlik, Ulanbaatar, Sonm, Yakutsk.

Table with columns: YAK, YAK, comp, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KLR, ZALV, USRK, NRIK, GTA, SEY, MKAR, KURB, BVK, CMAR, FINES, ILAR, INK, DAV, YKA, GERES, ESDC, NVAR, WRA, TORD, ABA, ABMS, EMHD, ADJB, EIBI, ETOS, ETOB, EMOS, EPOB, CFON, EMIR, EJON, SJAF, BJI, MOS, FELT, BYKL, NEIC, CIT, OGRR.

BYKL 03 12:31:09.6±0.4,56°10N×113.74E,1C,East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Severomuyusk, Uakit, Nelyaty, Kumora, Bodaibo, Ulyunkhan, Nizh Angarsk, Chara, Suvo, Vitim, Tupik, Maximikha, Chita, Ongureny, Yuktali, Fotonovo, Khuramsha, IENR, KPC, Zakamensk, Mondy, Orlik.

BYKL 03 12:31:53.9±0.3,56°11N×113.73E,1C,East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Severomuyusk, Uakit, Nelyaty, Kumora, Bodaibo, Ulyunkhan, Nizh Angarsk, Chara, Suvo, Vitim, Tupik, Maximikha, Chita, Ongureny, Yuktali, Fotonovo, Khuramsha, IENR, KPC, Zakamensk, Mondy, Orlik.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates and timing data.

Table with columns: ESL, Station Name, Time, Res, h, m, s, ISC, Pn, Sn. Lists stations like Shilin, TDCB, HSN1, XNWU, Emei, Renai, Nanjuang, Hsinchu, Taichung City, Zhunan, Ruisui, Puil Township, Miaoil, Hungye, Guoxing, Sun Moon Lake, Suanglung, Yuli, Yuchr, Yuli, Tarama, Dajia District, Taichung, Wufeng, Xinyi Township, Ful, Nantou City, Zhushan, Alishan, Tsauling, Donghe, Lidou, Gukung, Doulu, Zhudong, Erlin.

JMA 03 12:35:23.7±0.1,24°67N×122°63E,h116km,1km,M3.9
TAP 03 12:35:24.5,24°71N,122°66E,h110km,ML4.3,B
ISC 03 12:35:24.2±1.2,24°71N,122°66E±0.02,h114km,6km, n140,c070/269,Taiwan region

3d 12h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical details. Includes stations like LONT Longtian, JIRB Irabujima, LDUT Ludao, etc.

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Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical details. Includes stations like KNM Kinmen, KNMB Chin-men Tao, AXDP Jialang, etc.

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Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical details. Includes stations like SATY Saty, SATY Saty, BTLS Baital, etc.

BSY	Bisya	19.22 225	P	P	12 50 45.9	-2.2
MAK	Makhakkala	19.44 295	eP	S	12 50 50.2	0.0
MAK			eS	P	12 54 24.2	+1.4
MAK			pmax	pmax		
SEKA	Shoki	19.48 289	P	P	12 50 51.5	+0.7
MNGR	Mingechevir, A	19.54 288	P	Pn	12 50 52.6	-1.4
GANJ	Ganja	20.12 288	P	P	12 50 59.2	-1.5
GUWA	GUWAHATI	20.13 118	eP	P	12 50 59.2	+1.4
HYB	Hyderabad	20.65 162	iP	P	12 51 04.0	+0.5
HYB			eS	S	12 51 04.9	+1.3
SHL	Shillong	20.65 119	P	P	12 51 04.9	+1.3
SHL			pmax	pmax		
SHL	Shillong	20.65 119	eP	S	12 51 04.5	+0.8
SHL			eS	S	12 54 42.6	-4.8
GRO	Shillong	20.65 119	P	P	12 51 04.9	+1.3
SHL	Groznyy	20.71 295	eP	P	12 51 05.3	+1.4
GRO			ePP	pP	12 51 27.9	0.0
GRO			eS	S	12 54 51.4	+3.4
GRO			eSS	sS	12 55 26.3	-3.0
GRO			pmax	pmax		
NAX	Nakhchivan	20.77 283	P	P	12 51 05.6	+0.8
ZIRO	Ziro	20.92 111	eP	P	12 51 07.7	+1.2
SVE	Sverdlovsk	20.94 343	eS	S	12 54 51.3	-1.3
SVE			eS	S	12 51 06.8	+0.5
SVE			pmax	pmax	12 54 53.2	+1.0
ARU	Arti	21.13 339	P	P	12 51 08.5	+0.2
ARU			S	S	12 54 56.5	+0.7
ARU	Arti	21.13 339	eP	P	12 51 08.1	-0.2
ARU			S	S	12 51 38.9	
ARU			pmax	pmax	12 54 57.7	+1.9
ARU	Arti	21.13 339	P	P	12 51 08.3	0.0
ARU			IAMB	IAMB	12 51 31.9	
GNI	Garni	21.32 286	P	P	12 51 12.1	+1.4
GNI			pmax	pmax	12 51 12.8	+2.1
GNI	Garni	21.32 286	eP	P	12 51 12.5	+1.8
GNI			IAMB	IAMB	12 51 25.3	
MIB	Mutribal	21.72 257	eP	P	12 51 14.3	
RDF	Al-Radif	21.96 255	eP	P	12 51 17.2	
GTA	Goatari	22.00 76	iP	P	12 51 20.4	+2.6
GTA			pP	pP	12 51 47.2	+4.1
GTA			pmax	pmax		
GTA			pmax	pmax		
GTA			LR	LR		
GTA			LR	LR		
GTA			LR	LR		
GTA			LR	LR		
ZEI	Tsey	22.05 293	eP	P	12 51 21.6	+3.2
ZEI			pmax	pmax		
MOKO	MOKOCHONG	22.09 113	eP	P	12 51 20.9	+2.0
RST	Umm Al-Ruwaisa	22.12 257	eP	P	12 51 18.1	
KOH	KOHIMA	22.14 115	eP	P	12 51 20.5	+1.1
NCK	Natchik	22.34 295	eP	P	12 51 20.7	-0.4
NCK			pmax	pmax		
BELG	Belogomoye	22.73 319	P	P	12 51 25.4	+0.7
KBZ	Khabaz	22.87 295	eP	P	12 51 26.9	+0.8
KBZ			eS	S	12 51 27.0	+0.8
GOF	Goftsoyke	22.95 299	eP	P	12 51 30.5	+3.5
GOF			pmax	pmax		
KIV	Kislovodsk	23.05 296	eP	P	12 51 31.5	+3.5
KIV			ePP	pP	12 51 58.2	+4.7
KIV			eS	S	12 55 24.0	-4.8
KIV			pmax	pmax		
KIV	Kislovodsk	23.05 296	P	P	12 51 30.4	+2.4
KIV			IAMB	IAMB	12 51 59.1	
SAIH	SAIHA	23.44 123	eP	P	12 51 34.3	+2.5
SHAO	Shalim	23.91 221	iP	P	12 51 37.3	+1.4
KOPT	Kop Dagi	24.58 286	P	P	12 51 43.1	+0.9
MARD	Mardin	24.67 280	P	P	12 51 43.1	+0.2
WHFO	Wadi Hawf	25.00 224	P	P	12 51 45.6	-0.2
RBK	Rabatuk	25.09 283	P	P	12 51 47.1	+0.4
SOC	Sochi	25.16 295	eP	P	12 51 46.3	-0.7
SOC			e	e	12 52 32.0	
SOC			eS	S	12 56 03.3	+1.0
VRH	Novokhoporsky	25.47 313	eP	P	12 51 49.8	0.0
VRH			ePP	pP	12 52 16.2	-2.3
VRH			pmax	pmax		
LZH	Lanzhou	25.62 83	iP	P	12 51 53.5	+2.0
LZH			pP	pP	12 52 20.8	+0.3
LZH			sP	sP	12 52 37.0	+0.9
LZH			PP	Pn	12 52 39.6	+3.6
LZH			pmax	pmax		
LZH			pmax	pmax		
KIRV	Kirov	25.85 333	P	P	12 51 53.9	+0.8
ZAK	Zakamensk	25.96 50	eP	P	12 51 56.0	+1.6
ZAK			pmax	pmax		
RAYN	Ar Rayn	26.44 246	P	P	12 51 58.7	-0.2
RAYN			pmax	pmax		
RAYN	Ar Rayn	26.44 246	P	P	12 51 58.7	-0.2
RAYN	Talya	26.61 47	eP	P	12 51 58.7	-1.4
RAYN			pmax	pmax		
VORD	Divnogorie	26.83 311	eP	P	12 52 02.1	+0.1
VORD			ePP	pP	12 52 32.7	+1.8
VORD			pmax	pmax		
ANN	Anapa	26.88 297	eP	P	12 51 59.6	-2.9
ANN			ePP	pP	12 52 29.4	-1.9
ANN			e	e	12 52 50.6	
ANN			eS	S	12 56 25.6	-3.8
ANN			pmax	pmax		
VSR	Storozhevoye	26.99 312	eP	P	12 52 03.6	+0.2
VSR			ePP	pP	12 52 34.3	+2.0
VSR			pmax	pmax		
CD2	Chengdu	27.09 94	P	P	12 52 06.8	+2.2
CD2			pmax	pmax		
SOMM	Songino Array	27.33 56	P	P	12 52 08.6	+1.9
SOMM			pmax	pmax		
LPSR	Galich ya Gora	27.79 314	eP	P	12 52 09.1	+0.4
LPSR			pmax	pmax		
ULN	Ulanbaatar	27.77 56	iP	P	12 52 12.2	+1.5
ULN			pmax	pmax		
ULN	Ulanbaatar	27.77 56	P	P	12 52 11.2	+0.6
KMI	Kunming	28.93 106	iP	P	12 52 25.3	+4.0
KMI			pmax	pmax		
OBN	Obninsk	29.80 318	P	P	12 52 29.4	+1.0
OBN			ePP	pP	12 52 29.2	+0.9
OBN			eS	S	12 53 28.6	
OBN			e	e	12 57 15.3	+0.2
OBN			pmax	pmax		
OBN	Obninsk	29.80 318	P	P	12 52 29.6	+1.2
OBN			eS	S	12 52 29.4	+0.1
BR131	Keskin Array S	29.86 287	P	P	12 52 29.4	+0.1

BR131	comp=Z,7.0nm,0.6s		pmax	pmax		
BR131	Keskin Array S	29.86 287	P	P	12 52 29.4	+0.1
BRTR	Keskin Array B	29.86 287	P	P	12 52 30.4	+1.1
BRTR	comp=Z,4.1nm,0.6s,baz=107,slow=7.4,SNR=16		PcP	PcP	12 55 28.8	-0.4
MMAI	Mount Erentz	29.99 273	P	P	12 52 31.7	+1.4
MMAI	comp=Z,1.4nm,0.8s,baz=136,slow=4.3,SNR=3.7		PcP	PcP	12 52 31.7	+1.4
MMAI	comp=Z,1.7nm,0.5s,baz=64,slow=10,SNR=2.2		PcP	PcP	12 55 31.2	+1.7
CM33	Chiang Mai Arr	30.00 120	P	P	12 52 39.0	+8.5
CHTO	Chiang Mai	30.00 120	P	P	12 52 32.0	+1.5
CHTO			pmax	pmax		
CHTO	Chiang Mai	30.00 120	P	P	12 52 32.0	+1.5
CM32	Chiang Mai Arr	30.05 121	P	P	12 52 43.0	+1.2
XAN	Xi'an	30.16 85	P	P	12 52 33.4	+1.5
XAN			pmax	pmax		
XAN	Xi'an	30.16 85	P	P	12 52 32.5	+0.6
XAN			pmax	pmax		
XAN	Xi'an	30.16 85	P	P	12 52 32.5	+0.6
XAN			IAMB	IAMB	12 52 34.0	
CM15	Chiang Mai Arr	30.24 121	P	P	12 52 38.0	+5.4
CM15	comp=Z,3.3nm,0.6s,baz=72,slow=5.7,SNR=6.3		P	P	12 52 38.0	+5.4
CM13	Chiang Mai Arr	30.25 121	P	P	12 52 37.3	+4.6
CM13	comp=Z,6.2nm,0.9s		P	P	12 52 38.6	+6.0
CM31	Chiang Mai Arr	30.25 121	P	P	12 52 35.0	+2.4
CMAR	Chiang Mai Arr	30.25 121	P	P	12 52 33.5	+0.9
CMAR	comp=Z,3.1nm,0.8s,baz=309,slow=9.3,SNR=16		P	P	12 52 37.1	+4.3
CM02	Chiang Mai Arr	30.26 121	P	P	12 52 34.1	+4.3
PAYA	Payao	30.29 118	P	P	12 52 54.0	+2.1
CM01	Chiang Mai Arr	30.28 121	P	P	12 52 37.0	+4.0
CM01	comp=Z,7.7nm,comp=Z,7.1nm,0.8s		P	P	12 52 37.0	+4.0
CM05	Chiang Mai Arr	30.29 121	P	P	12 52 37.0	+4.0
CM05	comp=Z,5.1nm,0.9s		P	P	12 52 39.0	+6.0
CM09	Chiang Mai Arr	30.29 121	P	P	12 52 36.0	+2.8
CM09	comp=Z,8.8nm,comp=Z,7.9nm,0.8s		P	P	12 52 36.0	+2.8
CM36	Chiang Mai Arr	30.31 121	P	P	12 52 37.5	+4.3
CM04	Chiang Mai Arr	30.31 121	P	P	12 52 37.5	+4.3
HHC	Hu-ho-hao-te	30.85 71	eP	P	12 52 41.0	+3.1
HHC			pmax	pmax		
HHC	comp=Z,10.0nm,0.9s		pmax	pmax		
HHC	comp=Z,210nm,5.7s		pmax	pmax		
KLMR	Klimovskoe	31.15 330	eP	P	12 52 39.2	-0.9
KLMR			ePP	pP	12 53 08.5	-0.6
KLMR			pmax	pmax		
KLMR	comp=Z,3.3nm,1.6s		P	P	12 52 39.2	-0.9
KLMR			AMP	AMP	12 52 50.8	
KLMR	comp=Z,3.3nm,1.6s		eP	P	12 53 08.6	-0.6
KLMR			eS	S	12 53 25.9	+1.3
KLMR			pP	pP	12 52 43.9	+1.8
KLMR			pP	pP	12 53 09.9	-1.7
KLMR			pmax	pmax		
KLMR	Guiyang	31.31 100	iP	P	12 53 09.9	-1.7
KLMR			pP	pP	12 53 09.9	-1.7
KLMR			pmax	pmax		
SUKH	Sukhothai	31.39 121	P	P	12 52 46.1	+3.4
SUKH	comp=Z,17nm,0.8s		P	P	12 52 48.4	+1.3
ENH	Enshi	31.89 91	P	P	12 52 49.7	
ENH			IAMB	IAMB	12 52 49.7	
UTHA	Uthaitani	32.63 124	P	P	12 52 55.8	+2.2
UTHA	comp=Z,2.29nm,comp=Z,3.0nm,0.8s		P	P	12 52 55.8	+2.2
AKASG	Malin Array Be	33.00 308	P	P	12 52 56.8	+0.3
AKASG	comp=Z,1.2nm,0.5s,baz=81,slow=7.4,SNR=15		P	P	12 52 56.8	+0.3
AKASG	comp=Z,5.4nm,0.7s,baz=81,slow=7.4,SNR=15		pP	pP	12 53 26.2	+0.6
AKASG	comp=Z,3.0nm,0.7s,baz=73,slow=2.9,SNR=2.7		PcP	PcP	12 55 35.8	-1.3
AKBB	Malin Array Si	33.00 308	P	P	12 52 56.7	+0.2
AKBB			pmax	pmax		
AKBB	comp=Z,1.4nm,0.7s		P	P	12 52 56.6	+0.2
AKBB			IAMB	IAMB	12 53 01.9	
AKBB	Malin Array Si	33.00 308	P	P	12 52 56.6	+0.2
AKBB			IAMB	IAMB	12 53 01.9	
NRIK	Noril'sk	33.24 10	P	P	12 52 59.5	+1.3
NRIK	comp=Z,35nm,1.0s,baz=199,slow=5.8,SNR=35		P	P	12 52 59.0	+0.7
NRIK	Noril'sk	33.24 10	P	P	12 52 59.0	+0.7
NRIK	TPGR	33.29 297	iP	P	12 53 00.3	+1.2
SORM	Soroca	33.35 303	iP	P	12 53 00.2	+0.7
SORM			pP	pP	12 53 00.2	+0.7
SORM			P	P	12 53 00.2	+0.7
NONG	Nongkai	33.45 116	P	P	12 53 00.8	+7.2
CFR	Caraliui	33.48 298	iP	P	12 53 01.8	+1.2
CFR	Caraliui	33.48 298	iP	P	12 53 01.8	+1.2
TMCR	Tamitsa	33.64 334	eP	P	12 53 00.8	-1.0
TMCR			pmax	pmax		
MAINT	Manisa	33.96 286	P	P	12 53 05.8	+0.6
CHAI	Chaiyaphum	34.10 121	P	P	12 53 10.0	+3.6
CHAI	comp=Z,12nm,0.8s		P	P	12 53 09.6	+0.8
MNK	Minsk	34.44 314	iP	P	12 53 09.6	+0.8
MNK						

3d 12h

YAK	comp=E,3.0m,1.0s		pmax	pmax	
YAK	comp=N,3.0m,0.9s				
YAKUTSK	42.93 36 P			12 54 19.4 -0.1	
YSI	Gunungsitoli 42.93 140 P			12 54 21.9 +1.6	
YSI	Gunungsitoli 42.94 140 P			12 54 22.5 +2.3	
GERES	comp=N,153nm,0.7s				
GERES	GERESS Array B 43.05 305 P			12 54 21.6 +0.8	
GERES	comp=N,1.8nm,0.7s,baz=81,slow=7.6,SNR=14				
GERES	comp=N,1.1nm,0.8s,baz=80,slow=8.9,SNR=2.7			12 54 52.1 +0.9	
GERES	comp=N,1.5nm,0.6s,baz=114,slow=3.3,SNR=6.0			12 56 08.9 +0.4	
KHC	Kasperske Hory 43.09 305 P			12 54 21.6 +0.5	
KHC	Kasperske Hory 43.09 305 P			12 54 21.8 +0.7	
KHC	ex x			12 56 19.1	
KHC	Kasperske Hory 43.09 305 P			12 54 21.5 +0.5	
CLL	Collim 43.24 308 P			12 54 22.9 +0.7	
CLL	comp=Z,13nm,0.8s				
CLL	Collim 43.24 308 P			12 54 53.0 +0.5	
CLL	comp=Z,13nm,0.8s			12 54 22.0 -0.2	
CLL	Collim 43.24 308 P			12 54 22.0 -0.2	
CLL	comp=Z,13nm,0.8s			12 54 23.9	
MYKA	Terra Mystica 43.40 302 P			12 54 24.7 +1.1	
FAUS	Fauskongsli 43.43 332 P			12 54 24.2 +0.7	
MOR8	Moi Lana 43.48 330 P			12 54 24.0 +0.1	
KBA	Koelnbreinsper 43.53 302 P			12 54 24.7 -0.1	
ROBS	Robbie 43.55 301 P			12 54 25.5 +0.7	
STEI	Steigen 43.59 333 P			12 54 25.1 +0.4	
SSLB	Suanglung 43.92 93 P			12 54 29.0 +1.0	
NC405	NORSAR Array S 43.94 323 P			12 54 28.1 +0.4	
NC405	comp=Z,26nm,0.8s			12 54 29.5	
KSR5	Korea Array 43.98 72 P			12 54 29.1 +0.9	
NC602	NORSAR Array S 43.99 322 P			12 54 28.4 +0.3	
KONS	Konsvik 44.07 330 P			12 54 29.4 +0.9	
NC303	NORSAR Array S 44.11 323 P			12 54 28.5 -0.5	
KLR	Kul'dur 44.13 55 P			12 54 30.7 +1.3	
INTR	Introdacqua 44.14 295 P			12 54 29.4 -0.3	
INTR	comp=Z,14nm,0.9s			12 54 31.1	
ABTA	Abfaltersbach 44.15 302 P			12 54 29.8 +0.2	
ABTA	comp=Z,11nm,1.5s			12 56 10.5 -1.7	
NB2	NORSAR Subarra 44.17 323 P			12 54 29.6 0.0	
NB2	comp=Z,7.7nm,0.6s,baz=92,slow=7.9				
NB2	NORSAR Subarra 44.17 323 P			12 54 29.6 0.0	
NOA	NORSAR Array B 44.17 323 P			12 54 29.5 0.0	
NOA	comp=Z,15nm,0.7s,baz=94,slow=7.7,SNR=52			12 55 01.2 +1.1	
NOA	comp=Z,5.5nm,0.9s,baz=94,slow=8.0,SNR=2.7			12 56 13.7 -1.1	
NOA	comp=Z,2.5nm,0.8s,baz=93,slow=9.9,SNR=3.4			12 54 30.0 +0.3	
NSS	Namsos 44.20 328 P			12 54 29.7 -0.3	
LOF	Lofoten 44.26 333 P			12 54 31.3 +0.4	
OSL	Oslo 44.36 321 P			12 54 31.4 +0.1	
NB000	NORSAR Array S 44.39 322 P			12 54 31.9 +0.5	
NC204	NORSAR Array S 44.41 323 P			12 54 32.2 +0.3	
MNSI	Mandalling Nat 44.41 138 P			12 54 32.2 +0.3	
TWG	Pinlang 44.49 95 P			12 54 35.4 +2.8	
NRCA	Norcia 44.52 296 P			12 54 33.1 +0.5	
GRF	Grabenberg Arr 44.55 306 P			12 54 34.5 +1.8	
GRF	comp=Z,25nm,1.1s,baz=90,slow=7.0			12 55 05.1 +1.9	
GRF	esP sP			12 55 21.8 +3.5	
WTTA	Wattenberg 44.65 303 P			12 54 34.0 +0.3	
WTTA	comp=Z,18nm,1.2s,SNR=5.5			12 56 14.1 0.0	
WATA	Walderalm 44.67 303 P			12 54 33.9 0.0	
WATA	comp=Z,12nm,1.1s			12 56 13.8 -0.4	
TIXI	Tiksi 44.79 22d P			12 54 34.7 +0.5	
TIXI	comp=Z,118nm,1.0s				
MURB	Monte Urino 44.84 297 P			12 54 34.8 -0.3	
CTI	Castel Tesino 44.86 301 P			12 54 35.1 -0.2	
CTI	comp=Z,13nm,0.9s			12 54 35.1 -0.2	
CTI	Castel Tesino 44.86 301 P			12 54 35.1 -0.2	
KONO	Kongsberg 44.94 303 P			12 54 35.9 -0.1	
SQTA	Sankt Quentin 44.94 303 P			12 54 35.9 -0.1	
SQTA	comp=Z,5.4nm,0.7s			12 56 15.1 0.0	
TEOL	Teolo 44.98 300 P			12 54 35.8 -0.3	
TEOL	comp=Z,23nm,0.9s			12 54 37.8	
MOTA	Moosalm 44.99 303 P			12 54 36.5 +0.1	
MOTA	comp=Z,10nm,1.0s			12 56 15.4 +0.1	
USRK	Ussuriysk Ar. 45.19 62 P			12 54 38.5 +0.7	
RETA	Reutte 45.19 303 P			12 54 38.0 +0.1	
RETA	comp=Z,5.4nm,0.9s			12 56 15.9 +0.1	
RETA	comp=Z,5.5nm,0.9s			12 54 38.2 +0.1	
FOMA	Dombras 45.26 324 P			12 54 38.5 +0.1	
FETA	Feichten 45.30 303 P			12 54 35.9 -2.9	
FETA	comp=Z,5.7nm,0.7s			12 56 16.5 +0.2	
HOMB	Homborsund 45.48 319 P			12 54 40.5 +0.7	
SKAR	Skarslia 45.58 322 P			12 54 40.6 -0.1	
BKNI	Bangkinang 45.59 137 P			12 54 41.2 -0.1	
BKNI	Bangkinang 45.59 137 P			12 54 42.0 +0.8	
OSSC	Osservatorio P 45.68 298 P			12 54 42.8 +1.0	
OSSC	Iamb Iamb			12 54 43.5	
FUORN	Ofenpass-Fuorn 45.69 302 P			12 54 42.1 +0.1	
SALO	Salr 45.72 301 P			12 54 42.8 +0.8	
DAVA	Damuels 45.82 303 P			12 54 43.4 +0.5	
DAVA	comp=Z,23nm,0.6s,SNR=6.8			12 56 17.0 -1.1	
DAVOX	Davos/Dischmat 45.92 302 P			12 54 44.2 +0.4	
DAVOX	comp=Z,13nm,0.6s,baz=97,slow=7.1,SNR=37			12 56 18.9 +0.4	
MOL	Molde 46.00 325 P			12 54 43.8 -0.1	
VLC	Villacollemand 46.14 299 P			12 54 44.9 -0.5	
VLC	comp=Z,22nm,0.8s			12 54 48.1	
AKN	Aaknes 46.24 324 P			12 54 44.6 -1.2	
PDSI	Padang 46.24 139 P			12 54 47.3 +0.3	
TUE	Stuetta 46.34 302 P			12 54 47.2 +0.2	
BL5S	Blasjo 46.52 320 P			12 54 48.3 +0.3	
GRNR	Gornyy 46.88 52 P			12 54 52.4 +1.4	
GRNR	comp=Z,10.0nm,0.8s				
GRNR	comp=E,70nm,18.0s				
GRNR	comp=N,90nm,13.0s				
GRNR	MLR MLR				
SPITS	Spitsbergen Ar 46.89 347 P			12 54 52.2 +1.6	
BTNL	comp=Z,108nm,0.7s,baz=108,slow=12,SNR=9.1				
BTNL	Ternell 47.64 308 P			12 54 58.0 +1.1	
BTNL	comp=Z,16nm,0.0s			12 55 28.8 +0.9	
BTNL	dpP pP			12 55 43.8 +0.8	
BTNL	dpP pP			12 54 58.1 +0.7	
JNU	Nakatsue 47.74 76 P			12 54 59.5 +1.6	
SENI	Lac Senin/Sane 47.75 302 P			12 54 57.4 -0.6	
SENI	comp=Z,17nm,0.9s			12 54 59.2	
WLF	Walferdange 47.80 307 P			12 54 59.6 +1.5	
WLF	comp=Z,2.2nm,0.8s			12 54 43.5	
WLF	Walferdange 47.80 307 P			12 55 29.9 +0.8	
WLF	dpP pP			12 55 51.4 +0.9	
WLF	Walferdange 47.80 307 P			12 54 57.4 -0.7	

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WLF	comp=Z,2.26nm,0.9s		pmax	pmax	
WLF	Walferdange 47.80 307 P			12 54 57.4 -0.7	
WLF	comp=Z,2.26nm,0.9s			12 55 00.5	
BGES	Gesves 48.34 308 P			12 55 03.3 +1.2	
DOU	Dourbes 48.70 308 P			12 55 05.8 +0.8	
DOU	dpCp P			12 55 28.3 +0.1	
SNF	Senefte 48.81 308 P			12 55 06.8 +1.0	
KEST	Kesra 49.44 288 P			12 55 12.2 +1.2	
KEST	comp=Z,14nm,0.8s,baz=340,slow=1.3,SNR=14				
KEST	comp=Z,2.3nm,0.5s,baz=120,slow=5.9,SNR=3.6			12 56 31.8 +0.6	
KEST	Kesra 49.44 288 P			12 55 12.0 +1.1	
KEST	Iamb Iamb			12 55 13.1	
KMBO	Kilima Mbogo 49.86 228 P			12 55 15.3 +0.9	
SSB	Saint Sauveur 49.88 302 P			12 55 14.5 +0.4	
SSB	comp=Z,13nm,0.8s				
SSB	Saint Sauveur 49.88 302 P			12 55 14.5 +0.4	
SSB	Iamb Iamb			12 55 15.8	
YSS	Yuzh-Sakhalins 51.81 55 P			12 55 28.5 +0.1	
YSS	comp=Z,83nm,2.4s			12 55 30.6 +0.4	
MAJO	Matsushiro 52.03 69 P			12 55 30.3 +0.1	
MAJO	comp=Z,14nm,0.8s			12 55 31.1 +0.8	
MJAR	Matsushiro Arr 52.03 69 P			12 55 34.1 +0.1	
ASAJ	comp=Z,9.9nm,0.9s,baz=290,slow=9.4,SNR=20				
SEY	Seychman 53.39 34 P			12 55 47.1 +1.0	
SEY	comp=Z,6.3nm,0.9s,baz=273,slow=7.8,SNR=9.7				
JMM	Jimm 53.39 34 P			12 55 41.1 +1.3	
MBAR	Mbarara 53.45 67 P			12 55 40.9 0.7	
MBAR	Mbarara 53.52 235 P			12 55 40.6 -1.0	
MBAR	comp=Z,17nm,0.8s			12 55 40.6 -1.0	
MBAR	Mbarara 53.52 235 P			12 55 42.3	
DAG	Danmarks Havn 54.18 344 P			12 55 46.1 +0.8	
DAG	comp=Z,17nm,0.8s			12 55 46.1 +0.8	
DAG	Danmarks Havn 54.18 344 P			12 55 46.1 +0.8	
DAG	comp=Z,22nm,0.8s			12 55 46.8	
DBG	Daneborg 55.07 341 P			12 55 52.8 +1.0	
DBG	comp=Z,5.1nm,0.8s			12 55 53.8	
ESBB	Sonsecia Array 57.70 298 P			12 56 11.3 +0.2	
ESBB	comp=Z,16nm,0.8s			12 56 12.5	
ESDC	Sonsecia Array 57.70 298 P			12 56 11.5 +0.4	
ESDC	comp=Z,17nm,0.8s,baz=59,slow=7.2,SNR=110			12 56 43.1 0.0	
PAB	San Pablo 58.02 298 P			12 56 13.9 +0.5	
PAB	comp=Z,3.9nm,0.7s,baz=58,slow=7.4,SNR=4.7				
PAB	San Pablo 58.02 298 P			12 56 13.9 +0.5	
PAB	comp=Z,17nm,1.4s			12 56 14.9	
PETK	Petrovavlovsk 58.93 45 P			12 56 19.0 -0.3	
PETK	comp=Z,2.2nm,1.0s,baz=84,slow=6.1,SNR=5.3				
PETK	Petrovavlovsk 58.93 45 P			12 56 19.0 -0.3	
MVO	Moncorvo 59.23 300 P			12 56 22.5 +0.9	
MVO	comp=Z,4.9nm,2.0s			13 13 41.7	
MVO	Moncorvo 59.23 300 P			12 56 25.5 +1.0	
POLO	Lamas de Olo 59.67 301 P			12 56 25.5 +0.8	
PGAV	Gavieira, Arco 59.75 302 P			12 56 26.4 +1.2	
MTE	Mantigas 59.91 300 P			12 56 27.6 +1.3	
MTE	comp=Z,35nm,2.1s			13 13 21.7	
MTE	Mantigas 59.91 300 P			13 13 21.7	
PMRV	Marv??o 60.21 299 P			12 56 28.1 +1.1	
PMRV	comp=Z,22nm,1.1s			12 56 29.9 +1.6	
PMRV	Marv??o 60.21 299 P			13 14 14.0	
SUMG	Summit 60.55 341 P			12 56 31.9 +1.4	
SUMG	comp=Z,66nm,0.8s			12 56 30.9 +0.4	
SUMG	Summit 60.55 34				

SVKR Severomuyusk	0.15 275	ePg	Pg	12 53 14.5	-1.8
SVKR		Pmax		12 53 14.8	
SVKR	22um,0.3s	eSg	Sg	12 53 17.1	-1.6
SVKR		Smax		12 53 21.9	
SVKR Severomuyusk	0.15 275	l jPG	Pg	12 53 14.5	-1.8
SVKR		e	Pg	12 53 16.8	-1.9
UKT Uakit	0.63 190	l jPG	Pg	12 53 23.2	-1.9
UKT		Pmax		12 53 27.6	
UKT	560nm,0.5s	eSg	Sg	12 53 31.2	-2.1
UKT		Smax		12 53 42.5	
UKT	3um,0.5s	ePG	Pg	12 53 23.1	-2.0
UKT		e		12 53 32.1	
UKT	comp=Z,407nm,0.3s	e	Pmax		
UKT			Smax		
NLYR Nelyaty	1.12 69	ePg	Pb	12 53 34.0	-0.4
NLYR		ePb	Pb	12 53 36.1	+1.4
NLYR		max		12 53 36.3	
NLYR	comp=N,3um,0.3s	eSg	Sb	12 53 49.4	+0.4
NLYR		eSb	Sb	12 53 54.4	+4.2
NLYR		e	max	12 53 55.0	
NLYR	comp=N,4um,0.8s	ePG	Pb	12 53 34.0	-0.4
NLYR		e	Pmax	12 53 49.3	
NLYR	comp=Z,50um,0.3s	e	Pmax		
NLYR			Smax		
YOA Uoyan	1.18 272	ePg	Pb	12 53 33.1	-2.3
YOA		ePb	Pg	12 53 35.5	0.0
YOA		e	max	12 53 36.6	
YOA	comp=N,1um,0.5s	eSg	Sb	12 53 48.7	-1.9
YOA		e	max	12 53 55.0	
YOA		e	max	12 53 57.8	
YOA Uoyan	1.18 272	l jPG	Pb	12 53 33.2	-2.2
YOA		e	Pmax	12 53 48.8	
YOA	comp=Z,591nm,0.3s	e	Pmax		
YOA			Smax		
KMO Kumora	1.49 263	ePg	Pn	12 53 38.8	-1.0
KMO		e	max	12 53 41.7	
KMO	comp=N,218nm,1.3s	eSg	Sb	12 53 57.9	-1.4
KMO		e	max	12 54 01.1	
KMO		e	max	12 54 02.1	
KMO Kumora	1.49 263	ePG	Pn	12 53 38.8	-1.0
KMO		e	Pmax	12 53 57.8	
KMO	comp=Z,334nm,0.2s	e	Smax		
BOD Bodaibo	1.72 3	ePg	Pn	12 53 44.2	+1.2
BOD		Pmax		12 53 45.3	
BOD	comp=N,551nm,0.8s	e	Sb	12 53 45.5	
BOD		eSg	Sb	12 54 06.8	+1.8
BOD		Smax		12 54 09.4	
BOD Bodaibo	1.72 3	ePN	Pn	12 53 43.6	+0.6
BOD		e	Pmax	12 54 06.9	
BOD	comp=Z,525nm,0.7s	e	Smax		
YLVR Ulyunkhan	1.95 232	ePg	Pn	12 53 46.8	+0.6
YLVR		Pmax		12 53 48.4	
YLVR	comp=E,492nm,0.5s	eSg	Sb	12 54 11.8	+1.1
YLVR		Smax		12 54 15.7	
YLVR Ulyunkhan	1.95 232	l jPN	Pn	12 53 46.7	+0.6
YLVR		eS	Sb	12 53 47.8	
YLVR		eS	Sb	12 54 10.8	+0.1
YLVR		e	Pmax	12 54 12.0	
YLVR	comp=Z,502nm,0.5s	e	Smax		
NIZ Nizh Angarsk	2.43 264	ePN	Pb	12 53 53.5	+0.8
NIZ		ePg	Pb	12 53 55.7	-1.1
NIZ		e	max	12 53 57.4	
NIZ	comp=N,183nm,0.6s	eSg	Sb	12 54 22.4	-0.1
NIZ		eSg	Sb	12 54 27.3	+0.6
NIZ		Smax		12 54 30.6	
NIZ Nizh Angarsk	2.43 264	ePN	Pn	12 53 53.3	+0.6
NIZ		e	Pb	12 53 56.6	
CRS Chara	2.59 70	l jPn	Pn	12 53 56.8	+1.8
CRS		Pmax		12 54 00.9	
CRS	comp=N,2um,0.7s	l jPg	Pb	12 54 01.0	+1.4
CRS		eSb	Sb	12 54 29.2	+2.7
CRS		eSg	Sb	12 54 34.8	+3.4
CRS		Smax		12 54 36.7	
CRS Chara	2.59 70	l jPN	Pb	12 54 00.9	+1.4
CRS		e	Pmax	12 54 35.0	
CRS	comp=Z,908nm,0.6s	e	Smax		
SVYR Suvo	3.30 224	ePN	Pb	12 54 05.4	+0.7
SVYR		ePg	Pb	12 54 11.9	+0.3
SVYR		Pmax		12 54 15.5	
SVYR	comp=E,163nm,0.6s	eSb	Sb	12 54 43.5	-0.4
SVYR		eSg	Sb	12 54 53.8	+2.1
SVYR		e	max	12 55 01.5	
SVYR		e	max	12 55 05.8	
SVYR Suvo	3.30 224	ePN	Pn	12 54 05.0	+0.3
SVYR		e	Pb	12 54 09.6	
SVYR		e	Pmax	12 54 53.6	
SVYR	comp=Z,167nm,0.7s	e	Smax		
VTMR Vitim	3.41 349	ePn	Pb	12 54 06.9	+0.7
VTMR		ePg	Pb	12 54 14.4	+0.9
VTMR		eSb	Sb	12 54 47.8	+1.1
VTMR		eSg	Sb	12 54 57.4	+2.4
TUP Tupik	3.89 113	ePn	Pb	12 54 13.9	+1.1
TUP		ePg	Pb	12 54 22.9	+1.2
TUP		Pmax		12 54 30.4	
TUP	comp=E,120nm,0.8s	eSb	Sb	12 54 59.2	+0.7
TUP		eSg	Sb	12 55 14.2	+5.4
TUP		e	max	12 55 29.5	
TUP		e	max	12 55 32.0	
TUP Tupik	3.89 113	l jPN	Pn	12 54 13.9	+1.1
TUP		eS	Sb	12 54 23.4	
TUP		eS	Sb	12 54 59.3	+0.7
TUP		e	Pmax	12 55 13.8	
TUP	comp=Z,109nm,0.7s	e	Smax		
CIT Chita	4.09 182	ePg	Pb	12 54 25.9	+0.8
CIT		Pmax		12 54 27.1	
CIT	comp=E,124nm,0.4s	eSb	Sb	12 55 02.8	-0.8
CIT		eSg	Sb	12 55 18.1	+3.5
CIT		Smax		12 55 26.1	
CIT Chita	4.09 182	ePN	Pn	12 54 14.8	-0.8
CIT		eS	Sb	12 54 25.6	
CIT		eS	Sb	12 54 59.7	-3.9
CIT		e	Pmax	12 55 19.4	

CIT	comp=Z,113nm,0.9s	smax	smax		
MXMB Maximikha	4.10 228	ePn	Pn	12 54 16.4	+0.8
MXMB		ePg	Pb	12 54 25.9	+0.8
MXMB		eSb	Sb	12 55 02.0	-1.6
MXMB		eSg	Sb	12 55 18.1	+3.4
MXMB		e	max	12 55 25.5	
OGRR Ongureny	4.36 238	ePn	Pb	12 54 20.9	+1.7
OGRR		ePg	Pb	12 54 30.2	+0.6
OGRR		Pmax		12 54 34.6	
OGRR	comp=E,77nm,1.0s	eSb	Sb	12 55 08.1	-2.0
OGRR		eSg	Sb	12 55 25.6	+3.4
OGRR		Smax		12 55 35.0	
OGRR Ongureny	4.36 238	ePN	Pn	12 54 19.2	0.0
OGRR		e	Pb	12 54 30.4	
OGRR		e	Pb	12 55 25.6	
OGRR	comp=Z,91nm,1.6s	e	Pmax		
OGRR			Smax		
OGRR	comp=N,325nm,1.9s	e	Smax		
YKLR Yuktali	4.39 80	ePn	Pn	12 54 21.4	+1.8
YKLR		ePg	Pb	12 54 31.8	+1.7
YKLR		eSb	Sb	12 55 10.9	+0.2
YKLR		eSg	Sb	12 55 29.9	-3.8
YKLR		e	max	12 54 32.5	+0.6
ZRHb Zarechye	5.28 230	ePn	Pb	12 54 46.7	+1.4
ZRHb		ePg	Pb	12 54 51.9	
ZRHb	comp=N,148nm,0.8s	eSb	Sb	12 55 30.6	-2.1
ZRHb		eSg	Sb	12 55 54.5	+5.8
ZRHb		Smax		12 56 17.8	
TRG Tyrgan	5.50 236	ePn	Pn	12 54 35.0	+0.1
TRG		ePg	Pb	12 54 50.1	+1.1
TRG		e	max	12 54 55.4	
TRG	comp=N,44nm,1.1s	eSb	Sb	12 55 36.8	-1.4
TRG		eSg	Sb	12 56 01.2	+6.2
TRG		Smax		12 56 16.7	
FFNB Fofonovo	5.81 229	ePn	Pn	12 54 39.3	+0.1
FFNB		ePg	Pb	12 54 57.0	+2.7
FFNB		eSb	Sb	12 56 13.9	+7.0
FFNB		eSg	Sb	12 56 18.4	
KAB Kabansk	5.85 229	ePg	Pb	12 54 57.4	+2.3
KAB		Pmax		12 55 12.8	
KAB	comp=N,218nm,1.3s	eSg	Sb	12 56 12.3	+7.1
KAB		Smax		12 56 44.9	
STDB Stepnoy Dvoret	5.89 231	ePn	Pb	12 54 41.2	+0.9
STDB		ePg	Pb	12 54 58.1	+2.4
STDB		eSg	Sb	12 56 13.9	+7.0
STDB		e	max	12 56 18.4	
HRMR Khuramsha	6.05 225	ePn	Pb	12 54 42.9	+0.5
HRMR		ePg	Pb	12 55 01.2	+2.8
HRMR		Pmax		12 55 09.7	
HRMR	comp=N,100nm,0.7s	eSb	Sb	12 55 50.2	-1.5
HRMR		eSg	Sb	12 56 19.0	-8.0
HRMR		Smax		12 56 33.9	
IENR Iengra	6.17 84	ePn	Pn	12 54 45.5	+1.4
IENR		ePg	Pb	12 55 04.2	+3.8
IENR		eSb	Sb	12 55 55.1	+0.4
IENR		eSg	Sb	12 56 25.0	-5.8
IENR		e	max	12 54 48.2	+0.9
Bolshoye Golou	6.41 234	ePn	Pb	12 54 58.8	
BGT		ePg	Pb	12 54 58.8	
BGT		e	Pmax	12 55 06.7	
BGT	comp=N,24nm,0.9s	eSg	Sb	12 56 28.9	+7.9
BGT		Smax		12 56 38.7	
BGT	comp=N,112nm,1.1s	e	Pb	12 56 49.4	
KPC Khapcheranga	6.47 188	ePn	Pn	12 54 49.2	+0.9
KPC		ePg	Pb	12 55 01.6	
KPC		ePg	Pb	12 55 08.7	+3.1
KPC		eS	Sb	12 55 14.0	
KPC		e	max	12 55 18.0	
KPC	comp=N,62nm,1.8s	eSb	Sb	12 55 59.8	-2.3
KPC		eSg	Sb	12 56 32.1	-8.4
KPC		e	max	12 56 43.4	
KPC		e	max	12 56 49.3	
IRK Irkutsk	6.81 239	ePg	Pb	12 55 14.1	+2.8
IRK		Pmax		12 56 41.7	
IRK	comp=Z,56nm,0.2s	e	Smax		
IRK	comp=N,324nm,1.3s	e	Smax		
TLY Talaya	7.47 238	ePg	Pb	12 55 25.7	+3.2
TLY		e	Sb	12 55 28.3	
TLY		e	max	12 56 01.8	
TLY	comp=N,27nm,1.8s	eSb	Sb	12 56 23.8	-2.8
TLY		eSg	Sb	12 57 02.0	+1.0
TLY		Smax		12 57 08.6	
TLY Talaya	7.47 238	ePg	Pb	12 55 26.6	+4.1
TLY		e	Pmax	12 56 59.9	
TLY	comp=Z,25nm,0.4s	e	Smax		
HIA Hailar	7.73 150	ePN	Pn	12 55 03.4	-2.2
ARS Arshan	7.91 243	ePg	Pb	12 55 35.2	+5.1
ARS		Pmax		12 56 35.9	
ARS	comp=E,84nm,1.3s	eSg	Sg	12 57 13.9	
ARS		e	max	12 57 15	

Table with columns for station name, code, time, and position. Includes stations like YLYR, NIZ, CRSS, SVYR, TUP, MXMB, OGRR, YKLR, ZRHB, TRG, FFNB, HRMR, IENR, BGT, KPC, LSTR, TLY, ARS, ZEA, MOY.

Table with columns for MOY, Smax, and station details. Includes stations like ORL, KNGR, WEL, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns for KALE, RLS, DRO, KLV, PDD, DLFA, DSF, MAK, THAL, AGG, AXAR, VLS, VSK, FSK. Includes station names and associated data.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like LK2D, LK2E, LK2F, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like PLE, UPM, UPM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like KMO, SVKR, Uakit, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sangihe, Bagumbayan, Mati, Kidapawan, Davao City, etc.

NOU 03 14:55:00, 20°56'S-170°75'E, h0km, MLV4.2, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mare, Loyalty, LIFOU, Pines Island, etc.

IDC 03 14:58:16.2, 50.0, 17°89'S-176°31'W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/26, mbtmp3.7/3, Error ellipse: s-maj=933.3km s-min=169.4km az=80.0, Fiji Islands region

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

MOS 03 15:00:41.5, 1.6, 55°99'N-113°80'E, h10km, mb3.7/1, Error ellipse: s-maj=12.5km s-min=8.2km az=62.0

BYKL 03 15:00:42.1, 0.1, 56°08'N-113°69'E, h6km, 2km IDC 03 15:00:42.6, 1.1, 55°91'N-114°03'E, h0km, mb3.2/6, mb1 3.4/9, mb1mx3.3/38, mbtmp3.4/9, ML3.1/2, Error ellipse: s-maj=28.4km s-min=11.9km az=148.0

ISC 03 15:00:42.3, 0.5, 56°09'N-113°77'E, h0km, n61, c#307/115, mb3.2/5, 6C-6D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Severomuyksk, Uoyan, Nelyaty, Kuro, Bodaibo, Ulyunkhan, etc.

VTMR Vitim

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

MXMB Maximikha

Chita 4.08 182 ePn Pn 15 01 47.6 +0.4

Table with columns: OGRR, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ongureny, Yuktal, Zarechye, Tyrgan, Fofonovo, Kabansk, Stepnoy Dvoret, Khuramsha, lengra, Bolshoye Golou, Khapcheranga, Listiyanka, Irkutsk, Talaya, Arshan, Zeya, Zakamensk, Mondy, Orlik, etc.

ORL Orlik

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

NRK Noril'sk

SEY Seymchan 20.48 55 Pn 15 05 22.8 +0.8

KURK Kurchatov 21.47 270 Pn 15 05 34.9 +4.3

3d 15h

Table with columns: BVAR, Borovoye Array, 25.03 281 P, P, 15 06 10.3 +4.1

Table with columns: ILAR, Eielson Array, 44.82 37 P, P, 15 08 58.2 +2.3

Table with columns: YKA, Yellowknife Ar, 59.90 25 P, P, 15 10 22.0 +2.4

Table with columns: YKA, Yellowknife Ar, 55.90 25 P, P, 15 10 22.0 +2.4

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

2015 JAN

Table with columns: CRS, comp=N,301nm,1.2s, Pmax, Smax

Table with columns: SYVR, Suvo, 3.25 223 ePn, Pn, 15 34 51.0 +0.1

Table with columns: SYVR, Suvo, 3.25 223 ePN, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 50.8 -0.1

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 34 58.6

Table with columns: SYVR, Suvo, 3.25 223 e, Pn, 15 35 39.1

Table with columns: BRVK, comp=Z,20nm,4.9s, pmax, pmax

Table with columns: MJAR, Matsushiro Arr, 25.62 129 LR, LR, 15 50 12.2

Table with columns: JNU, Nakatsue, 25.87 145 LR, LR, 15 50 50.8

Table with columns: AAK, Ala-Archa, 28.44 258 LR, LR, 15 51 42.6

Table with columns: NOA, NORSTAR Array B, 46.36 321 P, P, 15 42 40.9 -0.4

Table with columns: YKA, Yellowknife Ar, 55.91 25 P, P, 15 43 37.0 -0.3

Table with columns: GERES, GERESS Array B, 56.12 308 P, P, 15 43 40.6 +1.3

Table with columns: ESDC, Sonseca Array, 70.99 314 P, P, 15 45 20.1 +2.6

Table with columns: NVAR, Mina Array Bea, 76.01 40 P, P, 15 45 48.6 +1.2

Table with columns: WARA, Warramunga Arr, 77.72 160 P, P, 15 45 56.5 -0.2

Table with columns: ASAR, Alice Springs, 84.25 161 P, P, 15 46 14.9 -1.1

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

EGMT	Eagleton	6.45 39	Pn	Pn	17 45 13.1 -0.7
NLU	North Lily Min	4.77 161	Pn	Pn	17 45 16.9 +1.2
MPU	Maple Canyon	4.83 157	Pn	Pn	17 45 15.5 -0.9
PINE	Pine Mountain	4.96 264	IAML	Pn	17 45 17.4 -0.8
	comp=N,1jm,2.2s				17 46 46.1
PINE			IAML		17 46 59.6
RDMU	Red Mountain	5.15 138	Pn	Pn	17 45 22.4 +1.5
G05D	Wamic, OR	5.18 281	P	Pn	17 45 20.6 -0.5
	baz=85,SNR=36				
I05D	Terrebonne, OR	5.18 271	P	Pn	17 45 20.4 -0.7
	baz=85,SNR=67				
MOD	Modoc Plateau	5.21 242	Pn	Pn	17 45 21.1 -0.5
MOD			IAML		17 46 56.7
	comp=N,1jm,0.9s				17 47 14.1
MOD			IAML		17 47 14.1
K05A	Summer Lake	5.23 253	Pn	Pn	17 45 21.4 -0.5
K05A			IAML		17 47 12.0
	comp=N,1jm,2.6s				17 47 17.5
K05A			IAML		17 47 17.5
	comp=E,903nm,2.4s				
J05D	Fort Rock, OR	5.29 259	P	Pn	17 45 22.1 -0.5
	baz=74,SNR=20				
B08A	Colville Reser	5.29 319	Pn	Pn	17 45 21.3 -1.3
LTY	Liberty	5.35 303	IAML		17 45 22.1 -1.4
	comp=N,1jm,1.1s				17 47 05.4
LTY			IAML		17 47 11.2
	comp=E,2um,0.8s				
F05D	White Salmon	5.38 288	P	Pn	17 45 22.5 -1.3
	baz=102,SNR=21				
P17A	Butcher Ranch,	5.60 152	Pn	Pn	17 45 29.3 +2.3
TMUT	Trail Mountain	5.62 156	Pn	Pn	17 45 29.2 +1.8
H04A	Detroit Lake	5.77 275	Pn	Pn	17 45 27.9 -1.3
RWWY	Rawlins	5.77 117	Pn	Pn	17 45 31.8 +2.3
K22A	Casper	5.81 106	P	Pn	17 45 32.7 +2.9
	baz=292,SNR=90				
K22A	Casper	5.81 106	P	Pn	17 45 32.3 +2.5
C06D	Leavenworth	5.83 309	P	Pn	17 45 29.0 -1.0
	baz=123,SNR=53				
LON	Longmire	5.86 295	P	Pn	17 45 28.9 -1.4
LON	Longmire	5.86 295	P	Pn	17 45 28.9 -1.4
K04D	Chiloquin, OR	5.86 254	P	Pn	17 45 30.2 -0.2
	baz=68,SNR=46				
K04D			Sg	Sg	17 47 12.6 +1.0
	baz=68				
J04D	Umquap Nationa	5.92 261	P	Pn	17 45 31.8 +0.5
	baz=75,SNR=42				
PSUT	Pine Spring	5.95 178	Pn	Pn	17 45 32.1 +0.3
LAO	LASA Array	5.96 66	P	Pn	17 45 31.8 +0.1
	baz=252,SNR=20				
LAO			Sb	Sb	17 47 06.7 +8.0
	baz=252				
LAO	LASA Array	5.96 66	P	Pn	17 45 31.2 -0.5
SRU	San Rafael Swe	6.00 152	P	Pn	17 45 35.1 +2.6
SRU	San Rafael Swe	6.00 152	P	Pn	17 45 35.1 +2.6
TRU	Three Creeks R	6.00 167	P	Pn	17 45 34.8 +2.3
I04A	Tendick Farm,	6.01 266	P	Pn	17 45 32.4 -0.1
	baz=80,SNR=26				
PNT	Penitcion	6.13 324	P	Pb	17 45 45.1 -5.2
D05A	Enumclaw	6.13 299	Pn	Pn	17 45 33.3 -0.7
MSU	Marysville	6.14 166	Pn	Pn	17 45 37.2 +2.7
MSU	Marysville	6.14 166	Pn	Pn	17 45 37.2 +2.7
MVU	Marysville	6.14 166	Pn	Pn	17 45 37.0 +2.5
O20A	White River Ci	6.15 133	P	Pn	17 45 38.2 +3.7
O20A	White River Ci	6.15 133	Pn	Pn	17 45 37.1 +2.6
H04D	Lebanon	6.17 273	Pn	Pn	17 45 34.5 -0.1
	baz=87				
PAHR	Pah Rah Range	6.18 221	Pn	Pn	17 45 36.2 +1.3
R11A	Troy Canyon, C	6.23 191	P	Pn	17 45 37.1 +1.5
	baz=9.6,SNR=32				
R11A			Sb	Sb	17 47 12.2 +5.4
	baz=9.6				
R11A	Troy Canyon, C	6.23 191	Pn	Pn	17 45 38.0 +2.4
M04C	Maccodo	6.27 247	P	Pn	17 45 35.8 -0.2
	baz=61,SNR=43				
E04D	Cinebar	6.29 292	P	Pn	17 45 35.3 -0.9
	baz=106,SNR=12				
L04D	Klamath Falls	6.39 252	P	Pn	17 45 37.2 -0.6
	baz=66,SNR=3				
B06A	Marblemont	6.49 311	Pn	Pn	17 45 38.4 -0.6
BEKR	Beckworth	6.55 227	Pn	Pn	17 45 40.0 0.0
G03D	McMinnville, O	6.55 280	Pn	Pn	17 45 40.5 +0.7
	baz=99,SNR=32				
COR	Corvallis	6.57 274	Pn	Pn	17 45 41.9 +1.8
COR	Corvallis	6.57 274	Pn	Pn	17 45 41.9 +1.8
MTPU	Mount Pierson	6.60 267	Pn	Pn	17 45 43.7 +2.8
D04E	Lakebay	6.62 297	P	Pn	17 45 41.4 +0.7
	baz=110,SNR=7.4				
VCNR	Virginia City	6.63 220	Pn	Pn	17 45 41.9 +0.8
B05A	Bryant	6.69 307	P	Pn	17 45 41.2 -0.5
	baz=121,SNR=29				
HUMO	Hull Mountain	6.70 257	Pn	Pn	17 45 40.6 -1.2
I03D	Drain, OR	6.70 266	P	Pn	17 45 42.0 +0.2
	baz=80,SNR=18				
RYN	Ryan	6.72 211	Pn	Pn	17 45 43.7 +1.4
PNTR	Pine Nut	6.78 219	Pn	Pn	17 45 45.1 +1.9
NVAR	Nine Array Bea	6.82 209	Pn	Pn	17 45 48.0 +4.2
	comp=E,1.1nm,0.3s,baz=24,slow=10,SNR=109				
NVAR			Pb	Pb	17 45 59.8 -2.4
	comp=E,1.2nm,0.3s,baz=28,slow=13,SNR=13				
NVAR			Lg	Lg	17 47 34.6
	comp=E,1.7nm,0.3s,baz=27,slow=35,SNR=2.0				
TPH	Topopal	6.82 201	Pn	Pn	17 45 47.1 +3.3
TPH	Topopal	6.82 201	Pn	Pn	17 45 47.1 +3.3
YBH	Yreka Blue Hor	6.87 249	Pn	Pn	17 45 43.7 -0.6
	comp=E,1.0nm,0.3s,baz=42,slow=12,SNR=30				
YBH			Lg	Lg	17 47 36.5
	comp=E,1.2nm,0.3s,baz=27,slow=15,SNR=1.1				
YBH	Yreka Blue Hor	6.87 249	Pn	Pn	17 45 43.6 -0.7
ZSCU	Shurtz Canyon	6.93 173	Pn	Pn	17 45 49.2 +4.0
CCUT	Cedar City	6.95 175	Pn	Pn	17 45 49.6 +4.0
E03A	Lebam	6.95 291	Pn	Pn	17 45 46.0 +0.7
D03D	Eldon	6.96 299	Pn	Pn	17 45 44.7 -0.7
	baz=112,SNR=19				
N23A	Red Feather La	7.00 118	Pn	Pn	17 45 49.0 +2.6
	baz=304,SNR=89				
N23A	Red Feather La	7.00 118	Pn	Pn	17 45 48.7 +2.4
LIV	Little Hutten	7.06 193	Pn	Pn	17 45 49.2 +2.3
RUBR	Rubicon Trail	7.06 222	Pn	Pn	17 45 47.0 -0.1
O03E	Paynes Creek	7.07 236	Pn	Pn	17 45 49.7 +2.7
	baz=51,SNR=29				
PRN	Pahroc Range	7.10 186	Pn	Pn	17 45 51.0 +3.3
M02C	Callahan	7.12 247	P	Pn	17 45 49.2 +1.4
	baz=61,SNR=5.0				
PV22	Blue Mesa, Pa	7.16 144	Pn	Pn	17 45 49.9 +1.5
K02D	Willamette Mer	7.17 259	Pn	Pn	17 45 48.6 +0.3
	baz=72,SNR=54				
PKCU	Pink Cliffs	7.17 168	Pn	Pn	17 45 52.6 +4.0
WAKR	Walker	7.19 216	Pn	Pn	17 45 52.9 +4.1
PV14	Lion Creek, Pa	7.20 146	Pn	Pn	17 45 50.9 +1.8
J01E	Myrtle Point	7.23 263	Pn	Pn	17 45 50.9 +1.8
	baz=76,SNR=29				
N02D	Trinity Center	7.24 244	Pn	Pn	17 45 49.8 +0.5
	baz=58,SNR=25				
RSSD	Black Hills	7.24 89	Pn	Pn	17 45 51.2 +1.8
RSSD	Black Hills	7.24 89	Pn	Pn	17 45 52.0 +2.6
	baz=27				
RSSD	Black Hills	7.24 89	Pn	Pn	17 45 51.2 +1.8
A04D	Lummi Island	7.28 309	Pn	Pn	17 45 50.3 +0.6
	baz=122,SNR=8.2				
L02E	Cave Junction	7.30 255	P	Pn	17 45 50.3 +0.2
	baz=68,SNR=33				
PV12	Saucer Basin,	7.34 145	Pn	Pn	17 45 53.7 +2.8
WDC	Whiskeytown Da	7.35 241	P	Pn	17 45 51.9 +1.1
WDC	Whiskeytown Da	7.35 241	Pn	Pn	17 45 51.9 +1.1
POV3	Paradox Valley	7.38 146	Pn	Pn	17 45 51.9 +0.5
ORV	Oroville	7.38 231	Pn	Pn	17 45 52.8 +1.5
NLWA	Neilton Lookou	7.40 297	Pn	Pn	17 45 51.8 +0.4
LCMT	Little Creek M	7.50 175	Pn	Pn	17 45 55.9 +2.9
SMCO	Snowmass	7.52 132	Pn	Pn	17 45 52.6 -0.8
KNB	Kanab	7.53 172	P	Pn	17 45 56.4 +3.0
KNB	Kanab	7.53 172	Pn	Pn	17 45 56.4 +3.0
AFDM	Forest Hills D	7.55 225	Pn	Pn	17 45 56.3 +3.3
KEBK	Edson Butte	7.59 261	Pn	Pn	17 45 56.0 +2.0
PV01	Paradox Valley	7.59 145	Pn	Pn	17 45 56.1 +1.7
PGC	Sidney	7.66 306	Pn	Pn	17 45 55.0 -0.1
TPNV	Topopal Spring	7.70 193	P	Pn	17 45 59.0 +3.2
TPNV	Topopal Spring	7.70 193	P	Pn	17 45 59.2 +3.2

TPNV	Topopal Spring	7.70 193	Pn	Pn	17 45 59.0 +3.2
KBO	Bosley Butte	7.72 256	Pn	Pn	17 46 00.2 +4.3
O02D	Diablo Mer	7.74 239	P	Pn	17 45 57.8 +1.6
	baz=53,SNR=25				
KRMB	Red Mountain	7.77 251	Pn	Pn	17 46 00.4 +3.8
MDPB	Devils Postpil	7.81 210	Pn	Pn	17 46 00.9 +3.6
ISCO	Idaho Springs	7.86 124	P	Pn	17 46 00.2 +2.1
ISCO	Idaho Springs	7.86 124	Pn	Pn	17 46 00.9 +2.8
ISCO	Idaho Springs	7.86 124	Pn	Pn	17 46 00.2 +2.1
GRAC	Idaho Springs	7.88 199	Pn	Pn	17 46 01.8 +3.6
	baz=17,SNR=18				
KHMM	Horse Mountain	7.95 246	Pn	Pn	17 46 01.5 +2.3
CMB	Columbia Colle	7.99 218	Pn	Pn	17 46 02.7 +3.0
CMB	Columbia Colle	7.99 218	Pn	Pn	17 46 02.7 +3.0
SHPR	Sheep Range	8.01 186	Pn	Pn	17 46 03.7 +3.4
TIN	Tinemaha, Big	8.05 204	Pn	Pn	17 46 04.8 +4.2
	baz=21,SNR=12				
U15A	North Rim	8.17 170	Pn	Pn	17 46 05.3 +3.0
JCC	Jacoby Creek,	8.18 247	P	Pn	17 46 05.8 +3.7
FURC	Grapevine Cree	8.28 196	P	Pn	17 46 08.3 +4.8
	baz=14				
KMRM	Mail Ridge	8.29 242	Pn	Pn	17 46 06.0 +2.3
MVCO	Mesa Verde	8.42 148	Pn	Pn	17 46 07.9 +2.2
	baz=302,SNR=17				
MVCO	Mesa Verde	8.42 148	Pn	Pn	17 46 07.1 +1.4
KPCM	Cahto Peak	8.52 239	Pn	Pn	17 46 06.5 -0.5
CWC	Cottonwood Cre	8.59 202	P	Pn	17 46 11.0 +3.0
	baz=19				
GDXM	Geyfers	8.63 232	Pn	Pn	17 46 08.4 0.0
FS44D	FS44D	8.65 248	S	Sg	17 49 15.0 +3.4
HOPS	Hopland Field	8.66 234	P	Pn	17 46 12.4 +3.6
Q24A	Divide	8.68 126	P	Pn	17 46 11.7 +2.4
	baz=313,SNR=17				
Q24A	Divide	8.68 126	P	Pn	17 46 11.2 +1.9
S22A	4UR Ranch, Cre	8.69 138	P	Pn	17 46 11.8 +2.3
	baz=323,SNR=7.3				
S22A	4UR Ranch, C	8.69 138	Pn	Pn	17 46 10.7 +1.3
J27D	J27D	8.70 277	S	Sg	17 49 21.0 +3.8
G09D	G09D	8.71 248	S	Sg	17 49 19.4 +3.6
I19D	I19D	8.72 272	S	Sg	17 49 21.7 +3.5
SHOC	Shoshone, Teco	8.74 192	P	Pn	17 46 13.8 +3.9
	baz=14				
FS04D	FS04D	8.78 245	S	Sg	17 49 45.1 +6.0
FS16D	FS16D	8.79 247	S	Sg	17 49 34.8 +4.9
MPMC	Manual Propsec	8.80 198	P	Pn	17 46 14.0 +3.0
	baz=16,SNR=15				
FS10D	FS10D	8.81 246	S	Sg	17 49 28.9 +4.3
FS07D	FS07D	8.83 247	S	Sg	17 49 37.9 +5.1
FS13D	FS13D	8.85 246	S	Sg	17 49 12.6 +2.5
FS09D	FS09D	8.86 247	S	Sg	17 49 24.4 +4.6
J11D	J11D	8.88 266	S	Sg	17 48 54.4 +5.9
G01D	G01D	8.98 244	S	Sn	17 49 42.5 +5.1
G35D	G35D	9.14 262	S	Sn	17 48 55.9 +5.8
WU4Z	Wupatki	9.20 166	P	Pn	17 46 19.7 +3.4
	baz=343,SNR=38				
WU4Z	Wupatki	9.20 166</			

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like NB2, NOA, NC02, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like RETA, KIRV, GEC2, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HHC, STIP, VAY, etc.

NOU 03 17:53:27.2, 5:38Sx148.92E, h169km, mb4.1, New Britain Region, P.N.G.
NEIC 03 17:53:27.4, 2.0:5.67Sx0.07:149.13E, 0:09, h169km, 6km, mb4.5/25, Error ellipse: s-maj=13.1km s-min=9.4km az=109.0
IDC 03 17:53:27.2, 1.3:5.67Sx149.23E, h168km, 14km, mb3.7/11, mb1.3/8/14, mb1mx3.6/29, mbtmp4.1/14, Error ellipse: s-maj=30.8km s-min=9.7km az=118.0
ISC 03 17:53:26.9, 0.5:5.67Sx149.91E, h169km, 14km, mb3.7/11, 0:07, h163km, n45, c175/50, mb4.3/17, New Britain region

2015 JAN

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

Table with columns: MORF, eS, S, Sn, Time, Res, ISC. Includes stations like Marnele, Bajamar, PTEO Sao Teotonio, etc.

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

NEIC 03 18:43.1, 6.0, 16.2, 20N, 0.05:66.87W, 0.04, h32km, 13km, ML2.4/27, Md2.9(6)RSPR, Error ellipse: s-maj=8.1km, s-min=5.3km az=20.0.

RSPR 03 18:43.3, 1.8, 20N, 66.87W, h21km, MD2.4/6, 11C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AOPR Arecibo Observ, LSP Las Mesas, etc.

IDC 03 18:13:37.5, 8.3, 23S, 138.44E, h0km, mb3.5/2, mb1.3/8, mb1mx3.5/17, mbtmp3.6/3, ML3.7/1, MS3.5/1, Ms1=3.1, ms1mx2.8/19, Error ellipse: s-maj=380.2km s-min=29.6km az=85.0, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Oklahoma City, Wichita Mounta, Cedar Bluff, etc.

IDC 03 18:32:04.2.0.9.67.18N.20.95E, h0km, mb1.3.7/5, mb1mx3.2/48, mbtmp3.6/5, ML2.7/5, Error ellipse: s-maj=14.1km s-min=6.7km az=110.0

HEL 03 18:32:04.4.0.0.67.19N.20.68E, h0km, ML2.0(UPP), Explosion

NAO 03 18:32:04.7.1.0.67.17N.21.21E, ML2.5

BER 03 18:32:05.7.2.4.67.14N.20.57E, h0km, ML2.1, ML2.5(NAO), Suspected explosion

ISC 03 18:32:03.7.0.7.67.18N.20.69E, 0.03, h0km, n42, e=1943/67, Sweden

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Sodankyl, Burvik, ARCESS Array S, etc.

IDC 03 18:33:50.2.5.0.13.19S.109.75W, h0km, mb3.5/3, mb1.4/0.3, mb1mx3.7/24, mbtmp3.5/3, MS3.4/2, Ms1.3.4/2, ms1mx3.1/14, Error ellipse: s-maj=309.2km s-min=54.6km az=106.0, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Rapa Nui, Paso Flores, Mina Araya, etc.

NNC 03 18:34:04.0.13.0.38.02N.72.02E, h244km, 242km, mb2.6, mpv3.9, Error ellipse: s-maj=176.2km s-min=92.7km az=2.0

ISC 03 18:33:51.6.1.4.37.05N.0.09.71.7E, 0.1, h106km, n18, e=187/20, 3C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Almayushu, Uchtor, Erkin-Say, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Thule, Clyde River, Upernavik, etc.

IDC 03 18:51:08.9.0.5.39.63N.143.58E, h0km, mb4.3/32, mb1.4/0.32, ms1mx3.9/45, Error ellipse: s-maj=15.1km s-min=11.6km az=115.0

NIED 03 18:51:10.0.39.69N.143.68E, h29km, MW4.7, Moment Tensor Solution, s3 Moment tensor, Scale 10^16Nm

JMA 03 18:51:09.9.0.2.39.69N.143.68E, h29km, M4.8

BUI 03 18:51:12.0.0.0.39.68N.143.27E, h25km, mb5.1/49, mb4.8/72, Ms4.7/64, Ms7.4/56/2

MOS 03 18:51:12.3.0.9.39.79N.143.43E, h28km, mb5.0/30, Error ellipse: s-maj=6.6km s-min=4.2km az=101.7

NEIC 03 18:51:13.4.2.3.39.62N.0.05.143.35E, 0.08, h25km, 5km, mb4.9/126, Error ellipse: s-maj=10.0km s-min=5.1km az=123.0

NOU 03 18:51:14.9.39.66N.143.47E, h53km, mb4.9, Off East Coast of Honshu, Japan

ISC 03 18:51:12.6.0.8.39.66N.0.03.143.49E, 0.04, h24km, 4km, n407, e=1967/446, mb4.8/160, MS4.3/43, 18C-9D, Off east coast of Honshu

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

3d 20h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like JAVC, VRAC, VRAC, VRAC, etc.

FUNV 03 19:42:08.9, 10.85N:62.17W, h96km, MW3.4
TRN 03 19:42:08.3, 10.82N:62.21W, h92km, MD3.4
ISC 03 19:42:06.7, 1.3, 10.81N:0.04:62.22W:0.04,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like TRN, TRN, TRN, etc.

IDC 03 20:10:55.6, 1.6, 0.15S:123.88E, h0km, mb3.3/3,
mb1 3.5/3, mb1mx3.2/38, mbtmp3.3/3, Error ellipse:
s-maj=187.6km s-min=24.1km az=62.0, Minahassa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like WRA, ASAR, MKAR, etc.

IDC 03 20:29:41.8, 1.1, 0.52N:95.52E, h0km, mb3.3/2,
mb1 3.5/3, mb1mx3.1/42, mbtmp3.2/3, ML3.5/1, Error
ellipse: s-maj=308.9km s-min=44.6km az=82.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like CMAR, WRA, ASAR, etc.

MOS 03 20:39:05.0, 0.0, 42.94N:47.18E, h5km, MPVA3.8
NORS 03 20:39:04.0, 0.0, 42.90N:47.12E, h10km, MPVA3.8
DRS 03 20:39:05.0, 0.0, 42.98N:47.16E, h14km, ML2.7/0.1
ISC 03 20:39:05.0, 0.9, 42.95N:0.02:47.17E:0.02, h14km, gkm,

2015 JAN

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like BUJR, BUJR, BUJR, etc.

MDD 03 20:41:15.5, 2.6, 32.40N:6.18W, h0km, mb4.3/1, Error
ellipse: s-maj=33.7km s-min=23.1km az=74.0, PRXIMO
CNRM 03 20:41:16.7, 3.2, 25N:6.37W, h6km, ml2.5, Hypocentre not
reviewed by the ISC

INMG 03 20:41:18.3, 1.2, 32.61N:6.12W, h0km, ML2.2, Error
ellipse: s-maj=7.1km s-min=3.1km az=23.0
IGL 03 20:41:18.4, 3.2, 33N:6.17W, h18km
ISC 03 20:41:19.3, 3.1, 32.72N:6.02W:0.05, h12km, n28,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like ZHG, AVE, IFR, etc.

EGRO 03 20:41:19.3, 3.1, 32.72N:6.02W:0.05, h12km, n28,
e075/53, Morocco
ZHG ZHG 0.88 334 P Pn 20 41 38.0
AVE Aveerros 1.22 302 P Pn 20 41 42.0 -0.2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like MORF, MORF, MORF, etc.

EGRO 03 20:41:19.3, 3.1, 32.72N:6.02W:0.05, h12km, n28,
e075/53, Morocco
MORF MORF 0.56 337 P Pn 20 42 34.4 -0.8
MORF MORF 0.56 337 P Pn 20 42 34.9 -0.2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like EMIN, PCVE, PCVE, etc.

EGRO 03 20:41:19.3, 3.1, 32.72N:6.02W:0.05, h12km, n28,
e075/53, Morocco
EMIN EMIN 5.12 356 P Pn 20 42 35.2 -0.6
PCVE PCVE 5.19 344 P Pn 20 42 36.8 0.0

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like EADA, PNCL, PNCL, etc.

IDC 03 20:46:14.6, 3.2, 41.91N:124.50E, h0km, mb1 3.2/2,
mb1mx2.9/46, mbtmp3.2/2, ML2.6/2, Error ellipse:
s-maj=29.7km s-min=25.0km az=83.0, Northeastern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like KRSR, KRSR, USRK, etc.

JMA 03 20:53:12.0, 34.97N:135.44E, h10km, M2.7, Near south
coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like JWE, JWE, JHT, etc.

IDC 03 20:59:52.7, 0.6, 17.18S:168.80E, h0km, mb4.5/23,
mb1 4.7/26, mb1mx4.5/46, mbtmp4.6/26, ML5.5/3, MS4.7/27,
Ms1 4.7/27, ms1mx4.6/35, Error ellipse: s-maj=15.4km

MOS 03 20:59:56.9, 0.9, 17.28S:168.80E, h40km, mb5.3/10, Error
ellipse: s-maj=11.9km s-min=9.2km az=4.2
BUJ 03 20:59:57.0, 0.0, 17.10S:168.90E, h35km, mb5.3/35,
mb4.9/50, Ms5.1/32, Ms7.4/33

NEIC 03 20:59:57.1, 1.8, 17.16S:0.07:168.79E:0.08, h29km, 2km,
mb5.1/70, Error ellipse: s-maj=12.2km s-min=9.0km
az=49.0

GCMT 03 20:59:58.1, 0.1, 17.19S:0.01:168.79E:0.01, h12km,
MW5.3/137, Moment Tensor Solution, s107:c163,
s137:c223, Duration: 111, Moment tensor: Scale 1017

Nm, Mw=0.073: 0.1, Mw=0.122: 0.1, Mw=0.945: 0.1,
Mw=0.011: 0.3, Mw=0.2: 0.1; Mw=0.17: 0.3, Best double
couple: M1: 0.210000*1017, N1: 0.1280000000, 882.000000,
1.6-0.000000, N2: 0.2190000000, 884.000000,
-1.1720000000, Principal axes: T 1.0430, P1g1.00000,
Az=354.00000; N -0.0450, P1g8.00000, Az=256.00000;
P -0.9990, P1g10.00000, Az=84.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

NOU 03 21:01:08.7, 22.00S:166.79E, h0km, MLv2.0, New
Caledonia

ISC 03 20:59:57.9, 0.3, 17.26S:0.05:168.85E:0.05, h35km, n242,
s164:232, mb5.1/87, MS4.8/39, 6C-8D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like SANVU, YATNC, DZM, etc.

3d 22h

Table with columns: MOY, comp=N, 222nm, 1.7s, Orlik, 8.86 252, ePn, Pn, 21 56 21.2 +1.2, etc.

BYKL 03 21:54:24.7±0.3,56.16N×113.63E, h6km,4km, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, SVKR Severomysk, 0.06 223, ePg, Pg, 21 54 25.6 -0.7, etc.

2015 JAN

Main table with columns: NLYR, 872nm, 0.6s, SVKR, 642nm, 0.2s, eSg, Pmax, 21 55 27.4 +0.7, etc.

BYKL 03 21:55:09.2±0.5,56.11N×113.76E, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, SVKR Severomysk, 0.10 286, ePg, Pg, 21 55 25.4 0.0, etc.

BYKL 03 21:55:37.9±0.9,56.11N×113.70E, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, SVKR Severomysk, 0.08 275, ePg, Pg, 21 55 39.3 -0.1, etc.

MOS 03 22:02:49.2±1.0,56.06N×113.75E, h4km, mb4.1/4, Error ellipse: s-maj=9.9km s-min=7.0km az=70.7, etc.

BYKL 03 22:02:51.0±0.2,56.09N×113.72E, h6km,3km, FELT I=III

BUI 03 22:02:53.8±0.0,55.64N×114.08E, h18km, mb3.7/1, etc.

BYKL 03 22:02:51.1±0.5,56.08N×113.69E, 0.02, h10km, n77, c261/128, mb4.0/12, 11C-11D, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, SVKR Severomysk, 0.08 297, ePg, Pg, 22 02 53.0 -0.6, etc.

3d 23h

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

JMA 03 22:22:56.8... 36.70N; 141.22E, h34km, MW3.9, M3.9
JMA Fell II J1.
NIED 03 22:22:56.8... 36.70N; 141.22E, h34km, MW3.8, Moment Tensor Solution...

NEIC 03 22:22:56.8... 36.70N; 141.22E, h34km, MW3.8, Moment Tensor Solution...

NEIC 03 22:22:56.8... 36.70N; 141.22E, h34km, MW3.8, Moment Tensor Solution...

ICC 03 22:22:56.8... 36.70N; 141.22E, h34km, MW3.7, mb3.7/16, mb1.3/8/20, mb1mx3.6/41, mbtmp3.8/20, ML3.3/4, Error ellipse...

ISC 03 22:22:56.8... 36.70N; 141.22E, h34km, MW3.8, mb4.4/13, Error ellipse: s-maj=9.8km s-min=5.7km az=112.0

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

2015 JAN

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

ISC 03 23:24:14.9... 37.91N; 37.88E, h5km, ML3.4/21
DDA 03 23:24:15.8... 37.89N; 37.86E, h4km, 2km, MW3.7

ISC 03 23:24:15.0... 37.90N; 37.88E, h5km, 9km, n62, c1921/97, Turkey

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

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mb1.3/8/12, mb1mx3.6/36, mbtmp3.7/12, ML2.9/3, MS3.6/2, M1.3/6/2, ms1mx2/6/37, Error ellipse: s-maj=34.3km s-min=17.8km az=82.0
NIED 03 23:29:21.7... 39.90N; 143.69E, h25km, MW3.7, Moment Tensor Solution...

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

IDC 03 23:39:47.8... 1.7, 56.25N; 113.79E, h0km, mb3.2/3, mb1.5/6/6, mb1mx3.2/42, mbtmp3.4/6, ML3.3/3, MS3.0/2, M1.1/3.0/2, ms1mx2/5/26, Error ellipse: s-maj=36.2km

MOS 03 23:39:47.2... 1.1, 56.03N; 113.72E, h7km, mb3.8/1, Error ellipse: s-maj=12.6km s-min=8.1km az=68.2

BYKL 03 23:39:49.0... 56.08N; 113.68E, h5km, 3km, ISC 03 23:39:49.0... 56.07N; 113.66E, h0.02, h8km, 6km, n50, c210/90, mb3.2/3, 9C-2D, East of Lake Baykal

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

IDC 03 23:29:19.5... 39.71N; 143.77E, h0km, mb3.7/9

4d 1h

baz=114,slow=75,SNR=18
H1S3 WAKE ISLAND Hy26.23 272 T T 02 58 08.4
ZALV Zalesovo Beam 150.00 28 PKPbc PKPbc 00 39 58.4 +0.3

BGR 04 00:36:49.0.6.0.64:68N:21.35W,h33km,mb4.5
REY 04 00:36:48.9.4.66N:17.49W,h2km
NEIC 04 00:36:49.1.5.64:62N:0.10:17.7W:0.1,h5km,4km,

ISC 04 00:36:50.3.0.4.64:68N:02:17.54W:0.02,h10km,n92,
+192/104,mb3.9/20,MS3.1/4,Iceland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like DYNGJUHALS, IDYV, IDJ, IURH, IHAM, IKVE, IKVE, IKSK, IKAL, IVSH, IFAG, IADA, IMEL, IREN, ISNB, ISNB, IKVO, IGRS, IGRS, IRFED, IJUW, IMJO, ISKI, IGH, IGYG, IGRA, IGRA, IHAV, IDIM, IALF, IHED, IESK, IMID, IBRE, IBRE, ISIG, ISIG, IASG, IORG, IKRO, ISOL, IHEI, ISAN, IKUD, IVOS, SCO, SCO, SCO, JMIC, ICESG, EKBS, EKA, DAG, DAG, NOA.

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like SFUD, CLL, GRF, STU, CHVC, KHC, KHC, DPC, GERES, GERES, GERES, MORC, SMOL, LAIS, ESDC, ESDC, KOLS, AKASG, NRIK, BRTR, YKA, INK, ABKAR, GNI, ILAR, ILAR, ZALV, KURK, KURK, MK31, MK31, MKAR, PD31, PD31, PDAR, TOAO, TOAO, TORD, TIC, TIC, LIC, CMAR.

NEIC 04 01:15:37.4e.1.9.29:27N:0.06:130:6E:0.1,h43km,8km,
mb4.0/6, Error ellipse: s-maj=13.3km s-min=7.9km

JMA 04 01:15:37.6.0.1.29:36N:130:55E,h56km,4km,M3.4
IDC 04 01:15:39.5.3.2.29:42N:130:71E,h57km,27km,mb3.5/10,
mb1.3/6.16,mb1mx3.5/5.1,mbtmp3.8/16,ML2.9/5, Error

ISC 04 01:15:36.1e.1.3.29:28N:0.04:130:65E:0.05,h29km,10km,
+109/60,mb3.8/13,Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like JNN, JNN, JYAK, JYAK, JMTN, JMTN, JJK, JJK, JAM, JAM, JTAJ, JTAJ, JMN, JMN, JMSJ, JMSJ, JTK, JTK, JSU, JSU, JOKE, JOKE, JYRO, JYRO, JOW, JOW, JIH, JIH, JKDJ, JKDJ, JKM, JKM, JMU, JMU, JNU, JNU, JNU, JNU, JHS, JHS, JHT, JHT, KRSR, KRSR, KSJ, KSJ, JHJ, JHJ, MJAR, MJAR, USRK, USRK, KLR, KLR, MK31, MK31, MKAR, MKAR, ZALV, ZALV, KURK, KURK, KURB, KURB, NLR, NLR, WRR, WRR, BVAR, BVAR, BRVK, BRVK, KBL, KBL, ABKAR, ABKAR, ILAR, ILAR, FINES, FINES, AKASG, AKASG.

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YKA Yellowknife Ar 74.96 26 P P 01 27 13.1 -0.6
BRTR Keskin Array B 76.85 308 P P 01 27 26.4 +0.7

IDC 04 01:17:19.1e.1.1.29:11N:130:32E,h0km,mb3.8/13,
mb1.3/9.18,mb1mx3.8/49,mbtmp3.8/18,ML2.8/4,MS3.2/7,
M3.1/3.27,ms1mx3.0/43, Error ellipse: s-maj=22.9km
s-min=22.7km az=61.0

NEIC 04 01:17:24.4e.1.8.29:17N:0.04:130:30E:0.1,h33km,7km,
mb4.2/5, Error ellipse: s-maj=14.1km s-min=5.2km
az=106.0

NIED 04 01:17:26.6.29:35N:130:56E,h54km,MW4.4,Moment
Tensor Solution, s3 Moment tensor: Scale 10^15N/m^2,
Mn:0.18, Mee:0.10, Mee:0.28, Mee:3.6, Mee:4.56;
Fault plane solution: Ms:14000*10^15, NPT:27.00000*,
88.00000*, 1.90.00000*. NPZ:195.00000*, 32.00000*,
1.78.00000*

JMA 04 01:17:26.6.0.1.29:35N:130:56E,h54km,3km,M3.6
ISC 04 01:17:25.0.1.4.29:19N:0.07:130:59E:0.07,h41km,13km,
n44,+e127/44,mb3.7/14,Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like JNN, JNN, JYAK, JYAK, JYAK, JYAK, JAM, JAM, JMTN, JMTN, JJK, JJK, JAM, JAM, JTAJ, JTAJ, JMN, JMN, JMSJ, JMSJ, JTK, JTK, JSU, JSU, JOKE, JOKE, JYRO, JYRO, JOW, JOW, JIH, JIH, JKDJ, JKDJ, JKM, JKM, JMU, JMU, JNU, JNU, JNU, JNU, JHS, JHS, JHT, JHT, KRSR, KRSR, KSJ, KSJ, JHJ, JHJ, MJAR, MJAR, USRK, USRK, KLR, KLR, SONM, SONM, TMTI, TMTI, MKAR, MKAR, ZALV, ZALV, KURB, KURB, BVAR, BVAR, ABKAR, ABKAR, IL31, IL31, ILAR, ILAR, STKA, STKA, STKA, STKA, FINES, FINES, AKASG, AKASG, AKASG, AKASG, YKA, YKA, BRTR, BRTR, NVAR, NVAR, IDC, IDC, NEIC, NEIC, DJA, DJA, NOU, NOU, ISC, ISC, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like KMPI, KMPI, FAKI, FAKI, RKPI, RKPI, BAKI, BAKI, BNDI, BNDI, SAUI, SAUI, SIJI, SIJI, SIJI, SIJI, SWI, SWI, SMPI, SMPI, MSAI, MSAI, JAY, JAY, JAY, JAY, NLAJ, NLAJ, BNTI, BNTI, BNTI, BNTI, BNTI, BNTI, BNTI, BNTI.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like MDM Murphy Dome, PRN Pahroc Range, ISA Isabella, Lake, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like ULM Lac du Bonnet, SDCO Great Sand Dun, SPX SPX, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like JKC Kuchinoerabu, JTAJ Takarajima, JAM Amami Oshima, etc.

NEIC 04 01:54:07.21, 1.4, 29.30N, 0.06:130.5E:0.1, h28km, 6km, mb4.2/15, Error ellipse: s-maj=14.4km s-min=8.2km az=86.0

IGL 04 02:19:34.7, 39.42N:14.75W, h30km, ML2.2 MDD 04 02:19:34.9, 1.8, 39.49N:14.37W, h0km, mb3.9/5, Error ellipse: s-maj=15.9km s-min=11.9km az=91.0, PRXIMO INMG 04 02:19:36.8, 1.1, 39.49N:14.83W, h10km, ML2.3, Error ellipse: s-maj=6.6km s-min=4.3km az=100.0

Table with columns: Code, Station Name, Az, El, P, S, Phase ID, Time Res, h, m, s, ISC. Includes entries like PMAFR Mafr, PMAFR Mafr, PMAFR Mafr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like PVFI Vila Bisbo, MORF Marletele, EVO Evora, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like CZSB Cruzeiro do Su, CPBS Acapava Do Su, ARAG Araguaia, etc.

SJA 04 02:38:47.6:0.6,21:43S:66:74W,h252km,4km,ML4.4, MW4.2
IDC 04 02:38:48.3:0.8,21:30S:66:57W,h203km,8km,mb3.6/12,
mb1 3.8/19,mb1mx3.6/45,mbtm4.2/19,Error ellipse:
s-maj=12.8km s-min=10.1km az=152.0

ANF 04 02:58:10.0:0.1,34:62N:118:62W,h12km,1km,ML3.0/36,
Error ellipse: s-maj=1.5km s-min=1.3km az=170.0
PAS 04 02:58:10.8:1.4,34:61N:0:008:118:63W,0:008,
h9km,2km,ML3.0/139,ML2.7/62(NEIC),Error ellipse:
s-maj=1.3km s-min=0.9km az=211.0
SCEDC 04 02:58:10.8,34:62N:118:63W,h2km
NEIC 04 02:58:10.7:1.7,34:62S:0:010:118:62W:0:01,
h16km,Error ellipse: s-maj=1.4km s-min=1.2km az=199.0
ISC 04 02:58:10.3:0.1,34:62N:0:010:118:63W:0:01, h12km,4km,
n148,0664/187,Southern California

MPI	Mount Pinos, F	0.47 294	Pg	02 58 19.5	0.0
LRRC	Litterlock Res	0.51 101	Pg	02 58 20.0	-0.2
ARVC	Arvin	0.53 342	P	02 58 20.9	+0.2
baz=162,SNR=77					
ARVC	Arvin	0.53 342	S	02 58 28.4	+0.7
baz=162					
ARVC	Arvin	0.53 342	Pg	02 58 20.9	+0.2
DJJ	Donna J Jenkin	0.53 164	Pg	02 58 21.1	+0.3
DJJ	Donna J Jenkin	0.53 164	Pg	02 58 21.0	+0.3
GR2C	Griffith Obs.	0.57 151	Pg	02 58 20.1	-0.3
GR2C	Griffith Obs.	0.57 151	Pg	02 58 21.4	0.0
CHFC	Chilao Flat St	0.58 120	Pg	02 58 21.1	-0.5
CHFC	Chilao Flat St	0.58 120	Pg	02 58 28.6	-0.6
PASC	Pasadena Art C	0.58 141	Pg	02 58 29.4	+0.1
PASC	Pasadena Art C	0.58 141	Pg	02 58 21.2	-0.4
PASC	Pasadena Art C	0.58 141	Pg	02 58 29.9	
comp=N,255nm,0.6s					
PASC	Pasadena Art C	0.58 30.6	IAML		
comp=E,594nm,0.5s					
EDW2	Edwards Air Fo	0.58 63	P	02 58 21.7	-0.1
baz=243,SNR=82					
EDW2	Edwards Air Fo	0.58 63	S	02 58 29.8	+0.3
baz=243					
EDW2	Edwards Air Fo	0.58 63	Pg	02 58 21.8	+0.1
EDW2	Edwards Air Fo	0.58 107	Pg	02 58 30.1	-0.7
JNH	Juniper Hills	0.58 107	Pg	02 58 21.4	-0.4
JNH	Juniper Hills	0.58 107	Pg	02 58 29.6	+0.1
TEJ	El Tejon	0.61 355	Pg	02 58 22.3	+0.1
MWC	Mount Wilson	0.62 130	Pg	02 58 22.0	-0.3
MWC	Mount Wilson	0.62 130	Pg	02 58 30.3	-0.3
PT2	Point Dume	0.63 193	Pg	02 58 22.4	-0.2
SBB	Saddle Back Bu	0.67 84	Pg	02 58 23.2	-0.1
GVRV	Garvey Reservo	0.71 143	Pg	02 58 34.5	+0.2
GVRV	Garvey Reservo	0.71 143	Pg	02 58 24.1	+0.1
XTL	Crystal Lake	0.71 117	Pg	02 58 23.5	-0.6
BCW	Bitter Crk WRg	0.72 296	Pg	02 58 23.8	-0.4
BCW	Bitter Crk WRg	0.72 296	Pg	02 58 34.4	+0.6
CCAC	Calif City Ar	0.73 43	Pg	02 58 24.6	+0.2
CCAC	Calif City Ar	0.73 43	Pg	02 58 35.0	0.0
PEM	Pine Mountain	0.77 126	Pg	02 58 24.6	-0.7
RHC	Rose Hills Cem	0.80 140	Pg	02 58 26.1	-0.1
PSRC	Puddingstone R	0.86 128	Pg	02 58 26.2	-0.9
PSRC	Puddingstone R	0.86 128	Pg	02 58 30.0	-0.7
SSK	Sunset Peak	0.88 118	Pg	02 58 26.2	-1.3
BFSC	Mount Baldy Ra	0.89 115	P	02 58 26.3	-1.4
baz=295,SNR=70					
BFSC	Mount Baldy Ra	0.89 115	Pb	02 58 26.6	-1.2
BFSC	Mount Baldy Ra	0.89 115	Pb	02 58 30.5	-1.1
HYS	Haystack Butte	0.91 74	Pb	02 58 27.7	-0.3
HYS	Haystack Butte	0.91 74	Pb	02 58 39.4	-0.6
DTP	Desert Tortois	0.91 45	Pg	02 58 27.5	-0.7
SBC	Santa Barbara	0.91 259	P	02 58 28.4	+0.6
baz=79					
SBC	Santa Barbara	0.91 259	S	02 58 41.8	-0.2
baz=79					
SBC	Santa Barbara	0.91 259	Pg	02 58 28.5	+0.6
WOFM	Oak Flat	0.91 356	P	02 58 27.6	-0.6
FMP	Fort Macarthu	0.95 163	P	02 58 28.3	-0.4
baz=343					
FMP	Fort Macarthu	0.95 163	S	02 58 41.5	+0.5
baz=343					
FMP	Fort Macarthu	0.95 163	Pg	02 58 28.2	-0.4
FMP	Fort Macarthu	0.95 163	Pg	02 58 41.7	+0.7
WBSM	Bird Springs	1.00 24	Pb	02 58 30.8	+0.4
PKM	Mcperson Peak	1.01 286	P	02 58 29.4	-0.5
baz=105,SNR=47					
PKM	Mcperson Peak	1.01 286	S	02 58 44.0	+1.0
PKM	Mcperson Peak	1.01 286	Pb	02 58 29.4	-0.5
SS2	San Sevaine	1.02 114	Pg	02 58 29.1	-0.8
SCZ2	Santa Cruz Isl	1.04 233	P	02 58 29.5	-0.8
baz=53					
SCZ2	Santa Cruz Isl	1.04 233	S	02 58 44.8	+0.9
baz=53					
ISA	Isabella, Lake	1.05 7	P	02 58 29.9	-0.5
ISA	Isabella, Lake	1.05 7	Pg	02 58 29.9	-0.5
ISA	Isabella, Lake	1.05 7	Pg	02 58 48.6	
comp=E,176nm,0.8s					
WHFM	Hanning Flat	1.10 12	Pb	02 58 30.8	-0.5
WASM	Alta Sierra Ca	1.12 3	Pb	02 58 31.2	-0.5
WASM	Alta Sierra Ca	1.12 3	Pb	02 58 36.0	-0.2
LRMC	Laurel Mtn Rad	1.16 42	P	02 58 32.2	-0.2
baz=222,SNR=55					
LRMC	Laurel Mtn Rad	1.16 42	S	02 58 47.9	+0.2
baz=222					
LRMC	Laurel Mtn Rad	1.16 42	Pg	02 58 32.7	+0.1
CARC	Carrizo Plain	1.21 305	Pb	02 58 32.3	-0.8
CARC	Carrizo Plain	1.21 305	Pb	02 58 48.6	-0.2
RSBC	Riverside Bore	1.26 121	P	02 58 50.3	-0.3
VES	Vestal, Richgr	1.27 343	P	02 58 33.3	-0.6
baz=163,SNR=74					
VES	Vestal, Richgr	1.27 343	S	02 58 51.5	+0.2
baz=163					
NJQ	Nojoqui County	1.28 267	Pn	02 58 34.0	-0.1
NJQ	Nojoqui County	1.28 267	Pg	02 58 34.0	-0.1
SRT	Snort	1.29 34	Pg	02 58 34.0	-0.1
SMMC	Simmler	1.32 302	P	02 58 34.2	-0.4
baz=122,SNR=23					
SMMC	Simmler	1.32 302	S	02 58 51.7	-0.4
baz=122					
SME	Santa Rosa Min	1.32 127	Pb	02 58 34.2	-0.5
WCHM	Chimney Peak	1.34 20	Pb	02 58 35.3	-0.2
WSHM	Spangler Hills	1.35 43	Pb	02 58 35.0	0.0
SVD	Seven Oaks Dam	1.37 112	Pg	02 58 35.9	+0.1
RRX	Edison Barstow	1.37 79	Pg	02 58 36.1	+0.3
baz=260,SNR=10					
RRX	Edison Barstow	1.37 79	S	02 58 53.6	+0.3
baz=260					
RRX	Edison Barstow	1.37 79	Pb	02 58 36.2	+0.4
CFT	Crafton Hills	1.39 115	Pb	02 58 35.9	-0.3
BTL	Butler Peak	1.39 105	Pb	02 58 36.2	-0.2
ELS	Elsinore Mount	1.39 134	Pb	02 58 36.0	-0.3
PEC	Perris	1.42 120	Pb	02 58 36.0	+0.1
BBRC	Big Bear Solar	1.46 104	Pg	02 58 37.4	-0.1
baz=285,SNR=13					
BBRC	Big Bear Solar	1.46 104	S	02 58 56.7	+0.6
baz=285					
BBRC	Big Bear Solar	1.46 104	Pb	02 58 37.5	0.0
BBRC	Big Bear Solar	1.46 104	Pg	02 58 57.0	-0.3
JRC2	Joshua Ridge	1.52 26	Pg	02 58 58.8	-0.3
WLHM	Little Horse	1.55 10	Pg	02 58 36.2	-0.2
SNCC	San Nicolas Is	1.56 209	P	02 58 37.5	-0.4
baz=28					
SNCC	San Nicolas Is	1.56 209	S	02 58 56.8	-1.2
baz=28					
SNCC	San Nicolas Is	1.56 209	Pn	02 58 37.3	-0.6
MURC	Murrieta	1.57 130	P	02 58 37.6	-0.4
baz=311,SNR=27					
MURC	Murrieta	1.57 130	S	02 58 57.7	-0.5
baz=311					
SPG2	Springville 2	1.58 356	Pb	02 58 39.0	-0.5
HMTc	Hemet	1.63 124	Pb	02 58 38.6	-0.2
HMTc	Hemet	1.63 124	Pb	02 59 01.1	+0.3
SC12	San Clemente I	1.64 178	P	02 58 38.2	-0.7
baz=358,SNR=7.7					
SC12	San Clemente I	1.64 178	S	02 58 59.8	-0.1
baz=358					
GSC	Goldstone, Bar	1.64 65	Pn	02 58 39.1	0.0
GSC	Goldstone, Bar	1.64 65	Pg	02 58 41.5	-0.4
baz=246,SNR=55					
GSC	Goldstone, Bar	1.64 65	Sg	02 59 02.8	-0.5
baz=246					
GSC	Goldstone, Bar	1.64 65	Pn	02 58 39.1	0.0
BACC	Bachelor Mtn.	1.66 127	Pn	02 58 39.0	-0.2
POB	Polly Butte	1.69 123	Pn	02 58 39.6	-0.1
MPMC	Manual Prospe	1.71 33	Pg	02 58 40.3	+0.1
baz=213,SNR=49					
MPMC	Manual Prospe	1.71 33	Sb	02 59 04.8	-0.6
baz=213					
PAGB	Antelope Grade	1.73 310	Pn	02 58 40.7	+0.5
PAGB	Antelope Grade	1.73 310	IAML	02 59 10.7	
comp=N,54nm,0.8s					
VOG	Valley Oaks Gs	1.80 340	P	02 58 41.7	+0.5
baz=160					
CWC	Cottonwood Cre	1.87 14	Pg	02 58 45.5	-0.6
baz=194					
DPD	Davis Peak	1.87 290	Pg	02 58 45.7	-0.5
HEC	Hector, Ludlow	1.90 83	P	02 58 42.1	-0.5
baz=264,SNR=36					
HEC	Hector, Ludlow	1.90 83	Sb	02 59 10.4	-1.0
baz=264					
PLM	Palomar	1.94 130	Pn	02 58 43.2	0.0

EW2	E Wide Canyon	1.96 110	Pb	02 58 46.6	+0.7
QSM	Queen of Sheba	1.97 47	Pn	02 58 43.8	+0.3
GND	J Saunders Pla	1.98 122	Pn	02 58 45.4	+0.6
FRD	For Ranch, An	2.02 123	Pn	02 58 44.9	+0.6
PFO	Pinyon Flats O	2.06 119	P	02 58 45.3	+0.4
baz=300,SNR=17					
PFO	Pinyon Flats O	2.06 119	S	02 59 11.2	+0.6
baz=300					
PFO	Pinyon Flats O	2.06 119	Pn	02 58 45.2	+0.3
PMD	Palm Desert	2.10 117	Pn	02 58 45.8	+0.4
109C	Camp Elliot, M	2.15 143	P	02 58 46.2	+0.3
109C	Camp Elliot, M	2.15 143	Pn	02 58 46.3	+0.4
baz=324,SNR=5.9					
109C	Camp Elliot, M	2.15 143	IAML	02 59 18.8	
comp=N,62nm,0.3s					
109C	Camp Elliot, M	2.15 143	IAML	02 59 19.9	
comp=E,50nm,0.2s					
MATQ	Mataguay Scout	2.17 130	Pn	02 58 47.2	+0.8
TPC	Twentynine Pal	2.20 103	Pn	02 58 47.2	+0.5
BELC	Belle Mtn. Jos	2.26 105	P	02 58 48.0	+0.4
BELC	Belle Mtn. Jos	2.26 105	Pn	02 58 48.3	+0.6
SHOC	Shoshone, Tec	2.31 56	P	02 58 48.6	+0.4
baz=237,SNR=24					
SHOC	Shoshone, Tec	2.31 56	Sg	02 59 25.8	+1.3
baz=237					
PMPB	Monarch Peak	2.38 313	Pmp	02 58 50.5	+1.3
PMPB	Monarch Peak	2.38 313	IAML	02 59 46.8	
comp=E,57nm,0.8s					
PMPB	Monarch Peak	2.38 313	IAML	02 59 48.4	
comp=N,46nm,1.0s					
TIN	Tinemaha, Big	2.45 7	Pg	02 58 56.0	-1.3
GMRC	Granite Mounta	2.45 85	P	02 58 50.0	-0.2
baz=188,SNR=16					
GMRC	Granite Mounta	2.45 85	Sb	02 59 27.6	-1.5
baz=267,SNR=13					
MONP2	Monument Peak	2.52 133	P	02 58 51.7	+0.5
baz=314					
MONP2	Monument Peak	2.52 133	S	02 59 22.7	+0.6
baz=314					
BAR	Barrett	2.53 139	Pn	02 58 51.4	+0.1
BAR	Barrett	2.53 139	IAML	02 59 28.4	
comp=E,47nm,0.5s					
BAR	Barrett	2.53 139	IAML	02 59 29.3	
comp=N,40nm,0.2s					
GRAC	Grapevine Rang	2.58 23	Pg	02 58 59.8	0.0
BR3	Big Chuckawall	2.81 109	Pn	02 58 55.2	+0.2
CBX	Cerro Bola	2.83 144	Pn	02 58 55.3	+0.2
IKP	Iron Ko-Pah, Jac	2.88 132	Sb	02 59 38.2	+1.3
baz=314					
SWSC	Sam W. Stewart	2.89 125	Sb	02 59 39.1	+2.0
baz=306					
IRM	Iron Mountain	2.92 98	P	02 58 56.5	-0.1
RMX	La Ramorosa	2.93 133	Pn	02 58 54.1	+1.5
baz=290,SNR=12					
RMX	La Ramorosa	2.93 133	IAML	02 59 43.5	
comp=N,16nm,0.9s					
OMMB	Old Mammoth Mi	3.00 354	Pn	02 58 59.5	+1.6
OMMB	Old Mammoth Mi	3.00 354	IAML	02 59 44.4	
comp=E,27nm,0.9s					
OMMB	Old Mammoth Mi	3.00 354	IAML	02 59 45.3	
TPNV	Topopah Spring	3.02 39	P	02 58 58.9	+0.8
TPNV	Topopah Spring	3.02 39	Pn	02 58 59.1	+0.9
baz=220					
TPNV	Topopah Spring	3.02 39	IAML	02 59 54.1	
MDBP	Devils Postpil	3.03 353	Pn	02 58 58.2	-0.1
MDBP	Devils Postpil	3.03 353	IAML	02 59 44.6	
comp=N,24nm,0.5s					
SAO	San Andreas Ge	3.13 314	Pn	02 59 00.1	+0.6
SHPR	Sheep Range	3.40 55	Pn	02 59 04.2	+1.0
SHPR	Sheep Range	3.40 55	IAML	03 00 02.9	
comp=E,13nm,0.6s					
LHV	Little Huntuon	3.62 2	Pn	02 59 06.5	+0.2
TPH	Tonopah	3.63 18	Pn	02 59 07.5	+0.9
CMB	Columbia Colle	3.69 338	IAML	02 59 07.9	+0.7
baz=11.4					
WAKR	Walker	3.93 351	Pn	02 59 11.6	+0.9
WAKR	Walker	3.93 351	IAML	03 00 16.4	
comp=N,13nm,0.9s					
WAKR	Walker	3.93 351	IAML	03 00 20.1	
comp=E,11nm,1.1s					
W13A	Hualapai Mount	3.93 82	Pn	02 59 10.6	-0.1
W13A					

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MPMC Manual Prospec, PAGB Antelope Grade, VOG Valley Oaks Go, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like W13A, WAKR Walker, RYN Ryan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NATX Nacogdoches, MIAR Mount Ida, MIAR Mount Ida, etc.

BEO 04 03:27:38.7,0.6,44.92N,22.37E,h9km,5km,ML1.5/7
BUC 04 03:27:39.1,0.3,44.93N,22.35E,h7km,5km,ml1.6/6,
12C-12D, Error ellipse: s-maj=1.7km s-min=1.4km
az=139.0,Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like HERR Herculan, RMGR Halanga-Turnu, etc.

BUC 04 03:27:41.8,0.2,44.98N,22.33E,h10km,1km,ml1.8/6,
18C-12D, Error ellipse: s-maj=1.6km s-min=1.4km
az=20.0,Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like HERR Herculan, RMGR Halanga-Turnu, etc.

NEIC 04 03:39:32.7,1.8,7.29S,0.09,121.18E,0.09,h549km,9km,
mb4,0/11, Error ellipse: s-maj=14.8km s-min=9.6km
az=137.0
IDC 04 03:39:32.9,0.8,7.22S,121.25E,h546km,9km,mb3,1/6,
mb1,3/4/1,mb1mx2,9.54,mb1mp4,2/11, Error ellipse:
s-maj=37.7km s-min=10.6km az=55.0
NOU 04 03:39:33.1,7.29S,121.22E,h541km,mb4,1, Flores Sea
ISC 04 03:39:32.6,0.6,7.27S,0.09,121.19E,0.09,h550km,n33,
o083/34,mb3,8/7, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, BATI Baumata, SOEI Soe, LUWI Luwik, JAGJ Banyuwa, etc.

KRNED 04 03:47:48.2 0.1, 42.50N:69.40E, mb2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay, KK31 Karatay, TAS Tashkent, etc.

JMA 04 04:21:45.8, 35.37N:133.74E, h11km, M0.5, Western Honshu

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

JMA 04 04:22:51.6:0.1, 36.93N:138.15E, h13km, M1.0, Eastern Honshu

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

IDC 04 04:29:01.4:11.0, 25:55S:70:30W, h0km, mb4.0/1

mb1 4.0/1, mb1mx3.4/18, mbtmp4.0/1, Error ellipse: s-maj=621.0km s-min=107.2km az=10.0

NEIC 04 04:29:04.1:2.26, 68S:0:05:70:90W, h56km, gkm, Error ellipse: s-maj=12.6km s-min=5.8km az=115.0

GUC 04 04:29:04.0:6.0, 26:78S:0:02:70:91W, h36km, KpM, L3.7

ISC 04 04:29:01.6:0.7, 26:87S:0:02:70:91W, h19km, 3km, n51, -154/62, 2C, Near coast of northern Chile

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AC01 Pan de Azucar, AC01 Copiap, AC01 Copiap, etc.

IDC 04 04:46:32.1:3.0, 52:97N:174:30W, h188km, 26km, mb3.4/10, mb1 3.7/13, mb1mx3.4/49, mbtmp4.0/13, Error ellipse: s-maj=22.8km s-min=14.5km az=172.0

ISC 04 04:46:33.2:0.6, 52:82N:171:174:13W, h200km, n208, r12/2/10, mb4.1/34, 1D, Andronof Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOWE Korovin West, KOPF Korovin Flat, ATKA Atka Island, etc.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, CMAR Chiang Mai Arr, JMAR comp=Z,76nm,18.7s, etc.

IDC 04 05:16:34.5:0.9, 16:59N:93:83W, h80km, 11km, mb4.1/26, mb1 4.3/26, mb1mx4.2/38, mbtmp4.4/26, MS3.6/5, Ms1 3.6/5, ms1mx3.3/21, Error ellipse: s-maj=21.2km s-min=9.9km az=52.0

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMIG 8um,0.3s,baz=274, etc.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like Z38A Mt. Pleasant, 656A Williston, Z41A Mt. Pleasant, etc.

PGC 04 05:15:35.6:1.4, 50:50N:130:57W, h10km, ML, SN3.3/18, Mw3.9/18, 223km west of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 04 05:15:37.0:1.9, 50:44N:129:94W, h0km, mb3.6/2, mb1 3.3/8, mb1mx3.4/50, mbtmp3.3/8, ML3.1/6, MS3.3/7, Ms1 3.3/7, ms1mx3.0/41, Error ellipse: s-maj=30.2km s-min=15.0km az=86.0

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like HOLB Holberg, HGB4 Hotspring, PHC Port Hardy, etc.

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like HLIG Huaijuan de L, ARIG Arig, PNIG Pinotepa, etc.

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

ISC 04 05:15:35.9:1.1, 50:55N:0:07x130:48W:0:06, h14km, n52, r160:55, Vancouver Island region

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like Y52A Y52A, Y52A Y52A, Y52A Y52A, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KOLN, MK31, MKAR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NIL, WBO, HYB, WRAB, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KNK, SML, POKR, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like D08A, BZS, BZS, etc.

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

Table with columns: ARG, comp=N, 1283um, 0.8s, AML, AML, 06 43 59.1, etc. Lists various astronomical observations with parameters like station, time, and magnitude.

IDC 04 06:51:17.9-0.9, 4.68N, 125.40E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/41, mbtimp3.8/8, MS3.5/1, Ms1 3.4/1, ms1mx2.5/42, Error ellipse: s-maj=48.9km s-min=17.1km az=77.0

MAN 04 06:51:21.9, 4:53N x 125:42E, h49km, MS3.6

NEIC 04 06:51:24.4, 2.2, 4.55N, 0.03x125.28E:0.09, h53km, 8km, mb4.4/15, Error ellipse: s-maj=13.5km s-min=4.1km az=82.0

ISC 04 06:51:22.8-0.6, 4.51N, 0.05x125.33E:0.07, h35km, n38, s184/43, mb4.2/15, 2C, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station names and observation details for various locations like Bagumbayan, Davapawan, Kivao City, etc.

Table with columns: TTA, TTA, 80.84 27 P, Iamb, P, 07 03 33.1 +0.2, etc. Lists specific astronomical observations with station names and parameters.

IDC 04 07:05:28.6-0.8, 8.04N:141.62E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.4/36, mbtimp3.5/6, MS3.1/5, Ms1 3.1/5, mx1mx2.8/34, Error ellipse: s-maj=36.2km s-min=9.2km az=87.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station names and observation details for locations like Guam, Matsushiro, WAKE ISLAND, etc.

ANF 04 07:34:12.0-0.5, 44.48N:114.28W, h0km, ML4.3/11, Error ellipse: s-maj=6.4km s-min=3.6km az=109.0

IDC 04 07:34:11.3-0.5, 44.49N:114.32W, h0km, mb3.9/7, mb1 4.1/14, mb1mx3.8/48, mbtimp3.9/14, ML3.6/5, MS2.8/2, Ms1 2.8/2, ms1mx2.4/60, Error ellipse: s-maj=10.9km s-min=7.0km az=105.0

BUT 04 07:34:12.3-2.8, 44.48N:114.28W, h0km, mb3.6/6, ML4.1, mb4.1/8(NEIC), ML4.0/92(NEIC), Mw3.8/66(NEIC), Error ellipse: s-maj=6.2km s-min=3.4km az=125.0

NEIC 04 07:34:13.3, 44.50N:114.20W, h12km, Moment Tensor Solution, Moment tensor: Scale 10^14Nm; Mr=4.13; Mw=1.60; Ms=2.54; M=2.45; Mw=2.18; Mw=4.53; Fault plane solution: M6.660000*10^14 NP1=149.300000, 570.490000, -1.84.250000, NP2=312.520000, 820.300000, -1.105.790000, Principal axes: T: 6.6948, Plg25.00000, Azm235.00000; N: -0.0770, Plg5.0000, Azm327.00000; P: -6.6178, Plg64.0000, Azm69.0000

NEIC 04 07:34:13.6, 2.5, 4.53N:0.04:114.18W:0.05, h4km, 6km Error ellipse: s-maj=5.9km s-min=4.2km az=134.0

ISC 04 07:34:13.4-0.5, 44.60N:0.03:114.29W:0.03, h10km, n36, o179/144, mb4.0/8, Western Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station names and observation details for locations like Bear Canyon, Hailey, Kamias Ranch, etc.

Table with columns: G08A, G08A, 3.39 283 Pn, IAML, Pn, 07 35 08.2 +1.8, etc. Lists astronomical observations with station names and parameters for various locations like Pilot Rock, Boulder Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MOD Modoc Plateau, LKVV Lakeview, WVOR Wild Horse Val, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWGZ Tauwharepara, TOZ Tahuroa Road, KMRZ Kaimai, etc.

UCR 04 08:09:06.3.1.0, 7.65N-82.60W, h7km, 14km, MW3.6
UPA 04 08:09:08.2.1.4, 7.77N-82.59W, h10km, 7km, MW3.6

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CDITO Canoas, CDITO Canoas, REME3 Remedios, Chir, etc.

REN 04 08:32:33.7.2.4, 1.87N-0.03:119.63W, 0.02, h8km, 6km,
ML3.2/5, ML3.3/14(SEA), ML2.8/27(NEIC), Error ellipse:
s-maj=4.8km s-min=1.5km az=162.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSVF Nonsavu, GLKZ Green Lake, NIUE Niue, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAJ Ashikaga, UNV Unalaska Valle, PEAOB Petropavlovsk, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MURC Murrieta, BFSC Mount Baldy Ra, KHMM House Mountain, etc.

4d 8h

2015 JAN

002D	Mt. Diablo Mer	80.19	40	P	P	08 51 20.1 +1.5
IKP	In-Ko-Pah, Jac	80.20	49	P	P	08 51 19.5 +0.7
ISA	Isabella Lake	80.24	46	P	P	08 51 19.7 +0.8
ISA	Isabella, Lake	80.24	46	P	P	08 51 19.7 +0.8
CMB	Columbia Colle	80.37	43	P	P	08 51 20.4 +0.8
TPFO	Pinon Flats	80.47	48	P	P	08 51 21.1 +0.8
SWSC	Sam W. Stewart	80.58	49	P	P	08 51 21.7 +1.1
LRMC	Laurel Mtn Rad	80.67	46	P	P	08 51 22.1 +0.8
N02D	Trinity Center	80.73	39	P	P	08 51 23.0 +1.6
003E	Paynes Creek	80.85	40	P	P	08 51 22.7 +0.7
M02C	Callahan	80.90	39	P	P	08 51 23.8 +1.6
CWC	Cottonwood Cre	80.94	45	P	P	08 51 23.5 +0.9
L02E	Cave Junction	80.95	38	P	P	08 51 23.7 +1.3
BELC	Belle Mtn. Jos	81.01	48	P	P	08 51 24.0 +0.9
MPMC	Manual Prospec	81.12	46	P	P	08 51 24.6 +0.9
MLAC	Mammoth, Mammo	81.13	44	P	P	08 51 25.1 +1.3
GSC	Goldstone, Bar	81.16	47	P	P	08 51 24.6 +0.8
GSC	Goldstone, Bar	81.16	47	P	P	08 51 24.7 -0.1
TIN	Tinemaha, Big	81.19	45	P	P	08 51 23.8 +0.9
YBH	Yreka Blue Hor	81.20	39	P	P	08 51 25.1 +1.3
YBH	Yreka Blue Hor	81.20	39	P	P	08 51 23.9 +0.2
BC3	Big Chuckawall	81.20	49	P	P	08 51 25.2 +1.2
HEC	Hector, Ludlow	81.22	47	P	P	08 51 24.9 +0.9
WAKR	Walker	81.25	43	P	Iamb	08 51 24.6 +0.3
K02D	Willamette Mer	81.25	38	P	P	08 51 24.8 +0.8
J01E	Myrtle Point	81.40	37	P	P	08 51 25.5 +0.9
BEKE	Becworth	81.48	41	P	P	08 51 25.8 +0.5
PNTR	Pine Nut	81.49	42	P	Iamb	08 51 26.2 +0.7
PNTR	Pine Nut	81.49	42	P	Iamb	08 51 27.3
VCNR	Virginia City	81.58	42	P	P	08 51 26.1 +0.2
HUMO	Hull Mountain	81.60	38	P	Iamb	08 51 26.9 +1.2
HUMO	Hull Mountain	81.60	38	P	Iamb	08 51 28.1
GMRC	Granite Mounta	81.67	48	P	P	08 51 27.2 +0.8
IRM	Iron Mountain	81.69	49	P	P	08 51 27.5 +1.1
LHV	Little Huntoon	81.70	44	P	P	08 51 27.3 +1.0
GRAC	Grapevine Rang	81.73	45	P	P	08 51 27.5 +1.0
L04D	Klamath Falls	81.74	39	P	P	08 51 27.5 +0.9
M04C	Macdoel	81.74	39	P	P	08 51 27.8 +1.2
FURC	Furnace Creek,	81.77	46	P	P	08 51 27.3 +0.7
SHOC	Shoshone, Teco	81.85	47	P	P	08 51 27.6 +0.4
RYN	Ryan	81.91	43	P	P	08 51 27.8 +0.2
NVAR	Minna Array Bay	81.93	44	P	P	08 51 28.3 +0.5
104D	Drain, Or	82.07	37	P	P	08 51 29.1 +1.1
213A	Organ Pipe Nat	82.20	52	P	P	08 51 30.3 +1.2
TPH	Toponah	82.43	44	P	P	08 51 30.8 +0.5
TPNV	Toponah Spring	82.45	46	P	P	08 51 31.3 +0.9
PDMC1	Parker Dam, Lak	82.47	49	P	P	08 51 31.6 +1.3
J04D	Umpqua Nationa	82.48	38	P	P	08 51 31.6 +1.2
CN2	Changchun	82.50	323	eP	pmx	08 51 30.1 -0.1
CN2	Changchun	82.50	323	eP	pmx	08 51 30.1 -0.1
I04A	Tendick Farm,	82.66	37	P	P	08 51 31.8 +0.8
MOD	Modoc Plateau	82.73	40	P	P	08 51 32.0 +0.4
MOD	Modoc Plateau	82.73	40	P	Iamb	08 51 33.3
KLR	Kul'dur	82.84	330	P	P	08 51 32.5 +0.7
H04D	Lebanon	82.93	37	P	P	08 51 33.6 +1.3
J05D	Fort Rock, OR	83.02	38	P	P	08 51 34.3 +1.2
H04A	Detroit Lake	83.34	37	P	Iamb	08 51 34.9 +0.5
PINE	Pine Mountain	83.49	38	P	Iamb	08 51 36.4 +0.9
PINE	Pine Mountain	83.49	38	P	Iamb	08 51 37.0
I05D	Terrebonne, OR	83.60	37	P	P	08 51 36.8 +1.0
R11A	Troy Canyon, C	83.66	45	P	P	08 51 37.1 +0.7
BRLK	Bradley Lake	83.81	14	P	P	08 51 35.8 -0.6
TUC	Tucson	83.87	52	P	P	08 51 39.0 +1.5
MA2	Magadan	84.31	345	P	P	08 51 38.0 -0.9
I07A	Ize	84.50	38	P	Iamb	08 51 40.5 +0.2
I07A	Ize	84.50	38	P	Iamb	08 51 42.1
D03D	Eldon	84.64	34	P	P	08 51 41.8 +1.0
U15A	North Rim	84.86	48	P	Iamb	08 51 43.1 +0.7
U15A	North Rim	84.86	48	P	Iamb	08 51 44.4
WUAZ	Wupatki	85.04	49	P	P	08 51 44.8 +1.6
RC01	Rabbit Creek A	85.25	14	P	P	08 51 43.0 -0.4
SUA	Susitna One	85.37	13	P	Iamb	08 51 43.2 -0.9
SUA	Susitna One	85.37	13	P	Iamb	08 51 44.1
G08A	Pilot Rock	85.53	38	P	P	08 51 45.8 +0.5
G08A	Pilot Rock	85.53	38	P	Iamb	08 51 46.9
A04D	Lummi Island	85.59	33	P	P	08 51 46.6 +1.3
B05A	Bryant	85.62	34	P	P	08 51 46.2 +0.7
TTA	Tatalina	85.74	10	P	Iamb	08 51 45.9 +0.1
TTA	Tatalina	85.74	10	P	Iamb	08 51 47.2
GHO	Glory Hole Cre	86.04	14	P	P	08 51 46.6 -0.7
SCM	Chulitna	86.32	13	P	P	08 51 47.7 -0.7
CUT	Sheep Creek Mo	86.45	14	P	P	08 51 48.5 -0.7
N25K	Chitina, Valde	86.91	16	P	P	08 51 51.1 -0.3
SEY	Seymour	86.93	347	P	P	08 51 50.8 -0.5
ME4K	Tolsona, Glenn	86.96	15	P	P	08 51 51.4 -0.2
HLID	Halley	87.24	41	P	P	08 51 54.3 +0.8
MNT3	Neumayer Olymp	87.48	176	P	P	08 51 53.4 -0.6
VNA3	Cornudas Mount	87.63	55	P	P	08 51 56.0 +0.6
MCK	McKinley	87.78	13	P	P	08 51 54.5 -0.8
VNA2	Neumayer-Watz	87.91	177	P	P	08 51 56.0 -0.1
ANMO	Albuquerque	88.30	51	P	P	08 51 58.9 +0.2
L26K	Log Cabin Wild	88.43	15	P	P	08 51 58.1 -0.3
NEA2	Nenana	88.52	12	P	P	08 51 57.3 -1.5
MLY	Manley	88.59	11	P	P	08 51 57.7 -1.5

HDA	Harding Lake	88.80	13	P	P	08 51 58.9 -1.1
TCOL	CIGO, UAF Yank	89.01	13	P	P	08 51 60.0 -1.0
SCRK	Sand Creek	89.08	15	P	P	08 52 01.2 -0.4
ILAR	Eielson Array	89.13	13	P	P	08 52 00.5 -1.0
ILAR	Eielson Array	89.13	13	P	P	08 55 43.0 +0.8
KMI	Kumming	89.15	297	P	pmx	08 52 04.2 +1.3
LAMP	Lampang	89.22	290	P	P	08 52 05.4 +2.3
POKR	Poker Plat Res	89.32	13	P	P	08 52 01.2 -1.2
S22A	4UR Ranch, Cre	89.32	49	P	P	08 52 04.0 +0.5
REDW	Red Top Meadow	89.34	42	P	Iamb	08 52 04.0 +0.6
REDW	Red Top Meadow	89.34	42	P	Iamb	08 52 04.8
HHC	Hu-ho-ho-te	89.43	315	eP	pmx	08 52 06.0 +2.3
HHC	Hu-ho-ho-te	89.43	315	eP	pmx	08 52 06.0 +2.3
O20A	White River Cr	89.46	46	P	P	08 52 04.4 +0.4
K27K	Chicken	89.59	15	P	P	08 52 04.1 +0.4
CM04	Chiang Mai Arr	89.75	290	P	P	08 52 07.1 +1.6
CM05	Chiang Mai Arr	89.78	290	P	P	08 52 07.0 +1.3
CMAR	Chiang Mai Arr	89.80	290	P	P	08 52 07.2 +1.4
CM13	Chiang Mai Arr	89.82	290	P	P	08 52 07.0 +1.2
CM13	Chiang Mai Arr	89.82	290	P	P	08 52 07.5 +1.7
BW06	Boulder Array	89.87	43	P	P	08 52 05.9 +0.1
BW06	Boulder Array	89.87	43	P	Iamb	08 52 06.0 +0.2
PDAR	Pinedale Array	89.87	43	P	P	08 52 05.8 0.0
CMMT	Chiang Mai	89.93	290	P	P	08 52 07.5 +1.1
CBMZ	Boban (W)	90.00	40	P	P	08 52 06.7 +0.5
H17A	Grant Village	90.03	42	P	P	08 52 08.9 +2.3
SDCO	Great Sand Dun	90.25	49	P	P	08 52 07.9 +0.1
DAWY	Dawson	90.29	16	P	P	08 52 06.9 -0.1
COLD	Coldfoot	90.67	11	P	P	08 52 08.9 +0.3
T25A	Trinidad	90.76	50	P	P	08 52 10.2 +0.1
N23A	Red Feather La	91.37	46	P	P	08 52 14.0 +1.1
TOLK	Toolik Lake Re	92.05	10	P	P	08 52 14.6 -0.4
YAK	Yakutsk	92.55	338	P	P	08 52 16.2 -1.1
LZH	Lanzhou	92.73	308	P	P	08 52 19.1 0.0
LZH	Lanzhou	92.73	308	P	P	08 52 19.5 +0.1
LZH	Lanzhou	92.73	308	P	P	08 55 11.4 -2.2
LZH	Lanzhou	92.73	308	P	P	08 56 13.2 +2.0
LZH	Lanzhou	92.73	308	P	pmx	08 56 13.2 +2.0
A21K	Barrow	93.53	7	P	P	08 52 21.2 -0.5
SONM	Songino Array	95.90	319	P	P	08 52 34.8 +1.6
GTA	Goatai	96.97	309	eP	pmx	08 52 38.8 +0.6
GTA	Goatai	96.97	309	eP	pmx	08 52 38.8 +0.6
YKA	Yellowknife Ar	97.39	25	P	P	08 52 38.8 -0.5
ZALV	Zalesovo Balm	110.67	321	P	P	08 57 33.4 -1.7
MKAR	Makanchi Array	111.26	313	P	P	08 53 43.0 +1.6
MKAR	Makanchi Array	111.26	313	P	P	08 57 35.0 -1.6
KSH	Kashi	114.81	305	P	P	08 57 45.8 +2.1
KSH	Kashi	114.81	305	P	P	08 58 57.5 +4.9
GEYT	Alibek	128.67	302	P	P	08 58 07.9 -0.6
ARCES	ARCCESS Array B	129.50	349	P	P	08 58 09.9 -1.0
KLMR	Klimovskoe	132.28	336	P	P	08 58 13.7 -2.6
KLMR	Klimovskoe	132.28	336	P	P	08 58 14.7
KLMR	Klimovskoe	132.28	336	P	P	09 00 49.6 +2.5
FINES	FINESS Array B	136.28	343	P	P	08 58 22.1 -1.7
NB2	NORSAR Subarray	139.60	353	P	P	08 58 21.4 -8.5
NOA	NORSAR Array B	139.60	353	P	P	08 58 20.9
NOA	NORSAR Array B	139.60	353	P	P	08 58 29.5 -0.4
NOA	NORSAR Array B	139.60	353	P	P	09 01 13.8 -0.1
MNK	Minsk	141.18	335	P	P	08 58 31.7 -1.2
MNK	Minsk	141.18	335	P	P	08 58 31.7 -1.2
MNK	Minsk	141.18	335	P	P	08 58 31.7 -1.2
MNK	Minsk	141.18	335	P	P	09 00 42.4 +1.3
MNK	Minsk	141.18	335	P	P	09 01 02.0 -1.6
MNK	Minsk	141.18	335	P	P	09 04 21.1
MNK	Minsk	141.18	335	P	P	09 04 31.3 -2.0
MNK	Minsk	141.18	335	P	P	09 14 12.0 -3.8
MNK	Minsk	141.18	335	P	P	10 01 42.5
MNK	Minsk	141.18	335	P	P	10 01 53.4
SUW	Suwalki	143.28	338	P	P	08 58 34.3 -0.4
AKASG	Malin Array Ba	143.34	330	P	P	08 58 34.0 -1.0
AKASG	Malin Array Ba	143.34	330	P	P	09 01 21.8 -1.8
SORM	Soroca	145.49	328	P	P	08 58 40.6 0.0
EKBB	Eskdalemuir Ar	145.75	5	P	P	08 58 42.0 -0.5
IEL	Ielsk	145.90	328	P	P	08 58 43.3 +0.3
MILM	Mileofci Mici	146.05	326	P	P	08 58 42.7 0.7
BSEG	Bad Segeberg	146.62	350	P	P	08 58 44.3 -0.6
VASR	Vaslui	146.76	326	P	P	08 58 45.5 -0.1
BR131	Beskin Array B	146.87	311	P	P	08 58 45.6 -0.7
BRTR	Beskin Array B	146.87	311	P	P	08 58 45.6 -0.7
KWP	Kalwarja Parka	146.97	334	P	P	08 58 45.8 -0.2
KWP	Kalwarja Parka	146.97	334	P	P	08 58 48.8 -0.4
FRAR	RASCA	147.07	323	P	P	08 58 46.1 -0.3
FRAR	RASCA	147.07	323	P	P	08 58 46.3 -0.2
RUE08	Ruedersdorf	147.34	346	P	P	08 58 46.5 0.4
BUR08	Bucovina Ar. S	147.37	330	P	P	08 58 47.1 -0.2
BUR08	Bucovina Array	147.37	330	P	P	08 58 47.5 +0.2
BIZ	Bischofsheim	147.42	328	P	P	08 58 47.8 -0.8
TESR	Tescani	147.44	327	P	P	08 58 46.8 -0.6
CFR	Caraliu	147.51	324	P	P	08 58

MOY	comp=N,11nm,1.5s	8.77 245	ePn	Pn	10 39 21.7 +0.7
MOY	comp=N,44nm,1.6s		eS	Sn	10 40 05.2
MOY			eSg	Sg	10 40 56.6 -3.3
MOY			eS	Sg	10 41 44.0 -1.1
MOY			eSmax	Smax	10 41 58.6
MOY	comp=N,155nm,1.6s	8.77 245	ePn	Pn	10 39 21.3 +0.3
MOY			eS	Sn	10 39 52.9
MOY			eS	Sg	10 40 56.5 -3.3
MOY			e	Sg	10 41 43.6
MOY	comp=Z,29nm,1.4s		ePmax	Pmax	
MOY	comp=N,155nm,1.6s		eSmax	Smax	
ORL	Orlik	8.92 252	ePn	Pn	10 39 23.4 +0.3
ORL			e	Pg	10 39 34.7
ORL			ePg	Pg	10 39 53.5 -1.1
ORL			ePmax	Pmax	10 40 10.9
ORL	comp=N,16nm,1.3s		eS	Sg	10 40 59.3 -4.3
ORL			eSg	Sg	10 41 44.8 -1.2
ORL			eSmax	Smax	10 42 05.5
ORL	comp=N,148nm,1.6s	8.92 252	ePn	Pn	10 39 23.3 +0.2
ORL			eS	Sn	10 39 53.7
ORL			e	Sn	10 40 59.7 -3.9
ORL			e	Sg	10 41 46.7
ORL	comp=Z,16nm,0.9s		ePmax	Pmax	
ORL	comp=N,110nm,1.6s		eSmax	Smax	
ULN	Ulaanbaatar	9.24 210	iP	Pn	10 39 27.6 +0.2
ULN			ePmax	Pmax	
SONM	Songino Array	9.45 212	Pn	Pn	10 39 31.5 +1.1
SONM	comp=Z,0.3nm,0.3s,baz=26,slow=17,SNR=2.8		Lg	Lg	10 42 08.2
YAK	Yakuts	10.09 47	Lg	Lg	10 42 24.2
YAK	comp=Z,0.1nm,0.3s,baz=145,slow=23,SNR=7.2		eP	Pn	10 39 32.0 -6.9
YAK			eP	Pn	
YAK	comp=Z,6.0nm,1.1s		ePmax	Pmax	
YAK	comp=N,1.0nm,1.1s		eP	Pmax	
YAK	comp=E,2.0nm,1.1s		ePmax	Pmax	
YAK	comp=N,43nm,1.1s		ePmax	Pmax	
KLR	Kul'dur	12.86 115	Pn	Pn	10 40 19.6 +2.7
KLR	comp=N,0.2nm,0.3s,baz=11,slow=5.2,SNR=3.6		Lg	Lg	10 43 53.1
KLR	comp=N,0.1nm,0.3s,baz=126,slow=8.1,SNR=5.1		LR	LR	10 44 43.9
USRK	comp=N,50nm,21.1s,baz=278,slow=35		LR	LR	10 47 51.1
USRK	Ussuriysk Ar.	16.60 128	LR	LR	
USRK	comp=N,66nm,18.2s,baz=39,slow=38		LR	LR	10 47 51.1
ZALV	Zalesovo Beam	16.70 275	Pn	Pn	10 41 08.0 +0.1
ZALV	comp=N,0.2nm,0.3s,baz=71,slow=9.6,SNR=4.3		Lg	Lg	10 46 00.1
ZALV	comp=N,0.1nm,0.3s,baz=77,slow=28,SNR=6.3		LR	LR	10 47 08.1
ZALV	comp=N,19nm,21.9s,baz=160,slow=36		P	P	10 41 10.5 +0.2
ZALV	Zalesovo Beam	16.70 275	iP	P	
ZALV			ePmax	Pmax	
TIXI	Tiksi	16.86 16	eP	Pn	10 41 07.4 -2.4
NRK	Noril'sk	17.69 329	P	Pn	10 41 16.9 -3.3
GTA	Gaota	19.10 215	eP	Pn	10 41 38.6 +0.8
GTA			eP	Pn	10 41 41.7 0.0
GTA			eP	Pn	10 41 44.6 +4.4
SEY	Seymchan	20.46 55	iP	Pn	10 41 52.9 +1.4
KSR5	Korea Array	20.94 147	LR	LR	10 50 49.9
KSR5	comp=Z,45nm,19.1s,baz=39,slow=39		LR	LR	
KURK	Kurchatov	21.49 270	P	P	10 42 04.3 +1.7
MKAR	Makanchi Array	21.56 258	P	P	10 42 04.5 +0.9
MKAR	comp=Z,1.1nm,0.7s,baz=59,slow=9.6,SNR=12		LR	LR	10 50 34.8
MKAR	comp=Z,53nm,20.4s,baz=34,slow=37		LR	LR	
MKAR	Makanchi Array	21.56 258	eP	P	10 42 07.3 +3.8
MKAR			ePmax	Pmax	
KURB5	Kurchatov Arra	21.56 270	P	P	10 42 04.3 +0.7
KURB5	comp=Z,3.1nm,0.7s,baz=86,slow=12,SNR=12		P	P	
BRVK	Borovyoye	25.09 281	iP	Pmax	10 42 40.8 +2.2
BRVK			ePmax	Pmax	
MJAR	comp=Z,2.0nm,0.9s	25.59 130	LR	LR	10 51 52.9
MJAR	Matsushiro Arr	25.77 197	LR	LR	
MJAR	comp=Z,37nm,19.7s,baz=240,slow=34		LR	LR	10 52 21.7
JNU	Nakatsue	25.85 146	LR	LR	
JNU	comp=Z,32nm,21.7s,baz=2.0,slow=35		P	P	10 42 51.7 +1.6
BILL	Bilibino	26.38 42	iP	P	10 43 09.7 +0.2
AAK	Ala-Archa	28.49 259	ePmax	Pmax	
AAK			ePmax	Pmax	
OBN	comp=Z,2.0nm,1.1s	41.49 302	eP	P	10 45 04.0 +3.2
OBN	Obninsk		ePmax	Pmax	
FINES	FINES Array B	42.51 315	P	P	10 45 09.0 -0.2
FINES	comp=Z,8.3nm,1.1s,baz=89,slow=14,SNR=2.3		P	P	
FINES	FINES Array B	42.51 315	P	P	10 45 09.0 -0.2
ILAR	Eielson Array	44.80 37	P	P	10 45 25.5 -2.1
ILAR	comp=Z,0.1nm,0.9s,baz=307,slow=6.6,SNR=1.9		P	P	
YKA	Yellowknife Ar	55.88 25	P	P	10 46 51.2 -0.1
ESDC	Sonsecsa Array	71.02 314	P	P	10 48 33.1 +1.2
ESDC	comp=Z,0.5nm,0.7s,baz=30,slow=7.2,SNR=4.2		P	P	

LKWY	Lake	2.72 86	Pn	Pn	10 48 40.4 +1.4
LKWY			iAML	AML	10 49 24.6
HRH	Holter Researc	2.74 37	Pn	Pn	10 48 40.6 +1.5
LOHW	Long Hollow	2.75 108	Pn	Pn	10 48 41.4 +2.0
LOHW			iAML	AML	10 49 21.7
AHID	Auburn Hatcher	2.86 127	Pn	Pn	10 48 42.1 +1.2
YMP	Mirror Lake Pl	2.89 84	Pn	Pn	10 48 43.9 +2.4
HVU	Hansel Valley	2.94 159	Pn	Pn	10 48 43.0 +1.0
YNE	Yellowstone No	3.02 80	Pn	Pn	10 48 44.8 +1.6
JTMT	Jette	3.21 359	Pn	Pn	10 48 47.1 +1.4
JTMT			iAML	AML	10 49 44.3
JTMT	comp=N,70nm,0.4s		iAML	AML	10 49 44.8
JTMT	comp=E,109nm,0.4s		iAML	AML	10 49 54.2
E09A	Wood Farm, Sta	3.41 307	Pn	Pn	10 48 51.2 +3.0
E09A			iAML	AML	10 49 54.2
GCMT	comp=N,41nm,1.4s	3.44 67	Pn	Pn	10 48 50.5 +1.6
G08A	Pilot Rock	3.46 284	Pn	Pn	10 48 51.7 +2.5
SPUT	South Promonto	3.47 158	Pn	Pn	10 48 51.6 +2.4
HWUT	Hardware Ranch	3.50 146	Pn	Pn	10 48 52.7 +3.0
HWUT			iAML	AML	10 49 49.4
RLMT	comp=E,45nm,0.7s	3.56 79	Pn	Pn	10 48 51.0 +0.4
RLMT	Red Lodge		iAML	AML	10 49 55.1
RLMT	comp=E,84nm,0.7s		Pn	Pn	10 48 54.5 +2.0
BGU	Big Grassy Mou	3.71 166	Pn	Pn	10 48 55.9 +2.0
BW06	Boulder Array	3.80 116	Pn	Pn	10 48 55.1 +2.2
PD31	Pinedale Array	3.80 116	Pn	Pn	10 48 57.4 +3.4
PDAR	Pinedale Array	3.80 116	Pn	Pn	10 48 57.4 +3.4
PDAR	comp=N,0.4nm,0.3s,baz=301,slow=10,SNR=46		Lg	Lg	10 49 49.9
PDAR	comp=E,1.0nm,0.3s,baz=312,slow=28,SNR=4.7		Lg	Lg	
IO7A	Izeze	3.83 265	iAML	AML	10 48 56.1 +1.9
IO7A			iAML	AML	10 50 07.1
WVOR	Wild Horse Val	3.85 239	Pn	Pn	10 48 55.5 +1.0
WVOR			iAML	AML	10 50 09.7
ELK	Elko	3.86 192	Pn	Pn	10 48 55.8 +1.1
ELK	comp=N,1.7nm,0.3s,baz=9.2,slow=14,SNR=23		Pg	Pg	10 49 01.5 -1.8
ELK	comp=N,2.0nm,0.3s,baz=4.6,slow=16,SNR=48		Lg	Lg	10 49 50.3
ELK	comp=N,13nm,0.3s,baz=163,slow=9.3,SNR=18		iAML	AML	10 48 56.7 +2.0
ELK			iAML	AML	10 49 52.5
ELK	comp=N,37nm,0.8s		iAML	AML	10 49 54.4
E08A	Dider Farm, El	3.94 302	Pn	Pn	10 48 57.2 +1.7
TCU	Toone Canyon	3.98 148	Pn	Pn	10 49 00.1 +1.4
D08A	Wollman Farm,	4.16 309	Pn	Pn	10 49 00.1 +1.6
HAWA	Hanford	4.19 298	Pn	Pn	10 49 01.2 +2.2
CTU	Camp Tracy	4.24 154	Pn	Pn	10 48 59.5 -0.3
NEW	Newport	4.24 333	Pn	Pn	10 49 00.6 +0.8
NEW	comp=N,2.7nm,0.3s,baz=147,slow=11,SNR=30		Lg	Lg	10 50 08.2
NEW	comp=N,8.5nm,0.3s,baz=94,slow=20,SNR=12		Pn	Pn	10 49 01.5 +1.8
NEW	Newport	4.24 333	Pn	Pn	10 50 16.1
NEW	comp=N,39nm,1.2s		iAML	AML	10 50 16.1
C09A	Christman Ranch	4.32 321	Pn	Pn	10 49 03.4 +2.5
JLU	Jordanee	4.42 152	Pn	Pn	10 48 05.3 +2.9
DUG	Dugway, Toeole	4.46 166	Pn	Pn	10 49 13.5 +0.3
DUG			iAML	AML	10 50 21.0
DUG	comp=N,27nm,1.0s		iAML	AML	10 50 24.0
E07A	Sunnyside	4.46 299	Pn	Pn	10 49 05.7 +3.0
E07A			iAML	AML	10 50 23.0
E07A	comp=E,24nm,0.6s		Pn	Pn	10 50 29.4 +1.6
WALA	Waterton Lakes	4.53 2	Pn	Pn	10 50 26.9
WALA	comp=N,39nm,0.9s		iAML	AML	10 50 28.8
WALA	comp=N,24nm,1.1s		Pn	Pn	10 49 06.0 +0.6
EGMT	Eagleton	4.66 40	Pn	Pn	10 49 10.6 +2.5
NLU	North Lily Min	4.84 160	Pn	Pn	10 49 10.0 +1.1
MPU	Maple Canyon	4.90 156	Pn	Pn	10 49 11.3 +2.3
PINE	Pine Mountain	4.91 264	Pn	Pn	10 50 22.2
PINE			iAML	AML	10 51 04.8
PINE	comp=N,17nm,4.7s		iAML	AML	10 51 04.8
MOD	Modoc Plateau	5.18 242	Pn	Pn	10 49 15.2 +2.5
K05A	Summer Lake	5.18 252	Pn	Pn	10 49 15.5 +0.6
K05A			iAML	AML	10 49 55.0
K05A	comp=E,19nm,4.6s		iAML	AML	10 52 38.2
B08A	comp=N,14nm,4.8s	5.22 319	Pn	Pn	10 49 14.3 +1.2
B08A	Colville Reser		iAML	AML	10 50 50.6
B08A	comp=N,15nm,1.2s		iAML	AML	10 50 55.2
RDMU	Red Mountain	5.23 138	Pn	Pn	10 49 13.6 0.0
LTY	Liberty	5.27 303	Pn	Pn	10 49 15.9 +1.9
LTY			iAML	AML	10 50 53.6
LTY	comp=N,12nm,2.4s		iAML	AML	10 51 04.0
LAO	LASA Array	6.00 66	Pn	Pn	10 49 24.1 +0.2
PSUT	Pine Spring	6.00 177	Pn	Pn	10 49 25.6 +1.5
SRU	San Rafael Swe	6.07 152	Pn	Pn	10 49 27.1 +2.0
O20A	White River Ci	6.23 133	Pn	Pn	10 49 29.0 +1.8
R11A	Troy Canyon, C	6.27 190	Pn	Pn	10 49 29.7 +1.3
BEKR	Beckworth	6.53 227	Pn	Pn	10 49 31.7 +0.4
RYN	Ryan	6.73 210	Pn	Pn	10 49 36.3 +2.2
YBH	Yreka Blue Hor	6.83 249	Pn	Pn	10 49 36.9 +1.6
NVAR	comp=N,0.1nm,0.3s,baz=66,slow=12,SNR=2.7		Pn	Pn	10 49 37.2 +1.7
NVAR	Mina Array Bea	6.83 208	Pn	Pn	10 49 37.2 +1.7
NVAR	comp=E,0.1nm,0.3s,baz=30,slow=9.3,SNR=2.5		Lg	Lg	10 51 26.8
TPH	Topopah	6.84 242	Pn	Pn	10 49 38.8 +3.1
LHV	Little Hootoon	7.06 209	Pn	Pn	10 49 41.6 +3.2
PRN	Pahroc Range	7.15 185	Pn	Pn	10 49 41.3 +1.5
PV11	David Mesa, Pa	7.40 145	Pn	Pn	10 49 44.8 +1.5
YKA	Yellowknife Ar	18.00 359	P	P	10 52 03.4 -1.6
YKA	comp=N,0.0nm,0.3s,baz=173,slow=13,SNR=4.4		P	P	

QUOK	Quay	1.50 135	Pn	Pn	10 56 07.2 +0.5
OK031	S. Brethren Rd	1.59 143	Pn	Pn	10 56 08.9 +0.8
OK030	Cody Creek RV	1.64 143	Pn	Pn	10 56 08.7 0.0
OK025	Westminster Rd	1.74 162	Pn	Pn	10 56 11.2 +1.0
OKCFA	Oklahoma City	1.86 166	Pb	Pb	10 56 14.2 0.0
OKCFA			iAmb_Lg	AMB_LG	10 56 40.4
CBKS	comp=Z,201nm,0.9s	2.08 319	P	P	10 56 15.6 +0.7
CBKS	Cedar Bluff		S	S	10 56 42.7 +1.8
CBKS	baz=139,SNR=59		P	Pn	10 56 45.7 +1.8
CBKS	comp=Z,139	2.08 319	P	Pn	10 56 15.5 +0.7
CBKS	Cedar Bluff	2.08 319	P	Pn	10 56 15.3
CBKS	baz=139,SNR=93		S	S	10 56 42.5
KSU1	comp=Z,291nm,0.8s	2.16 30	P	Pn	10 56 17.1 +1.4
KSU1	Kansas State U		S	S	10 56 45.5 +2.8
KSU1	baz=211,SNR=48		S	S	10 56 17.1 +1.4
KSU1	comp=Z,211	2.16 30	P	Pn	10 56 17.2 +1.4
KSU1	Kansas State U		iAmb_Lg	AMB_LG	10 56 51.1
KSU1	comp=Z,211,SNR=69	2.16 30	P	P	10 56 17.2
KSU1			S	S	10 56 45.3
W35A	W35A	2.28 156	Pn	Pn	10 56 18.2 +0.8
WMOK	Wichita Mounta	2.58 194	P	Pn	10 56 22.5 +0.9
WMOK	Wichita Mounta	2.58 194	P	Pn	10 56 22.5 +0.9
WMOK	Wichita Mounta	2.58 194	P	Pn	10 56 22.7
WMOK	Wichita Mounta</				

Table with columns: CCM, comp, IAMB_Lg, Time, Res, etc. Includes stations like Cathedral Cave, Washetta, Lake Charles, etc.

Table with columns: WCI, baz, S, Sn, Time, Res, etc. Includes stations like WCI, E28A, I42A, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like BCIY, HLID, MCMT, etc.

Table with columns: DRK, Karamyk, 1.03 113, Pg, 13 51 21.7 -1.7, ARU, baz=190, i, S, Sn, 14 01 35.9 +2.3, FIAO, FINES Array S, 15.81 275, P, Pn, 14 01 42.5 -3.9

MOS 04 13:58:02.9, 1.8, 64.48N, 60.33E, h10km, mb4.3/9, Error ellipse: s-maj=1.5km s-min=5.7km az=86.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SVUR, Severouralsk, 4.29 183, Op, ISC, Pn, 13 59 12.6 +3.2

Table with columns: ARU, baz=190, i, S, Sn, 14 01 35.9 +2.3, ARU, Arti, 8.12 188, d, P, Pn, 14 00 03.3 +1.4

Table with columns: FIAO, FINES Array S, 15.81 275, P, Pn, 14 01 42.5 -3.9, FIAO, FINES Array S, 15.81 275, P, Pn, 14 01 42.5 -3.9

IDD 04 17:08:47.8:1.8,0.93N:125.60E,h0km,mb3.5/3,
mb1 3.8/4,mb1mx3.3/4.1,mbtmp3.6/4,ML2.3/1,Error
ellipse: s-maj=119.5km s-min=23.8km az=67.0
DJA 04 17:08:55.3:1.3,1.1N:5.1E,h16km,12km,M4.2/12,
mb4.3/4,MLV4.2/12

ISC 04 17:08:48.8:1.6,0.9N:125.8E:0.1,h10km,n15,
#1517/14,mb3.4/3,Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TNTI	Ternate	1.56	96	Op	ISC	
KMSI	Cibinong	1.87	259	P	Pg	17 09 28.0 +9.1
GTOI	Gorontalo	2.82	264	P	Pn	17 09 19.7 -1.2
SANI	Sanana	2.98	177	P	Pn	17 09 35.3 +0.1
LWUI	Luwuk	3.62	237	P	Pn	17 09 45.7 +0.7
MPSI	Marisa	3.90	263	P	Pn	17 09 58.5 +0.2
APSI	Ampana	4.55	246	P	Pn	17 09 58.5 +0.7
MPSI	Mapaga	5.94	264	P	Pn	17 10 16.8 -0.2
TTSI	Tana Toraja	7.18	236	P	Pn	17 10 34.5 +0.5
SPSI	Sidrap Palu	7.76	231	P	Pn	17 10 42.1 +0.1
BNSI	Bone	7.79	227	P	Pn	17 10 41.7 -0.6
FITZ	Fitzroy Crossi	19.32	181	P	P	17 13 08.4 -1.6
WRA	Warramunga Arr	26.28	159	P	P	17 13 47.3 -0.2
ASAR	Alice Springs	25.70	163	P	P	17 14 21.9 +2.5
MKAR	Makanchi Array	59.37	327	P	P	17 18 50.8 -0.3

NEIC 04 17:34:23.0:2.4,36.77N:123.05:141.48E:0.10,h10km,2km,
mb4.3/3,Error ellipse: s-maj=13.7km s-min=6.1km
az=100.0

JMA 04 17:34:34.0:0.1,36.79N:141.31E,h34km,2km,M4.3
JMA Feit 1J.1

NIED 04 17:34:34.8:36.79N:141.31E,h34km,M4.0,Moment
Tensor Solution. s3 Moment tensor: SCW4 1015N;
Mn=0.72; Mw=0.35; Ms=1.08; Mo=0.43; Ms1=1.7; Mr=0.30;
Fault plane solution: Mo1.100000+0.15 Np1;
#0338.00000°,#61.00000°,#-128.00000°. NP2:
#0217.00000°,#647.00000°,#-4.200000°

ISC 04 17:34:36.3:0.6,36.71N:141.27E,h27km,3km,mb3.7/15,
mb1 4.0/20,mb1mx3.8/4.1,mbtmp4.0/20,ML3.8/3,MS2.9/2,
Ms1 2.9/2,ms1mx2.5/3.9 Error ellipse: s-maj=14.8km
s-min=13.4km az=100.0

ISC 04 17:34:36.1:0.6,36.80N:141.27E:0.05,h28km,4km,
h65h,=146/74,mb4.3/27,Near east coast of eastern
Noumea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ONAJ	Iwakimizuishi	0.48	308	P	Sb	17 34 45.4 -0.8
JHO	Hitachi	0.60	251	S	Sn	17 34 52.3 -0.7
JHO	Hitachi	0.60	251	S	Sn	17 34 46.8 -1.8
JFDF	Fukushimafurud	0.64	297	P	Sn	17 34 47.5 -1.7
JFK	Kawauchi	0.64	331	P	Sn	17 34 47.6 -1.8
JFK	Kawauchi	0.64	331	P	Sn	17 34 56.2 -2.5
JHYU	Hitachinakyam	0.72	230	S	Sn	17 34 55.8 -1.8
JHYU	Hitachinakyam	0.72	230	S	Sn	17 34 58.4 -2.0
BKNI	Ofita	1.03	314	P	Pb	17 34 54.4 -0.9
JYT	Yasato	1.04	337	P	Pn	17 34 53.4 -1.3
JMM	Marumori	1.13	340	P	Pn	17 34 54.7 -1.2
JMM	Marumori	1.13	340	P	Pn	17 35 09.4 -1.1
JFY	Yanai	1.39	296	P	Pb	17 34 59.8 -1.6
MJAR	Matsushiro Arr	2.48	265	Pn	Pn	17 35 15.2 +0.7
MJAR	Matsushiro	2.48	265	Pn	Sb	17 35 46.2 -3.7
MAJO	Matsushiro	2.48	265	Pn	Pn	17 35 15.6 +1.1
MAT	Matsushiro	2.48	265	P	Pn	17 35 15.6 +1.1
MAT	Matsushiro	2.48	265	P	Sn	17 35 45.5 +1.7
MJB9	Matsuta-Tunnel	2.48	265	Pn	Pn	17 35 15.8 +1.2
Sado	Sado	2.69	298	Pn	Pn	17 35 17.6 +0.1
JSG	Saga	2.99	231	Pn	Pn	17 35 25.9 +0.3
JGF	Kuroka	3.38	250	Pn	Pn	17 35 28.8 +1.8
INU	Inuyama	3.74	248	Pn	Pn	17 35 33.7 +1.8
JHU2	Mitsune	3.87	198	Pn	Pn	17 35 32.2 -1.5
JHU	Hachioji jima 2	3.87	198	Pn	Pn	17 35 34.3 +0.6
JHU	Hachioji jima 2	3.87	198	Pn	Sn	17 36 19.3 +1.0
JTM	Tenmabayashi	3.98	158	Pn	Pn	17 35 37.5 +0.6
JWT	Wachi	4.19	254	Pn	Pn	17 35 41.2 +2.1
ERM	Erimo	5.41	115	Pn	Pn	17 35 54.0 0.0
JMN	Monobe	6.78	245	Pn	Pn	17 36 14.7 +1.0
JHS	Saijo	6.86	257	Pn	Pn	17 36 17.6 +2.9
ASAJ	Asahikawa	7.37	7	Pn	Pn	17 36 23.2 +1.4
JKA	Kamikaze-asahi	7.37	7	Pn	Pn	17 36 20.6 -1.2
JNU	Nakatsue	9.29	250	LR	LR	17 40 53.6
JCJ	Chichijima	9.71	175	Pn	Pn	17 36 51.4 -2.5
JCJ	Chichijima	9.71	175	Pn	Pn	17 36 51.7 -2.2
USRK	Ussuriysk Arr.	10.22	319	Pn	Pn	17 37 04.1 +3.4
KSRS	Korea Array	10.68	277	Pn	Pn	17 37 10.9 +3.8
KSRS	Korea Array	10.68	277	LR	LR	17 40 30.9
KLR	Kul dur	14.22	334	Pn	P	17 37 59.5 -3.0
ENH	Enshi	27.20	265	P	Iamb	17 40 16.8 -0.6
ENH	Enshi	27.20	265	P	Iamb	17 40 27.2
SONM	Songino Array	27.82	304	P	P	17 40 24.2 +1.3
SONM	Songino Array	27.82	304	P	P	17 40 32.0 +0.9
H1N2	WAKE ISLAND Hy	28.13	120	T	T	18 09 46.0
H1N1	WAKE ISLAND Hy	28.13	120	T	T	18 09 55.7
H1N3	WAKE ISLAND Hy	28.15	120	T	T	18 09 47.3
H1S1	WAKE ISLAND Hy	28.13	122	T	T	18 10 36.7
H1S2	WAKE ISLAND Hy	28.13	122	T	T	18 10 45.4
H1S3	WAKE ISLAND Hy	28.15	122	T	T	18 10 44.7
TIXI	Tiksi	35.50	353	P	Iamb	17 41 30.6 +0.8
TIXI	Tiksi	35.50	353	P	Iamb	17 41 32.9
SIJI	Sorong	38.62	196	P	P	17 41 56.5 -0.4
CMAR	Chiang Mai Arr	41.33	255	P	P	17 42 20.2 +0.7
ZALV	Zalesovo Beam	41.98	313	P	P	17 42 25.6 +1.2
ZALV	Zalesovo Beam	41.98	313	P	P	17 42 33.2 +0.4
MKAR	Makanchi Array	44.14	302	P	P	17 42 42.4 +0.4
MKAR	Makanchi Array	44.14	302	P	P	17 42 50.6 +0.1
MAKZ	Makanchi	45.33	302	P	Iamb	17 42 44.8 +1.1
MAKZ	Makanchi	45.33	302	P	Iamb	17 42 53.3
TAPN	Taplejung	45.84	274	P	P	17 42 56.1 0.0
ODAN	Odare	46.81	274	eP	P	17 43 00.2 +0.4
RAMM	Ramite	46.91	274	eP	P	17 43 04.6 +0.2
GUN	Gumba	47.06	276	eP	P	17 43 06.3 +0.5
PKI	Pulchok	47.59	276	eP	P	17 43 11.1 +1.3
PKN	Kakani	47.59	276	eP	P	17 43 10.7 +1.0
PKIN	Pulchok	47.59	276	eP	P	17 43 10.8 +1.0
GKN	Gorkha	48.02	277	eP	P	17 43 13.6 +0.7
DANN	Dangsing	48.56	277	eP	P	17 43 18.3 +1.0

comp=2.20nm,0.7s
ILAR Eielson Array 49.75 32 P P 17 43 26.5 +1.0
comp=2.0,9nm,0.8s,baz=270,slow=6.3,SNR=8.0

ILAR comp=2.2,3nm,0.7s,baz=268,slow=6.4,SNR=16 P P 17 43 34.8 +0.7

WRA Warramunga Arr 56.82 188 P P 17 44 17.3 -0.6
comp=2.1,7nm,0.5s,baz=6.5,slow=7.5,SNR=33

ASAR Alice Springs 60.55 188 P P 17 44 43.5 -0.4
comp=2.1,9nm,0.8s,baz=6.9,slow=8.1,SNR=16

YKA Yellowknife Arr 64.06 30 P P 17 45 07.6 +0.7
comp=2.0,6nm,1.1s,baz=310,slow=6.9,SNR=2.8

FINES ARCES Array B 64.17 339 P P 17 45 09.2 +1.7
comp=2.6,0nm,1.1s,baz=57,slow=6.6,SNR=1.2

FINES FINES Array B 68.95 332 P P 17 45 38.7 +0.5
comp=2.3,9nm,0.9s,baz=124,slow=2.5,SNR=3.3

FINES comp=2.3,9nm,0.9s,baz=124,slow=2.5,SNR=3.3 P P 17 45 47.5 +0.4

comp=2.3,2nm,0.7s,baz=62,slow=6.5,SNR=2.7 P P 17 46 11.1 -0.1

AKASG Main Array Be 74.41 322 P P 17 46 19.8 -0.3
comp=2.0,4nm,0.3s,baz=45,slow=6.0,SNR=6.0

AKASG comp=2.0,6nm,0.4s,baz=46,slow=6.1,SNR=4.3 P P 17 46 19.8 -0.3

NVAR Mina Array Be 75.22 53 P P 17 46 17.9 +1.5
comp=2.0,6nm,0.7s,baz=288,slow=14,SNR=4.1

NVAR comp=2.1,2nm,0.8s,baz=290,slow=6.5,SNR=4.0 P P 17 46 26.7 -3.1

PDAR Pinedale Array 77.91 45 P P 17 46 32.5 +1.0
comp=2.0,2nm,0.6s,baz=281,slow=5.1,SNR=2.6

PDAR comp=2.0,6nm,0.8s,baz=285,slow=2.9,SNR=4.0 P P 17 46 41.2 +0.8

GERES GERES Array B 82.85 328 P P 17 46 56.8 -1.0
comp=2.0,2nm,0.4s,baz=5.1,slow=5.5,SNR=1.9

IDD 04 17:46:34.0:1.7,4.36S:102.20E,h22km,6km,mb3.7/11,
mb1 3.9/11,mb1mx3.6/29,mbtmp3.9/11,MS3.0/2,
Ms1 3.0/2,ms1mx2.6/38,Error ellipse: s-maj=53.9km
s-min=14.1km az=59.0

DJA 04 17:46:35.1:0.4,5.3S:101.2E,h51km,15km,M4.6/22,
mb4.7/7,mb5.1/2,MLV4.6/22,Mv(mb)4.5/2,MvMwp4.9/1,
Mwp5.2/1

NEIC 04 17:46:36.4:1.3,4.44S:102.04E:0.10,h55km,13km,
mb4.6/9,Error ellipse: s-maj=16.2km s-min=8.7km
az=53.0

ISC 04 17:46:38.4:1.46S:102.06E,h40km,mb4.3
KLM 04 17:46:39.9:1.0,4.63S:101.10E:0.11,h37km,n60,
#1570/59,mb4.3/17,Southern Sumatra

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MNAI	Manna	1.18	77	Op	ISC	17 46 53.1 -0.7
MNAI	Manna	1.18	77	P	Pb	17 46 53.1 -0.7
MNAI	Manna	1.18	77	P	Pn	17 46 53.1 -0.7
KLSI	Kapathiang	1.54	16	P	Pn	17 46 59.3 +0.2
MNSI	Maura Aman, Be	1.54	16	P	Pn	17 46 59.3 +0.2
LHAI	Lahat	1.89	65	P	Pn	17 47 03.5 -0.1
LWLI	Liwa	2.19	60	Pn	Pn	17 47 09.5 +0.5
MDSI	Maura Dua	2.37	87	Pn	Pn	17 47 10.3 +0.1
KASI	Kota Agung	2.43	102	P	Pn	17 47 17.0 +0.6
KLSI	KLSI	2.91	91	P	Pn	17 47 18.5 +0.8
PMBI	Palebang	3.41	60	Pn	Pn	17 47 22.7 -1.8
PMBI	Palebang	3.41	60	Pn	Pn	17 47 23.0 -1.5
JMBI	JAMBI	3.49	32	P	Pn	17 47 25.8 +0.1
SDSI	Sungai Dareh	3.69	354	P	Pn	17 47 30.3 +1.9
PGRI	Pengkalen	3.83	102	P	Pn	17 47 34.2 +2.5
RGRI	Rengas	4.29	7	P	Pn	17 47 38.6 +2.0
CGRI	Cibinong	4.34	117	P	Pn	17 47 38.5 +1.2
PPBI	Pangkal Pinang	4.97	61	P	Pn	17 47 46.7 +0.7
BKSI	Bangka	4.98	351	P	Pn	17 47 48.2 +2.0
DBJI	Dranga	5.28	111	Pn	Pn	17 47 51.2 +1.0
CBJI	Citeko	5.32	110	P	Pn	17 47 54.7 +3.9
MNSI	Mandailing Nat	5.93	337	P	Pn	17 47 59.5 +1.7
LEM	Leimbang	6.18	111	Pn	Pn	17 48 05.8 +3.1
LEM	Leimbang	6.18	111	Pn	Sn	17 49 17.2 +4.9
LEM	Leimbang	6.18	111	LR	LR	17 50 46.2
CISI	Cisompot, Garu	6.64	116	P	Pn	17 48 09.2 +0.2
CISI	Cisompot, Garu	6.64	116	P	Pn	17 48 14.0 +0.6
MYKM	Kota Tinggi	6.70	18	P	Pn	17 48 14.0 +0.3
GSI	Gunungsitoli	7.25	324	P	Pn	17 48 19.2 +1.8
GSI	Gunungsitoli	7.25	324	P	Pn	17 48 19.4 +2.0
CMJI	Cimerak	7.31	116	P	Pn	17 48 18.1 0.0
PMJI	Prapat	7.92	339	LR	LR	17 51 54.3
IPM	Ipo	9.08	355	P	Pn	17 48 44.0 +1.5
UGM	Wanagama	9.26	111	Pn	Pn	17 48 46.4 +1.5
KULM	Kulim	9.82	122	P	Pn	17 48 54.6 +0.6
KULM	Kulim	9.82	122	P	Pn	17 48 56.0 +2.0
KSM	Kuching	10.44	55	P	Pn	17 49 00.0 -1.0
JAGI	Jajag, Banyuw	12.84	108	Pn	Pn	17 49 32.3 -1.7
SPMI	Sapulut	17.33	58	P	Pn	17 50 03.4 -0.2
TOLLI	Tollitoli	19.80	74	Pn	Pn	17 51 30.9 -2.1
BATI	Baumata	22.36	106	P	Pn	17 51 27.2 -1.8
SOEI	Soe	22.85	104	P	P	17 51 34.4 +0.2
CMAR	Chiang Mai Arr	23.11	353	P	P	17 51 35.9 -0.9
FITZ	Fitzroy Crossi	26.88	122	P	P	17 52 11.8 +0.4
FITZ	Fitzroy Crossi	26.88	122	P	P	17 52 18.6 -2.6
FITZ	Fitzroy Crossi	26.88	122	P	P	17 52 09.2 -2.2
H0S2	Diego Garcia H	29.30	263	T	T	18 20 04.3
H0S3	Diego Garcia H	29.30	263	T	T	18 22 57.5
H0S1	Diego Garcia H	29.31	263	T	T	18 22 50.9
MTN	Manton Dam	30.08	108	P	P	17 52 38.0 -2.1
WBO	Warramunga Arr	35.12	118	P	Iamb	17 53 24.5 +0.4
WBO	Warramunga Arr	35.12	118	P	Iamb	17 53 29.8
WRA	Warramunga Arr	35.13	118	P	P	17 53 24.2 0.0
WRA	Warramunga Arr	35.13	118	P	P	17 53 30.1 -4.2
WRAB	Tennant Creek	35.14	118	P	P	17 53 29.3 -0.4
WRAB	Tennant Creek	35.14	118	P	P	17 53 26.2
WB2	Warramunga Arr	35.15	118	P	Iamb	17 53 24.4 +0.1
WB2	Warramunga Arr	35.15	118	P	Iamb	17 53 38.1
WR0	Warramunga Arr	35.32				

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, PAGZ, BUTP, FITZ, WRA, ASAR, MKAR, MSVF, KURBB, ILAR.

TAP 04 18:33:41.4, 24:19N, 122:52E, h44km, ML2.8, D
JMA 04 18:33:41.1, 24:10N, 122:51E, h42km, 3km, M2.1
ISC 04 18:33:39.9, 1.3, 2.4, 100N, 0.02, 122:53E, 0.02, h19km, 3km,

Main table of station data for the left column, including stations like YJNG, YOJ, YOY, ENA, TWC, TWD, NACB, ET LH, NTC, TWE, ENT T, ESL, NDT, TIPB, EGFH, NNSB, NNSH, NNS, IRIF, WHF, HATJ, NWLT, HGSD, FUSS, YHNB, NSK, TWA, CHGB, TWT, EHY, NNDH, TDCB, TATO, YULB, YULF, TWF1, JKRS, TWS1, FULB.

Main table of station data for the middle column, including stations like WPL, NTY, NTST, CHKT, CHKT, WHP, DPDB, DPDB, SSSL, SSSL, LIOB, LIOB, JIJ, JIJ, NNTT, NNTT, SMLT, TYC, TYC, EDH, EDH, WHYT, WHYT, TWQ1, TWQ1, NSY, NSY, ELDTW, ELDTW, WJS, WJS, WWF, WWF, ALS, ALS, JISG, JISG, WNT, WNT, WNT1, WNT1, LDUT, LDUT, LONT, LONT, CHN5, CHN5, TWGBT, TWGBT, TWG, TWG, WVK, WVK, WDLH, WDLH, STYT, STYT, TPUB, TPUB, CHN4, CHN4, WTP, WTP, RLNB, RLNB, WTK, WTK, CHY, CHY, TWK, TWK, CHN1, CHN1, SLGT, SLGT, SGST, SGST, ECL, ECL, WSF, WSF, ICHU, ICHU, SSD, SSD, TSMG, TSMG, TSMG, TSMG, SCST, SCST.

Table of station data for the top right section, including stations like SCST, LAY, LAY, MASBT, MASBT, EAST, EAST, EAST, SCZT, SCZT, SCZT, SLIU, SLIU, SLIU, WDGT, WDGT, WDGT, PHUB, PHUB, PHUB, PNG, PNG, PNG.

TAP 04 18:38:41.9, 23:19N, 120:75E, h13km, ML1.8, B, Taiwan

Table of station data for the middle right section, including stations like STYT, STYT, WTP, WTP, TPUB, TPUB, SGST, SGST, SGST, CHN4, CHN4, ELDTW, ELDTW, TWK, TWK, ALS, ALS.

TAP 04 18:38:45.6, 23:21N, 120:75E, h10km, ML1.6, B, Taiwan

Main table of station data for the bottom right section, including stations like STYT, STYT, WTP, WTP, WTP, TPUB, TPUB, TPUB, SGST, SGST, CHN4, CHN4, CHN4, CHN1, CHN1, SNST, SNST, SLGT, SLGT, TWK, TWK, TWK, ELDTW, ELDTW, ELDTW, ALS, ALS, ALS, CHN5, CHN5, CHN5, SSD, SSD, SSD, TWG, TWG, TWGBT, TWGBT, TWGBT, WTK, WTK, TSMG, TSMG, TSMG, TSMG, TSMG, FULB, FULB, TSMG, TSMG, WDLH, WDLH, TWF1, TWF1, YULB, YULB, EYUL, EYUL, EDH, EDH, MASBT, MASBT, MASBT, EHY, EHY.

STNU		iS	Sn	19 42 11.4 +0.5	
KORU	Korolevo	3.44 321	P	19 41 31.3 +0.5	
KORU			Pm	19 41 31.9	
KORU			iS	19 42 12.3 +1.2	
KORU			S	19 42 27.7	
TRSU	Trosnyk	3.47 319	Pn	19 41 31.5 +0.4	
TRSU			Pm	19 41 33.0	
TRSU			eS	19 42 13.2 +1.3	
TRSU			Sm	19 42 22.1	
ZAPS	Zavoj	3.50 231	ePn	19 41 31.4 -0.2	
ZAPS			eSn	19 42 08.5 -4.1	
KUBS	Kucevo	3.51 253	ePn	19 41 29.8 -2.0	
KUBS			eSn	19 42 08.2 -4.6	
DIM	Dimitrovgrad	3.53 190	iP	19 41 32.0 0.0	
MIZ	Mezgor'ye	3.57 328	iP	19 41 33.3 +0.8	
MEZ			Pm	19 41 34.7	
MEZ			eS	19 42 15.0 +0.9	
MEZ			Sm	19 42 17.2	
LTVH	Ltavrtes, Hu	3.60 303	ePn	19 41 32.7 -0.2	
LTVH			eSn	19 42 16.7 +1.8	
BRIU	Brid	3.63 322	iP	19 41 33.2 0.0	
BRIU			Pm	19 41 33.6	
BRIU			eS	19 42 16.4 +0.9	
BRIU			Sm	19 42 52.8	
PLD	Plovidiv	3.63 200	eP	19 41 32.6 -0.7	
PLD			Pn	19 41 32.8 -0.5	
PLD			Pm	19 41 34.2 0.0	
VTS	Vitosha	3.68 219	iP	19 41 34.2 0.0	
VTS			iP	19 41 34.2 0.0	
YS	Vitosha	3.68 219	iP	19 41 34.5 +0.3	
BANR	Banloc	3.68 270	eSn	19 42 10.8 -6.0	
HORU	Horodok	3.69 1	eP	19 41 34.5 +0.4	
HORU			iS	19 42 16.4 -0.6	
EDRB	Edirne	3.69 176	P	19 41 34.8 +0.6	
KBR	Kibr	3.69 176	eP	19 41 34.4 +0.2	
BERU	Beregovo	3.72 318	iP	19 41 34.8 +0.4	
BERU			eS	19 42 18.7 +1.0	
BOVS	Bovan	3.83 242	eSn	19 42 16.6 -3.8	
MUKU	Mukachevo	3.86 321	iP	19 41 36.4 +0.1	
MUKU			eS	19 42 22.4 +1.6	
SVIS	Sviljajnac	3.87 253	ePn	19 41 37.7 +0.2	
KDZ	Kurdzhali	3.94 190	eP	19 41 37.7 +0.2	
MORS	Morshin	3.98 336	iP	19 41 38.5 +0.6	
MORS			eS	19 42 24.3 +0.4	
BOSS	Bosilegrad	4.13 224	ePn	19 41 40.3 +0.3	
EOSS			eP	19 42 22.1 -5.4	
UZH	Uzhgorod	4.17 320	eS	19 41 39.0 -1.4	
UZH			eSn	19 42 26.2 -2.2	
UZH			Pmax		
UZH	comp=N, 3.0nm, 0.8s		Pmax		
UZH	comp=E, 3.0nm, 0.8s		Pmax		
UZH	comp=Z, 2.0nm, 0.8s		Pmax		
UZH	comp=N, 8.0nm, 0.8s		Smax		
UZH	comp=E, 9.0nm, 0.8s		Smax		
UZH	comp=Z, 3.0nm, 0.8s		Smax		
UZH	comp=Z, 3.0nm, 0.8s		MLR		
UZH	Uzhgorod	4.17 320	eP	19 41 41.0 +0.6	
UZH			Pm	19 41 46.2	
UZH			iS	19 42 29.9 +1.0	
UZH			Sm	19 43 12.1	
SHIU	Shidnytsya	4.22 332	iP	19 41 41.7 +0.5	
SHIU			Pm	19 41 43.8	
SHIU			iS	19 42 30.2 +0.5	
SHIU			Sm	19 42 37.7	
GRUS	Gruza	4.35 250	ePn	19 41 42.2 -0.7	
GRUS			eS	19 42 28.4 -4.3	
KKB	Krupnik	4.37 214	iP	19 41 43.7 +0.5	
KOLS	Kolonickie sedl	4.40 322	eP	19 41 44.3 +0.7	
KOLS	Kolonickie sedl	4.40 322	eP	19 41 44.3 +0.7	
SELS	Selova	4.41 240	ePn	19 41 42.7 -1.1	
RDO	Rodopi	4.42 188	P	19 41 43.7 -0.2	
RDO	Rodopi	4.42 188	eP	19 41 43.3 -0.6	
TRUS	Trudelj	4.43 255	ePn	19 41 43.2 -0.8	
TRUS			eSn	19 42 29.7 -5.1	
SLVT	Silivri	4.45 262	eP	19 41 44.9 +0.1	
NWR	Nevrokopi	4.50 204	P	19 41 46.1 +0.3	
LVV	L'vov	4.57 341	eP	19 41 46.0 +0.1	
LVV			eS	19 42 38.2 +0.1	
LVV	comp=Z, 3.0nm, 1.4s		Pmax		
LVV	comp=E, 11.0nm, 2.1s		Smax		
LVV	comp=N, 10.0nm, 2.3s		Smax		
LVV	comp=N, 1.1m, 4.6s		MLR		
LVV	comp=E, 1.1m, 4.6s		MLR		
LVV	comp=Z, 1.1m, 4.7s		MLR		
LVV	L'vov	4.57 341	iP	19 41 45.6 -0.3	
FRGS	Fruska Gora	4.64 268	ePn	19 41 46.0 -0.8	
FRGS			eSn	19 42 34.0 -5.7	
FRGS	Fruska Gora	4.64 268	ePn	19 41 45.7 -1.1	
KAVA	Kavala	4.73 197	P	19 41 48.0 0.0	
CRVS	Cervenica-Dubn	4.75 182	eP	19 41 48.8 -1.2	
CRVS	Cervenica-Dubn	4.75 182	eP	19 41 48.2 0.0	
DIVS	Divibare	4.75 255	ePn	19 41 47.3 -1.1	
DIVS			eSn	19 42 37.9 -4.7	
DIVS	Divibare	4.75 255	ePn	19 41 47.2 -1.1	
DIVS	Divibare	4.75 255	eP	19 41 47.3 -1.1	
ENEZ	Enez	4.75 192	eP	19 41 48.2 0.0	
IVAS	Ivanjica	4.85 248	ePn	19 41 50.4 +0.7	
IVAS			eSn	19 42 39.7 -5.2	
SRRS	Serrai	4.85 206	P	19 41 49.9 +0.2	
ERIK	Erikli-Kesani	4.86 179	eP	19 41 48.7 0.0	
ISK	Istanbul-Kandi	4.88 155	eP	19 41 48.8 -1.2	
KAVV	Kandilli-Istan	4.88 155	eP	19 41 47.5 -2.5	
STIP	Stip	4.89 220	iPn	19 41 48.0 -2.1	
TEKS	Tekeris	4.94 261	ePn	19 41 50.0 -0.9	
TEKS			eSn	19 42 43.3 -4.8	
TEKS	Tekeris	4.94 261	ePn	19 41 49.6 -1.3	
KECS	Keocovo	4.95 308	eP	19 41 50.7 -0.8	
KECS	Keocovo	4.95 308	eP	19 41 50.7 -0.8	
KNT	Kendrikon	5.04 211	P	19 41 52.6 +0.3	
KNT	Kendrikon	5.04 211	eP	19 41 52.6 +0.3	
PSZ	Piszkesteto	5.05 301	ePn	19 41 51.9 -0.4	
PSZ	Piszkesteto	5.05 301	P	19 41 50.7 -1.6	
PSZ	Piszkesteto	5.05 301	Pn	19 41 50.7 -1.6	
THAS	Thassos island	5.07 194	P	19 41 52.7 +0.2	
SMTH	Samothraki Isl	5.09 187	P	19 41 53.2 +0.3	
SJES	Sjenica	5.11 246	ePn	19 41 53.2 0.0	
SJES	Sjenica	5.11 246	ePn	19 41 53.2 -0.9	
GELI	Tayfur-Gelibol	5.13 179	eP	19 41 53.5 +0.1	
LPEZ	Lapseki	5.17 177	eP	19 41 52.2 -1.2	
SOH	Sokhos	5.19 206	P	19 41 54.5 +0.2	
BBLs	Lazi#263;i	5.23 254	ePn	19 41 54.0 -0.8	
BBLs	Lazi#263;i	5.23 254	ePn	19 41 53.8 -1.0	
SEV	Sevastopol'	5.27 98	eP	19 41 51.3 -3.9	
SEV			eS	19 40 40.7	
SEV	Sevastopol'	5.27 98	eP	19 41 51.3 -3.9	
SEV			Pm	19 41 52.6	
SEV			eS	19 42 50.1 -4.7	
SEV			Sm	19 42 52.5	
RUDO	Rudo	5.35 252	ePn	19 41 52.9 -4.3	
GRV	Griva	5.41 214	P	19 41 55.3 +1.1	
GRV	Griva	5.41 214	eP	19 41 56.9 -0.3	
HGS	Han Pijesak, BI	5.47 257	ePn	19 41 55.7 -2.3	
HORT	Hortiatis	5.48 207	eP	19 41 55.2 -3.0	
OOR	Ouranopolis	5.48 199	P	19 41 58.6 +0.5	
OOR	Ouranopolis	5.48 199	eP	19 41 58.4 +0.3	
SIM	Simferopol'	5.50 93	eP	19 41 56.6 -1.6	
SIM			eS	19 42 57.3 -3.2	
SIM	comp=Z, 5.1nm, 0.3s		Pmax		
SIM	comp=N, 7.9nm, 1.2s		Smax		
SIM	Simferopol'	5.50 93	eP	19 41 56.6 -1.8	
SIM			Pm	19 41 57.8	
SIM			eS	19 42 57.1 -3.4	
SIM			Sm	19 43 02.0 +1.1	
AKBB	Malin Array Si	5.52 19	P	19 41 56.9 -1.6	
AKBB	Malin Array Si	5.52 19	Pn	19 41 56.9 -1.6	
AKASG	Malin Array Be	5.52 19	P	19 41 57.5 -1.0	
AKASG	comp=N, 4.1nm, 0.3s, baz=204, slow=12, SNR=17		S	19 42 53.8 -7.0	

AKASG	Malin Array Be	5.52	19cP	Pn	19 41 57.5 -1.0
AKASG				Pmax	
KDZ	Karadeniz Ereo	5.61 137	eP	Pn	19 42 00.3 +0.5
YAL	Yalta	5.62 98	eP	Pn	19 41 58.3 -1.6
YAL	Yalta	5.62 98	eS	Pn	19 43 00.3 -3.0
YAL	Yalta	5.62 98	eP	Pn	19 41 58.3 -1.6
YAL	Yalta	5.62 98	eS	Pn	19 43 00.3 -3.0
BOZC	Bozcaada	5.69 182	eP	Pn	19 41 59.2 -1.7
LIA	Limonos Island	5.69 182	P	Pn	19 42 01.2 +0.2
ALU	Alushta	5.75 96	eP	Pn	19 41 59.8 -1.9
ALU	Alushta	5.75 96	eS	Pn	19 43 04.5 -2.0
ALU	Alushta	5.75 96	eP	Pn	19 41 59.8 -1.9
ALU	Alushta	5.75 96	eS	Pn	19 42 08.2
ALU	Alushta	5.75 96	Pm	Sn	19 43 04.5 -2.0
ALU	Alushta	5.75 96	eS	Pn	19 43 10.3
LANS	Liptovska Anna	5.92 310	eP	Pn	19 42 04.9 +0.9
LANS	Liptovska Anna	5.92 310	eP	Pn	19 42 04.9 +0.9
PAIG	Paliouri	5.94 200	P	Pn	19 42 04.8 +0.6
VYHS	Vyhne	5.94 303	eP	Pn	19 42 04.4 +0.1
VYHS	Vyhne	5.94 303	eP	Pn	19 42 04.4 +0.1
FNA	Florina	5.98 219	P	Pn	19 42 05.5 +0.6
FNA	Florina	5.98 219	P	Pn	19 42 05.5 +0.6
FNA	Florina	5.98 219	P	Pn	19 42 05.9 +1.0
FNA	Florina	5.98 219	Pn	Pn	19 42 05.9 +1.0
PDG	Podgorica	5.99 241	eP	Pn	19 42 04.7 +0.8
SUDU	Sudak	6.13 93	eP	Pn	19 42 05.9 -1.0
SUDU			eS	Pn	19 43 13.7 -2.0
SUDU	Sudak	6.13 93	eP	Pn	19 42 05.9 -1.0
SUDU	Sudak	6.13 93	eS	Pn	19 43 13.7 -2.0
SUDU	Sudak	6.13 93	Pm	Sn	19 42 07.8
SUDU	Sudak	6.13 93	eP	Pn	19 43 13.7 -2.0
SUDU	Sudak	6.13 93	eS	Pn	19 42 07.8
DRME	Dracevica, Mon	6.17 240	ePn	Pn	19 42 10.1 +2.7
KOLL	Kolacno	6.24 302	eP	Pn	19 42 08.3 +0.1
SIGR	SIGRI	6.32 184	P	Pn	19 42 10.5 +1.0
SIGR	SIGRI	6.32 184	eP	Pn	19 42 09.5 0.0
MPLH	Magyarpolny	6.33 288	eP	Pn	19 42 10.4 +1.0
UDBI	Udolina	7.96 282	ePn	Pn	19 43 19.4 -1.0
FEO	Feodosiya	6.39 91	eP	Pn	19 42 08.5 -1.8
FEO	Feodosiya	6.39 91	eS	Pn	19 43 19.4 -2.5
FEO	Feodosiya	6.39 91	eP	Pn	19 42 08.5 -1.8
FEO	Feodosiya	6.39 91	Pm	Sn	19 42 11.4
FEO	Feodosiya	6.39 91	eS	Pn	19 43 19.4 -2.5
FEO	Feodosiya	6.39 91	Sm	19 43 25.1	
TREB	Trebinje	6.42 247	ePn	Pn	19 42 13.2 +2.5
NEST	Nestorio	6.43 219	P	Pn	19 42 12.2 +1.2
BLY	Banja Luka	6.54 266	ePn	Pn	19 42 11.6 -0.8
XOR	Xorichti	6.59 202	P	Pn	19 42 13.6 +0.5
BEHE	Behe	6.75 281	ePn	Pn	19 42 14.9 +0.2
STON	Ston	6.77 250	ePn	Pn	19 42 14.5 -0.5
STON	Ston	6.77 250	ePn	Pn	19 42 15.7 +0.3
JAVC	Velka Javorina	6.79 302	ePn	Pn	19 42 16.4 +0.6
SOP	Sopron	7.09 291	eSn	Pn	19 43 37.3 -1.5
KJVV	Kijevo	7.25 261	ePn	Pn	19 42 22.6 +0.7
UDBI	Udolina	7.96 282	ePn	Pn	19 43 27.7 +1.3
CONA	Conrad Observa	7.61 292	eP	Pn	19 42 26.8 0.0
VRAC	Vranov	7.63 303	P	Pn	19 42 27.3 +0.3
VRAC	Vranov	7.63 303	P	Pn	19 42 25.9 -1.1
KRUC	Kruc	7.64 301	ePn	Pn	19 42 26.9 -0.3
CRCS	Cresnjev	7.65 276	ePn	Pn	19 42 27.6 +0.3
ARSA	Arzberg	7.69 287	ePn	Pn	19 42 29.2 +1.3
MORI	Morici	7.77 261	ePn	Pn	19 42 30.3 +1.3
MORI			Sn	Pn	19 43 55.0 -0.4
ZIRJ	Zirje	7.88 260	ePn	Pn	19 42 30.7 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CHTO, CM15, CM13, CM31, CMAR, CM02, CM01, CM05, CM09, CM04, INK, DGAR, YKA, YKA, YKA, USRK, ILAR, KSRs, PDAR, WRA, ASAR, STKA.

ANF 04 20:08:13.7 0.5, 41.85N:119.57W, h7km, ML3.7/21, Error ellipse: s-maj=4.3km s-min=3.0km az=89.0
REN 04 20:08:14.2 2.2, 41.88N:01:119.64W:0.03, h10km,6km, ML3.9/5, ML3.7/49(SEA), ML3.6/46(NEIC), Mw3.7,2(NEIC), Error ellipse: s-maj=2.7km s-min=1.5km az=79.0
SEA 04 20:08:14.8 2.4, 41.81N:0.03:119.62W:0.03, h0km,6km, Error ellipse: s-maj=4.5km s-min=3.3km az=200.0
NEIC 04 20:08:14.1, 41.85N:119.62W, h11km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=-2.66; Mw=0.67; Mw3.34; Mw1.35; Mw2.39; Mw2.15; Fault plane solution: M4.64000x10^14, NP13s:173.45000°, 3.65,64000°, 1-130,15000°. NP2s:57.39000°, 845.87000°, 1-35,08000°. Principal axes: T 4.7341, P1g12.0000°, Azm291.0000°; N -D.2047, P1g36.0000°, Azm193.0000°; P -4.5294, P1g52.0000°, Azm36.0000°;
IDC 04 20:08:15.6 1.7, 41.89N:119.40W, h0km, mb2.9/1, m1 3.5/4, m1mx3.3/42, mbtmp3.1/4, ML3.5/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/12, Error ellipse: s-maj=14.7km s-min=12.2km az=113.0
NEIC 04 20:08:15.3 2.4, 41.89N:0.03:119.60W:0.03, h9km,5km, Error ellipse: s-maj=4.6km s-min=2.7km az=178.0
ISC 04 20:08:14.6 0.7, 41.83N:0.03:119.62W:0.02, h10km, n70, a193/93, Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include MOD, LKVV, WVOR, WVOR, WVOR, K05A, K05A, LASM, LTIM, LBCM, M04C, M04C, M04C, K04D, K04D, K04D, K04D, J05D, J05D, J05D, L04D, L04D, BEKR, BEKR, PAHR, PAHR, PINE, PINE, I07A, I07A, O03E, O03E, YBH, YBH, J04D, M02C, M02C, N02D, N02D, WDC, WDC, HUMO, PNTR, PNTR, I05D.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include I05D, RUBR, RUBR, I04A, I04A, O02D, O02D, O02D, O02D, L02E, L02E, AFDM, K02D, MFID, KRMB, KHMM, KHMM, KHMM, I03D, KBO, KBO, J01E, BMO, ELK, ELK, ELK, ELK, H04D, NVAR, NVAR, G05D, G05D, KEBM, KEBM, I02D, HLID, HLID, HLID, HLID, R11A, R11A, BGU, BCU, DUY, TPNV, TPNV, MCMT, TCUT, MSO, MSO, MSO, NEW, NEW, TMUT, BOZ, PDAR, PDAR, PDAR, WALA, O20A, PV22, YKA, YKA.

IDC 04 20:13:49.6:1.2, 2.64N:95.68E, h0km, mb4.0/10, mb1 4.1/12, mb1mx3.9/42, mbtmp4.0/12, ML3.7/2, MS3.4/5, Ms1 3.5/5, ms1mx3.0/43, Error ellipse: s-maj=32.5km s-min=17.5km az=40.0
DJA 04 20:13:52.9:0.8, 3.14N:4.9E, h13km,7km, M4.3/13, mb4.3/7, MLV4.2/13
NEIC 04 20:13:53.7:1.7, 2.65N:0.08:95.8E:0.1, h28km,7km, mb4.6/9, Error ellipse: s-maj=20.5km s-min=9.9km
ISC 04 20:13:53.4:0.7, 2.65N:0.06:95.66E:0.08, h25km, n83, a132/72, mb4.4/28, 2C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include SNSI, TP, MLSI, KCSI, GSI, GSI, LHMI, LHMI, TSI, PSI, PSI, PSI, MNSI, KULM, IPNI, PKDT, PDSI, TRTT, MDSI, SRAK, CHAI, LEM, MHMT, UTTA, CM05, CM04, CM01, CM01, CM05, CM02, CM02, CM09, CM09.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CM31, CM31, CMAR, CMAR, CMAR, CM36, CM32, LAMP, CM35, CHTO, CM34, CM34, NONG, SAIH, SAHA, KOHI, KOHI, BOK, BOK, SHL, LKHP, H0S2, H0S2, H0S3, H0S3, ODAN, ODAN, GTK, GTK, RAMM, RAMM, TAPN, TAPN, PKI, PKI, PKIN, PKIN, DMN, DMN, GUN, GUN, KKN, KKN, DANN, DANN, DAV, DAV, SMLA, SMLA, XAN, XAN, DHRM, DHRM, DHRM, H01W, H01W, H01W, WRA, MKAR, MKAR, ASAR, ASAR, MAZK, MAZK, MAZK, KSRs, KSRs, SONM, SONM, SONM, ULN, ULN, ULN, GEYT, GEYT, KURK, KURK, ZAAO, ZAAO, ZALV, ZALV, USRK, USRK, BRVK, BRVK, BRVK, ABKAR, ABKAR, AKASO, AKASO, FINES, FINES, CLL, CLL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include BGR, NOU, NEIC, IDC, MSVF, MSVF, MSVF, MSVF, DZM, DZM, DZM, DZM, URZ, URZ, BKZ, BKZ, RPZ, RPZ, LBZ, LBZ, CTAO, CTAO, TOO, TOO, COEN, COEN, STKA, STKA, STKA, BBOO, BBOO, WBO, WBO, WBO, WB2, WB2, WRA, WRA.

Table with columns: STA, Name, Az, El, P, S, Res, and various station codes. Includes stations like WRA, AS31, ASAR, FITZ, etc.

Table with columns: STA, Name, Az, El, P, S, Res, and various station codes. Includes stations like RETA, WTTA, MOTA, DIVYS, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BSO1, JHO, JAG.

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JYNG, IRIF, JKRS, etc.

Table with columns: STA, Name, Az, El, P, S, Res, and various station codes. Includes stations like URZ, URZ, URZ, etc.

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

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

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BBOO, AS31, ASAR.

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

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

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

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

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

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

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

Table with columns: JCT, comp, pmax, pmax, 21, 32, 30.2, +0.3, etc. Includes entries like Junction City, Abilene, Hawley, Kesra, Uccle, Lac du Bonnet, etc.

Table with columns: CLL, comp, pmax, pmax, 21, 33, 14.4, -0.9, etc. Includes entries like Colim, 4UR Ranch, SOKA, FFF, BRG, PRU, ARSA, etc.

Table with columns: ELK, Elko, 65.73, 308, P, P, 21, 34, 01.1, -0.2, etc. Includes entries like Elko, Humel, Troy Canyon, Resolute Bay, Camas Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DUGI Teolo, ZIRJ Zirje, OHR Ohrid, FNA Florina, etc.

ATH 04 23:09:50.0, 36.49N:28.47E, h61km, 4km, ML2.5/1 Error ellipse: s-maj=17.9km s-min=2.6km az=171.0

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

IDC 04 23:21:36.2, 2.2, 1.96N:126.45E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.1-4.5, mbtm3.3/3, Error ellipse: s-maj=175.7km s-min=28.3km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 04 23:24:40.0, 5.5, 7.92S:157.85E, h0km, mb4.6/10, mb4.7/12, mb1mx4.5/22, mbtm4.6/12, ML4.1, 1/2, MS4.5/12, s-min=15.5km az=84.0

NEIC 04 23:23:43.6, 2.1, 5.7, 91S:0.08:157.7E:0.3, h10km, 1km, mb4.9/32, Error ellipse: s-maj=23.3km s-min=14.1km az=278.0

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MCQ Macquarie Isla, MCQ Macquarie Isla, MCQ Macquarie Isla, etc.

ISC 04 23:23:42.9, 0.4, 5.737S:0.05:157.85E:0.08, h10km, m128, e1974/113, mb4.8/20, MS4.5/15, Macquarie Island region

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ODZ Otaoua Downs, ODZ Otaoua Downs, ODZ Otaoua Downs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Sheep Creek Mo, Sheep Creek Mo, Sheep Creek Mo, etc.

JMA 05 01:13:30.0,39.46N:142.10E,h48km,1km,M3.7 JMA Feit II J1.

NIED 05 01:13:30.1,39.46N:142.10E,h48km,MW3.7,Moment Tensor Solution, s3 Moment tensor: Scale 10^14 Nm...

ISC 05 01:13:29.5,1.2,39.48N:142.21E,h46km,9gkm,n27,r1579/35,mb3.7/5,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Miyayonagasawa, Tanohata, Ofunato, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAT Matsuhiro Arr, MJAR Matsuhiro Arr, ASAJ Asahikawa, etc.

BUJ 05 01:15:13.0,0.0,2.86N:123.09E,h480km,mb4.7/37,mb4.8/22

IDC 05 01:15:15.7,0.6,2.93N:122.98E,h497km,6km,mb4.0/40,mb1.4/45,mb1mx0.0/57,mbmp4.9/45,Error ellipse: s-maj=9.4km,s-min=4.9km,az=78.0

NOU 05 01:15:15.9,2.95N:123.02E,h485km,m4.9,Celebes Sea NEIC 05 01:15:15.5,1.7,2.94N:102.92E,0.08,h491km,4km,mb4.9/104,Error ellipse: s-maj=11.7km,s-min=11.2km

DJA 05 01:15:15.8,0.4,3.1N:5.12E,3E,h470km,5km,M4.9/24,mb5.3/18,mb5.1/24,MLV5-4/18,MW(m)B4.7/18 KLM 05 01:15:15.3,1.0,2.99N:142.09E,h470km,mb4.9

ISC 05 01:15:15.2,0.5,2.92N:104.12E,97E-0.05,h491km,5km,n297,r1514/333,mb4.7/109,52.49,Celebes Sea

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LEM Lembang, CISI Cispomet, Garu, MYKOM Kota Tinggi, etc.

BEKR	Beckworth	2.10 196	Pb	01 47 59.5 -0.3	01 48 29.2
SVIC	Surveyors Ice	2.13 326	Pb	01 48 01.1 +0.7	01 48 00.4 -0.2
PINE	Pine Pine	2.14 333	IAML	01 48 31.2	
PINE	comp=N, 194nm, 0.7s		IAML	01 48 39.7	
PAHR	Pah Rah Range	2.18 176	Pb	01 48 00.3 -0.9	01 48 32.2
PAHR	comp=E, 228nm, 0.6s		IAML	01 48 32.6	
I07A	Izeze	2.20 2	Pg	01 48 02.3 +0.8	01 48 42.3
J04D	Umpqua Nation	2.29 307	Pb	01 48 03.2 0.0	
003E	Paynes Creek	2.30 227	Pg	01 48 03.1 -0.1	
003E	baz=46		Sb	01 48 31.2 -0.9	
YBH	Yreka Blue Hor	2.33 267	Pn	01 47 59.6 -0.8	
YBH	comp=E, 7.3nm, 0.3s, baz=61, slow=12, SNR=66		Pg	01 48 03.0 -0.6	
YBH	comp=E, 8.5nm, 0.3s, baz=68, slow=12, SNR=41		Lg	01 48 34.0	
YBH	comp=E, 24nm, 0.3s, baz=353, slow=16, SNR=16		Pn	01 47 59.1 -1.3	
M02C	Callala	2.48 260	P	01 48 01.5 -1.0	
M02C	baz=78		Sb	01 48 37.9 +0.5	
N02D	Trinity Center	2.50 250	Pg	01 48 01.7 -1.0	
N02D	baz=68, SNR=9.7		Sg	01 48 40.9 -0.4	
N02D	Trinity Center	2.50 250	Pb	01 48 05.9 -0.7	
WDC	Whiskeytown Da	2.57 240	Pn	01 48 03.1 -0.4	
WDC	comp=N, 155nm, 0.5s		IAML	01 48 40.8	
VCNR	Virginia City	2.59 181	Pb	01 48 09.1 +0.9	
HUMO	Hull Mountain	2.59 287	Pn	01 48 03.1 -0.8	
HUMO	comp=N, 100nm, 0.5s		IAML	01 48 49.8	
ORV	Oroville	2.74 212	Pn	01 48 06.1 +0.2	
I05D	Terrebonne, OR	2.76 333	Pb	01 48 11.4 +0.4	
I05D	baz=153		Sb	01 48 49.4 -0.2	
I05D	Terrebonne, OR	2.76 333	Pb	01 48 12.0 +0.9	
PNTR	Pine Nut	2.79 112	Pg	01 48 12.0 +0.8	
I04A	Tendick Farm,	2.81 314	Pb	01 48 12.2 +0.3	
I04A	baz=132		Sb	01 48 50.0 -1.1	
RUBR	Rubicon Trail	2.86 189	Pg	01 48 13.3 +0.4	
O02D	Mt. Diablo Mer	2.95 236	P	01 48 08.2 -0.7	
O02D	baz=54		Sb	01 48 52.1 +1.2	
L02E	Cave Junction	2.99 277	P	01 48 09.4 -0.1	
L02E	baz=94		Sb	01 48 52.4 +0.5	
AFDM	Forest Hills D	3.11 200	Pg	01 48 16.4 -0.6	
K02D	Willamette Mer	3.12 286	P	01 48 11.5 +0.2	
K02D	baz=104, SNR=209		Sb	01 48 58.1 +2.4	
K02D	Willamette Mer	3.12 286	Pn	01 48 13.1 +1.8	
MFID	Camas Ranch	3.18 60	Pn	01 48 11.9 -0.2	
KRMB	Red Mountain	3.24 265	Pn	01 48 12.9 0.0	
KRMB	comp=N, 61nm, 1.4s		IAML	01 49 11.1	
KRMB	comp=E, 56nm, 1.2s		IAML	01 49 11.3	
KHMM	Horse Mountain	3.26 253	Pn	01 48 15.5 +2.2	
KHMM	comp=N, 64nm, 1.3s		IAML	01 49 15.0	
KHMM	comp=N, 109nm, 1.2s		IAML	01 48 19.3 -0.8	
I03D	Drain, OR	3.30 305	Pb	01 48 17.6 +3.0	
RYN	Ryan	3.36 165	Pn	01 49 11.7	
RYN	comp=N, 110nm, 0.6s		IAML	01 48 22.1 +0.7	
H04A	Detroit Lake	3.37 327	Pg	01 48 17.3 +2.3	
WAKR	Walker	3.38 178	Pn	01 49 10.9	
WAKR	comp=N, 64nm, 0.5s		IAML	01 49 16.3	
BMO	Blue Mountains	3.41 29	Pg	01 48 21.9 -0.1	
G08A	Pilot Rock	3.44 8	Pg	01 48 25.2 +2.6	
J01E	Myrtle Point	3.44 293	Pg	01 48 26.8 -0.1	
KBO	Bosley Butte	3.46 277	Pg	01 48 24.2 +1.3	
ELK	Elko	3.48 108	Pn	01 48 17.5 +1.1	
ELK	comp=E, 0.5nm, 0.3s, baz=299, slow=15, SNR=7.9		Pg	01 48 22.1 -1.4	
ELK	comp=E, 10.0nm, 0.3s, baz=300, slow=15, SNR=130		Lg	01 49 09.7	
ELK	comp=E, 33nm, 0.3s, baz=158, slow=8.5, SNR=11		Lg	01 48 17.2 +0.8	
ELK	comp=E, 83nm, 0.3s		IAML	01 49 16.5	
ELK	comp=E, 44nm, 0.5s		IAML	01 49 17.8	
H04D	Lebanon	3.49 320	Pb	01 48 24.2 +0.8	
JCC	Jacoby Creek,	3.50 254	Pg	01 48 26.8 -1.1	
KMRH	Mali Ridge	3.52 243	Pn	01 48 17.5 +0.8	
G05D	Wamic, OR	3.58 340	Sb	01 49 14.6 -1.2	
NVAR	Mina Array Bea	3.59 163	Pn	01 48 19.8 +1.9	
NVAR	comp=E, 1.0nm, 0.3s, baz=342, slow=12, SNR=11		Pg	01 48 28.6 -1.2	
NVAR	comp=E, 5.8nm, 0.3s, baz=345, slow=16, SNR=26		Lg	01 49 14.7	
LHV	Little Hunteon	3.73 167	Pn	01 48 22.8 +3.3	
KCPM	Canto Peak	3.73 235	Pn	01 48 21.9 +2.1	
KCPM	comp=N, 35nm, 0.8s		IAML	01 49 39.8	
KCPM	comp=E, 45nm, 0.9s		IAML	01 48 25.7 +3.9	
RDF	Columbia Colle	3.89 189	Pn	01 48 26.5 +0.7	
HLID	Hailey	4.18 65	Pn	01 48 27.3 +1.4	
HLID	baz=248		IAML	01 49 35.5	
HLID	comp=E, 39nm, 0.6s		IAML	01 49 36.7	
TPH	Tonopah	4.22 154	Pn	01 48 29.6 +3.0	
MDPB	Devils Postpil	4.27 174	Pg	01 48 40.2 -2.5	
MDPB	comp=N, 22nm, 0.8s		IAML	01 48 41.0 -2.2	
OMMB	Old Mammoth M	4.29 174	Pg	01 48 43.9 -2.0	
F10A	Beach Ranch, E	4.43 22	Pg	01 50 23.0	
F10A	comp=N, 27nm, 3.8s		IAML	01 50 23.0	
R11A	Troy Canyon, C	4.69 138	Pg	01 48 50.0 -0.7	
R11A	baz=393		Pg	01 48 35.8 +2.8	
R11A	comp=E, 30nm, 0.9s		IAML	01 49 57.8	
R11A	comp=N, 22nm, 0.7s		IAML	01 48 40.1 +2.4	
BGU	Big Grassy Moun	5.04 99	Pn	01 48 42.4 +3.8	
HVU	Hansel Valley	5.11 89	Pn	01 48 40.8 +1.5	
BCVI	Bear Canyon	5.15 60	Pn	01 48 49.0 -3.4	
PANH	Panhandle Gap,	5.18 344	Pn	01 48 44.1 +1.4	
SPUT	South Promonto	5.41 94	Pn	01 49 04.7 +0.2	
DUG	Dugway, Tooele	5.41 106	Pn	01 48 45.3 +2.5	
DUG	baz=290		Pn	01 48 46.4 +1.9	
DUG	Dugway, Tooele	5.41 106	Pn	01 48 45.3 +2.5	
PSUT	Pine Spring	5.53 125	Pn	01 48 46.4 +1.9	

TPNV	Topopah Spring	5.57 151	Pn	01 48 48.8 +3.8	
PRN	Pahroc Range	5.69 140	Pn	01 48 50.2 +3.6	
MCMT	McKenzie Canyo	5.74 57	Pn	01 48 49.3 +2.0	
TCUT	Toone Canyon	6.20 94	Pn	01 48 58.1 +4.4	
JLU	Jordanelle	6.28 99	Pn	01 48 57.7 +2.9	
TCRU	Three Creeks R	6.38 119	Pn	01 48 58.1 +1.9	
MSO	Missoula	6.39 37	Pn	01 48 59.0 +2.7	
CCUT	Cedar City	6.47 130	Pn	01 49 01.2 +3.7	
MSU	Marysville	6.61 118	Pn	01 49 03.0 +3.7	
YHL	Hebgen Lake	6.82 61	Pn	01 49 07.0 +4.8	
YMR	Madison River	6.89 53	Pn	01 49 11.9 -1.3	
KNB	Kanab	7.15 137	Pn	01 48 58.1 +1.9	
PD31	Pinedale Array	7.50 80	Pn	01 49 01.0 -0.5	
PDAR	Pinedale Array	7.50 80	Pn	01 49 14.2 +2.6	
PDAR	comp=N, 0.0nm, 0.3s, baz=269, slow=30, SNR=1.8		Lg	01 51 12.8	
U15A	North Rim	7.87 131	Pn	01 49 19.4 +2.7	
YKA	Yellowknife Ar	20.85 7	Pn	01 51 59.7 -4.1	
YKA	comp=N, 0.0nm, 0.4s, baz=176, slow=9.9, SNR=4.3		Lg		

IDC 05 02:37:44.8:1.0, 32:77N:47:21E, h0km, mb3.8/18, mb1.3/9.22, ms1mx2.8/5.2, mbtmp3.8/2.2, ML3.9/4, MS3.2/2, Ms1.3/2.2, ms1mx2.5/4.4, Error ellipse: s-maj=2.1km s-min=16.1km az=6.0
MOS 05 02:37:48.5:21.5, 32:70N:47:32E, h11km, mb4.2/13, Error ellipse: s-maj=11.2km s-min=6.4km az=90.5
ISN 05 02:37:48.5:1.3, 32:97N:47:20E, h17km, ML3.5
NEIC 05 02:37:48.4:2.6, 32:89N:0:04:47.17E:0.06, h10km, 1km, mb4.1/17, mb_Lg4.0(TEH), ML3.9(THR), Error ellipse: s-maj=8.1km s-min=6.2km az=94.0
TEH 05 02:37:49.0, 32:95N:47:31E, h12km, ML4.0
OMAN 05 02:38:00.7:1.3, 31:61N:47:39E, h10km, mb5.4/16, ms2.6/7, Error ellipse: s-maj=32.2km s-min=24.9km az=67.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
IKFM	Katar-mosalman	0.82	35	Pg	02 38 03.6 -0.5	
IKFM	IKFM	0.82	35	Pb	02 38 15.2 -2.0	
IKFM	Katar-mosalman	0.82	35	Sg	02 38 15.2 -2.0	
IKFM	IKFM	0.82	35	Pb	02 38 03.7 -0.4	
IKMR	Kamar-syah	1.13	54	e	02 38 12.6	
IKMR	comp=Z, 99nm, 0.2s			Pg	02 38 09.5 -0.4	
IDBR	Badra	1.17	283	ePn	02 38 10.0 -0.1	
IDBR	IDBR			eSn	02 38 26.0 +0.9	
IDBR	comp=E, 944nm, 0.3s			AML	02 38 43.8	
IDBR	comp=N, 888nm, 1.2s			AML	02 38 45.4	
IKOM	Komasi	1.33	8	Pg	02 38 13.0 -0.7	
IKOM	IKOM			Sg	02 38 30.5 +0.4	
IKOM	IKOM	1.33	8	ePg	02 38 13.1 -0.7	
IKOM	IKOM			Pg	02 38 15.1	
IKOM	IKOM			Sg	02 38 30.6 +0.4	
KCHF	Cheshme Sefid,	1.44	352	Pg	02 38 14.6 -1.1	
KCHF	Cheshme Sefid,	1.44	352	ePg	02 38 14.7 -1.0	
KCHF	comp=Z, 99nm, 0.3s			Pg	02 38 36.8	
SHGR	Shooshtar-Gavs	1.48	120	Pg	02 38 18.1 +1.6	
SHGR	Shooshtar-Gavs	1.48	120	ePg	02 38 18.1 +1.6	
KER	Kermanshah	1.54	355	ePg	02 38 16.6 -1.0	
IGHG	Ghaleghazi	1.59	338	ePg	02 38 18.1 -0.6	
IGHG	Ghaleghazi	1.59	338	ePg	02 38 50.1	
IGHG	comp=Z, 99nm, 0.6s			Pg	02 38 19.3 -1.1	
IBZA	Bozab	1.68	16	Pg	02 38 19.3 -1.1	
IBZA	Bozab	1.68	16	ePg	02 38 47.8	
IBZA	comp=Z, 99nm, 0.3s			Pg	02 38 19.2 -0.2	
IVIS	Veis	1.71	348	Pg	02 38 19.2 -0.2	
IVIS	IVIS	1.71	348	ePg	02 38 44.5	
IVIS	comp=Z, 99nm, 0.4s			Pg	02 38 26.4 +1.8	
AHWZ	Ahwaz	1.90	142	Pg	02 38 26.4 +1.8	
AHWZ	Ahwaz	1.90	142	ePg	02 38 23.0 -1.2	
IDHR	Dehrash	1.99	338	Pn	02 38 23.1 -1.2	
IDHR	Dehrash	1.99	338	ePn	02 38 56.8	
IDHR	comp=Z, 99nm, 0.4s			Pn	02 38 25.0 +2.5	
NSR	Nassriya	2.08	208	ePn	02 38 51.0 +2.8	
NSR	NSR			eSn	02 39 08.8	
NSR	comp=Z, 734nm, 0.5s			AML	02 38 24.9 -0.8	
ILIN	Lien	2.08	353	Pn	02 38 25.0 -0.8	
ILIN	Lien	2.08	353	ePn	02 38 59.1	
ILIN	comp=Z, 99nm, 0.5s			Pb	02 38 26.0 -0.7	
IALM	Almadag	2.13	20	ePn	02 38 26.0 -0.7	
SNGE	Sanandaj	2.24	1	Pn	02 38 26.2 +1.3	
SNGE	Sanandaj	2.24	1	Sb	02 38 56.0 -0.1	
SNGE	Sanandaj	2.24	1	ePn	02 38 26.3 +1.3	
KHMZ	Khorney	2.21	68	Pn	02 38 30.2 -1.1	
KHMZ	Khorney	2.21	68	Pn	02 38 59.3 -1.1	
BHD	Baghdad	2.48	281	eSn	02 38 59.0	

5d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like KURK Kurchatov, VSU Vasula, GERES GERESS Array B, etc.

TAP 05 02:41:40.6, 24.62N, 122.22E, h19km, ML2.6, B
JMA 05 02:41:41.3, 24.57N, 122.24E, h36km, ML2.3
ISC 05 02:41:40.6, 1.0, 24.62N, 0.03, 122.25E, 0.03, h13km, 9km, n44, c0547/64, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like EGS, TWC, ENAH, etc.

2015 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like TWA, YOJ, NHDH, NACB, etc.

ISC 05 02:42:14.0, 3.2, 7.33S:156.20E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.6/29, mbtmp3.8/4, MS3.0/3, Ms1 2.9/3, ms1mx2.6/44, Error ellipse: s-maj=105.1km, s-min=34.1km az=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like HNR, WRA, ASAR, STKA, MKAR, ZALV, INK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like MSVF, RAO, RAR, RAR, RAR, etc.

IDC 05 02:56:02.8, 0.9, 37.39N:142.11E, h0km, mb3.6/9, mb1 3.8/13, mb1mx3.7/39, mbtmp3.7/13, ML3.6/2, MS3.2/4, Ms1 3.2/4, ms1mx2.6/57, Error ellipse: s-maj=22.7km, s-min=18.2km az=96.0

NEIC 05 02:56:08.1, 3.0, 37.35N:0.06:142.2E:0.1, h38km, 10km, mb4.3/6, Error ellipse: s-maj=11.7km s-min=8.4km az=87.0

JMA 05 02:56:09.5, 0.1, 37.39N:141.84E, h47km, 3km, M3.9 JMA Felt 1/1

NIED 05 02:56:09.6, 37.39N:141.84E, h47km, MW3.8, Moment Tensor Solution. s3 Moment Tensor. Scale 10^14Nm; M=4.60; Mb=4.47; Mw=0.14; Ms=0.55; Mbs=2.42; Mw2.89; Fault plane solution: Ms5.900000*10^14 NP1: 0.320, 0.00000, 0.855, 0.00000, 1.125, 0.00000. NP2: 0.89, 0.00000, 0.848, 0.00000, 1.50, 0.00000

ISC 05 02:56:09.2, 2.9, 37.37N:0.04:142.02E:0.07, h25km, 19km, n55, c1170/62, mb3.7/13, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like JFK, JMK, JMS, JMS, etc.

5d 4h

Table of astronomical observations for 5d 4h, listing stations like URZ, PLWZ, BFZ, RAMN, etc., and their associated parameters and coordinates.

2015 JAN

Main table of astronomical observations for 2015 JAN, listing stations like SOHO, BRVK, SOCO, etc., and their associated parameters and coordinates.

198

Table of astronomical observations for 198, listing stations like ARGA, VLS, FSK, etc., and their associated parameters and coordinates.

IDC 05 03:23:59.2±3.1, 32.755±178.43W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.7/27, mbtmp3.7/3, ML3.6/1 Error ellipse: s-maj=73.2km s-min=45.9km az=119.0, South of Kermadec Islands

WEL 05 04:00:37.0, 42°S 174°E, h39km±2km, M3.5/21, ML3.7/21, MLV3.5/21, Error ellipse: s-maj=0.0km az=118.5, Cook Strait

THE 05 03:28:35.9, 38°25N±20.39E, h15km, ML2.5/10, Error ellipse: s-maj=0.9km s-min=0.4km az=272.0, ATH 05 03:28:36.0, 38°25N±20.39E, h16km, ML2.5/4, Error ellipse: s-maj=1.7km s-min=0.9km az=268.0, ISC 05 03:28:34.2±0.9, 38.25N±0.02±20.28E±0.04, h19km±2km, n57, q086/95, Greece

Table of astronomical observations for stations in Greece, listing stations like KEF3, KEF4, KEF5, etc., and their associated parameters and coordinates.

Table of astronomical observations for stations in New Zealand, listing stations like CMWZ, BSWZ, TUWZ, etc., and their associated parameters and coordinates.

Table with columns: BHZH, WNVZ, KAHZ, NGVZ, etc. Station Name, Az, Phase, ID, Time, Res. Includes stations like Black Hill Sta, Wahianoa, Kahuranaki, etc.

NEIC 05 04:12:45.4±1.4, 60.21°N, 0.04:153.2°W, 0.1, h143km, 4km, Error ellipse: s-maj=7.9km s-min=5.5km az=105.0

AEIC 05 04:12:46.6±1.4, 60.20°N, 0.02:153.1°W, 0.1, h142km, 3km, ML3.1/123, ML3.5/74(NEIC), Error ellipse: s-maj=7.5km s-min=2.9km az=82.0

ANF 05 04:12:48.4±0.6, 60.40°N, 152.68°W, h155km, 4km, ML3.5/12, ML3.6/12, Error ellipse: s-maj=5.1km s-min=5.0km az=168.0

ISC 05 04:12:45.0±1.1, 60.24°N, 0.04:153.1°W, 0.04, h153km, 7km, n140, n1916/168, Southern Alaska

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Iliamna Volcan, Redoubt Volcan, etc.

Main station list table with columns: FID, WAT1, KTH, WAT2, TRF, etc. Station Name, Az, Phase, ID, Time, Res. Includes stations like Susitna Watana, Kantisna Hill, etc.

Main station list table with columns: PLCA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, H03A1, H01W1, H01W2, H01W3, WRA, CPUP, H10S3, H10S2, H10N3, H10N1, H10N2, ILAR, MKAR, ZALV, KURB, ESDC, etc. Station Name, Az, Phase, ID, Time, Res.

KRNET 05 04:25:41.7±0.1, 41.48°N, 72.72°E, h15km, mb2.8

SOME 05 04:25:42.4, 41.50°N, 72.73°E, h10km

NIC 05 04:25:45.4±1.0, 41.61°N, 72.70°E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=9.7km s-min=3.8km az=170.0

ISC 05 04:25:41.0±0.9, 41.48°N, 72.73°E, 0.02, h13km, gkm, n52, n109/84, 22C-14Z, Kyrgyzstan

Main station list table with columns: ARSB, ARS, OHH, AML, AML, MNAS, TRKS, ARLS, MRKS, MRKS, UCH, UCH, SFK, AAK, AAK, AAK, AAK, KBK, BTK, BTK, DRK, IUG, IUG, IUG, CHMS, CHMS, CHMS, USP, USP, USP, KK31, KK31, SGDS, SGDS, TKM2, TKM2, TKM2, BOOM, BOOM, BRLS, BRLS, etc. Station Name, Az, Phase, ID, Time, Res.

IDC 05 04:24:03.0±0.8, 56.53°S, 150.79°W, h0km, mb4.0/5, mb4.3/5, mb1.7x3.9/24, mbtmp4.0/5, MS3.3/1, Mls1 3.3/1, n11, n12, 2.9/16, Error ellipse: s-maj=109.5km s-min=22.3km az=80.0, Pacific-Antarctic Ridge

Small table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PPT, STKA.

5d	4h	2.65	307	Pg	Pg	04 26 31.5	-0.7
BRLS	Borolday 40nm,0.4s			Lg	Lg	04 27 05.7	
ULHL	35nm,0.4s Ulhoi bazz=73	2.73	73	iP	Pn	04 26 27.7	+2.5
ULHL	bazz=73 Ulhoi SNR=2			iP	Sn	04 27 00.7	+2.6
DGHS	Degeres 8.0nm,0.6s	2.86	51	eP	Pg	04 26 35.3	-1.2
DGS	22nm,0.6s Degeres 7.2nm,0.6s	2.86	51	eP	Pg	04 26 35.3	-1.0
DGS	22nm,0.7s Kastek 17nm,0.2s	2.86	56	eP	Lg	04 27 12.2	
KST	44nm,0.5s Kastek 17nm,0.4s	2.86	56	eP	Sg	04 27 13.0	-0.4
KST	44nm,0.5s Kastek 17nm,0.4s	2.86	56	eP	Pg	04 26 35.8	-0.6
KST	44nm,0.5s Kastek 17nm,0.4s			Lg	Lg	04 27 13.0	
KRB5	Karabastau 4.3nm,0.4s	3.10	43	eP	Pg	04 26 39.8	-1.1
KRB5	8.5nm,0.4s Karabastau 4.3nm,0.4s	3.10	43	eP	Pg	04 26 39.8	-1.1
KRB5	8.5nm,0.4s Karabastau 4.3nm,0.4s			Lg	Lg	04 27 19.6	
MTBS	Maitube 3.9nm,0.2s	3.20	58	eP	Pg	04 26 42.6	-0.2
MTBS	20nm,0.4s Izvestkoviy 9.1nm,0.5s	3.28	60	eP	Pg	04 26 42.9	-1.3
IZV	20nm,0.6s Izvestkoviy 9.2nm,0.7s	3.28	60	eP	Sg	04 26 42.9	-1.3
IZV	20nm,0.8s Tian-Shan 4.6nm,0.3s	3.50	62	eP	Lg	04 27 25.1	
TNSS	5.7nm,0.5s Kury 1.9nm,0.4s	3.59	47	eP	Pg	04 26 49.2	-1.0
KUU	14nm,0.3s Kury 1.9nm,0.6s	3.59	47	eP	Sg	04 27 35.8	
KUU	14nm,0.3s Kury 1.9nm,0.6s			Lg	Lg	04 27 35.8	
MDOK	14nm,0.6s Medeo 5.4nm,0.5s	3.62	61	eP	Pg	04 26 50.0	-0.7
MDOK	9.1nm,0.5s Karabote 2.1nm,0.4s	3.67	51	eP	Sg	04 26 50.6	-1.2
KTBS	23nm,0.5s Karabote 1.5nm,0.3s	3.67	51	eP	Pg	04 26 50.6	-1.2
KTBS	23nm,0.5s Karabote 1.5nm,0.3s			Lg	Lg	04 27 38.2	
CHKK	Chushkaly 2.2nm,0.3s	3.94	51	eP	Pg	04 26 55.3	-1.5
CHKK	13nm,0.3s Arharly 5.7nm,0.6s	4.64	52	eP	Pg	04 27 08.2	-2.0
ARXS	8.7nm,0.7s Arharly 5.7nm,0.6s	4.64	52	eP	Sg	04 28 08.7	-1.6
ARXS	8.7nm,0.7s Arharly 5.7nm,0.6s			Lg	Lg	04 28 08.2	-2.0

IDC 05 04:33:47.2,0.7,51.79N,175.43W, h0km, mb3.8/14,
 mb1 4.1/16, mb1mx3.8/52, mbtmp3.8/16, ML3.9/2, MS3.0/1,
 Ms1 3.0/1, ms1mx2.4/52, Error ellipse: s-maj=26.6km
 s-min=13.9km az=165.0
 AEIC 05 04:33:53.4,2.9,51.62N,175.22W,0.07, h26km,5km,
 ML4.0/27, mb4.1/14(NEIC), Error ellipse: s-maj=11.3km
 s-min=5.9km az=155.0
 NEIC 05 04:33:54.8,1.9,51.77N,175.20W,0.03, h50km,6km,
 Error ellipse: s-maj=10.5km s-min=2.4km az=187.0
 ISC 05 04:33:54.2,0.6,51.69N,175.23W,0.04, h50km,
 n135, r120/130, mb4.0/28, Andreanof Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
GSMY	Great Sitkin M	0.62	305	Op	Pn	04 34 06.6	-0.3
GSTR	Great Sitkin T	0.65	309		Pn	04 34 07.4	0.0
GSKC	Great Sitkin C	0.66	300		Pn	04 34 07.3	-0.2
GSKC	Great Sitkin C				Sn	04 34 17.0	-0.1
GSTD	Great Sitkin T	0.68	304		Pn	04 34 07.3	-0.4
GSPD	Great Sitkin S	0.71	305		Pn	04 34 08.2	+0.1
ETKA	Kagalaska Isla	0.75	294		Pn	04 34 07.9	-0.7
ATKA	Atka Island	0.82	51	Pn	Pn	04 34 08.3	+1.2
ADAG	Mount Adagad	0.90	290		Pn	04 34 10.9	+0.3
KOWE	Korovin West	0.91	41		Pn	04 34 10.7	0.0
KOPF	Korovin Flat	0.92	49		Pn	04 34 10.4	-0.4
ADK	Adak	0.92	283	Pn	Pn	04 34 10.2	-0.6
KIKV	Kanaga Island	1.22	280		Pn	04 34 14.7	-0.2
KICM	Kanaga Island	1.24	282		Pn	04 34 15.3	+0.2
KICM	Kanaga Island				Sn	04 34 31.4	+0.6
KIMD	Kanaga Island	1.25	274		Pn	04 34 14.9	-0.3
TAFP	Tanaga Falls P	1.72	278		Pn	04 34 22.3	+0.9
TAFP	Tanaga Falls P				Sn	04 34 23.4	+0.9
TASE	Tanaga Southeast	1.75	276		Pn	04 34 22.5	+0.5
GALAA	Gareloi Lava P	2.20	273		Pn	04 34 28.9	+0.6
CEAP	Semis' Anvil P	3.24	278		Pn	04 34 43.8	+1.4
CESW	Semis' Southwest	3.24	276		Pn	04 34 43.7	+1.2
AMKA	Amchitka	3.43	267	Pn	Pn	04 34 45.1	0.0
LSPA	Little Sitkin	3.85	276		Pn	04 34 55.8	+1.6
LSNW	Little Sitkin	3.89	277		Pn	04 34 53.4	+2.0
NV13	Nikolski High	4.12	69	Pn	Pn	04 34 55.8	+1.3
UNV	Unalaska Valle	5.72	64	Pn	Pn	04 35 19.2	+2.8
SPIA	Saint Paul Isl	6.22	26	Pn	Pn	04 35 24.9	+1.6
QHAK	Old Harbor	13.88	58	Pn	Pn	04 37 05.1	-2.8
ANM	Nome	13.90	18	Pn	Pn	04 37 10.8	+2.7
KDAK	Kodiak Island	14.39	56	Pn	Pn	04 37 12.1	-2.7
KDAK	Kodiak Island				Pn	04 37 14.4	-0.3
KDAK	Kodiak Island				Pn	04 37 11.3	-3.5
RSO	Redoubt South	15.25	46	Pn	Pn	04 37 23.2	-2.5
CNPM	China Pool	15.59	50	Pn	Pn	04 37 30.7	-0.3
CNPM	China Pool				Iamb	04 37 47.0	
BRLK	Bradley Lake	15.84	50	Pn	Pn	04 37 32.5	-1.1
BRLK	Bradley Lake				Iamb	04 37 39.9	
SUA	Susitna One	16.56	44	Pn	P	04 37 44.3	-0.4
SUA	Susitna One				Iamb	04 37 54.1	
SEW	Seward	16.64	50	Pn	Pn	04 37 44.4	+0.9
SEW	Seward				Iamb	04 37 49.3	
O22K	Cooper Landing	16.64	48	Pn	Pn	04 37 43.9	+0.3
O22K	Cooper Landing				Iamb	04 37 58.2	
PPLA	Purkeypile	16.65	39	P	P	04 37 48.3	+2.7
PPLA	Purkeypile				Iamb	04 37 52.6	
GHO	Glory Hole Cre	17.48	45	P	Pn	04 37 54.8	+0.7
KTH	Kantishna Hill	17.48	38	P	Pn	04 37 52.9	+1.6
KTH	Kantishna Hill				Iamb	04 37 57.2	
TRF	Thorofore Moun	17.68	39	P	P	04 37 58.5	+1.5
TRF	Thorofore Moun				Iamb	04 38 03.5	
BPWF	Bear Paw Mtn.	17.75	36	P	P	04 38 00.0	+2.3
SCM	Sheep Creek Mo	18.21	45	P	P	04 38 03.1	+0.4
RND	Reindeer	18.22	40	P	P	04 38 03.3	+0.5
FID	Port Fidalgo	18.24	49	P	P	04 38 01.4	-1.6
FID	Port Fidalgo				Iamb	04 38 17.4	

BWN	Browne	18.36	37	P	Pn	04 38 05.9	+1.1
BWN	Browne				Iamb	04 38 10.4	
EYAK	Cordova Ski Ar	18.53	50	P	Pn	04 38 08.9	+2.2
KLU	Klutina	18.72	47	P	Pn	04 38 08.8	+0.4
KLU	Klutina				Iamb	04 38 25.9	
M24K	Toisona, Glenn	18.81	45	P	Pn	04 38 10.8	+0.5
M24K	Toisona, Glenn				Iamb	04 38 12.3	
WRH	Wood River Hill	19.03	37	P	P	04 38 10.8	-0.8
CCB	Clear Creek Bu	19.22	37	P	P	04 38 12.7	-1.0
MDM	Murphy Dome	19.22	36	P	P	04 38 14.4	+0.6
MDM	Murphy Dome				Iamb	04 38 19.9	
N25K	Chitina, Valde	19.36	47	P	P	04 38 12.2	-3.1
PAX	Paxson	19.43	43	P	Pn	04 38 17.7	0.0
HDA	Harding Lake	19.43	38	P	Pn	04 38 15.3	-0.8
HDA	Harding Lake				Iamb	04 38 22.3	
IL31	Eielson Array	19.63	37	P	P	04 38 17.8	-0.3
ILAR	Eielson Array	19.63	37	P	P	04 38 16.9	-1.3
GLB	Gilahina Butte	19.68	48	P	P	04 38 20.0	+1.2
GLB	Gilahina Butte				Iamb	04 38 29.6	
COLD	Coldfoot	19.87	29	P	Pn	04 38 22.6	-0.1
COLD	Coldfoot				Iamb	04 38 28.1	
RIDG	Independent Ri	19.98	41	P	Pn	04 38 21.9	-0.2
RIDG	Independent Ri				Iamb	04 38 27.8	
DOT	Dot Lake	20.27	42	P	P	04 38 25.1	-0.1
DOT	Dot Lake				Iamb	04 38 29.4	
YAH	Yahtse	20.42	52	P	P	04 38 26.9	-0.2
YAH	Yahtse				Iamb	04 38 31.9	
SEY	Seymour	20.55	316	P	P	04 38 26.7	-1.4
CTGM	Chitina Glacie	20.73	50	P	Pn	04 38 33.6	+0.4
CTGM	Chitina Glacie				Iamb	04 38 35.0	
TOLK	Toolik Lake Re	20.97	26	P	P	04 38 34.5	+1.8
TOLK	Toolik Lake Re				Iamb	04 38 36.8	
A21K	Barrow	21.42	16	P	P	04 38 38.6	+1.2
A21K	Barrow				Iamb	04 38 40.9	
EGAK	Eagle	21.86	40	P	P	04 38 42.5	+0.2
EGAK	Eagle				Iamb	04 38 57.2	
DAW	Dawson	22.36	43	P	P	04 38 48.2	+0.5
HYT	Haines Junction	22.56	51	P	P	04 38 51.3	+1.4
EPYK	Eagle Plains	24.14	38	P	P	04 39 05.6	+0.5
EPYK	Eagle Plains				Iamb	04 39 07.9	
INUK	Inuvik	25.93	34	P	P	04 39 20.6	-0.7
INUK	Inuvik				P	04 39 21.1	-0.2
C36M	Paulatuk	29.52	34	P	P	04 39 52.3	-1.0
C36M	Paulatuk				Iamb	04 40 02.1	
YKA	Yellowknife Ar	33.39	47	P	P	04 40 27.7	+0.3
YKA	Yellowknife Ar				PcP	04 40 38.2	+0.5
H11N2	WAKE ISLAND Hy	34.84	210	T	T	05 17 28.9	
H11N3	WAKE ISLAND Hy	34.85	210	T	T	05 17 29.5	
H11N1	WAKE ISLAND Hy	34.86	210	T	T	05 17 30.7	
H11S1	WAKE ISLAND Hy	36.05	210	T	T	05 19 01.0	
H11S2	WAKE ISLAND Hy	36.06	210	T	T	05 19 01.0	
H11S3	WAKE ISLAND Hy	36.06	210	T	T	05 19 01.6	
NEW	Newport	36.68	72	P	P	04 40 56.4	+0.6
NEW	Newport				P	04 40 57.5	+1.6
NEW	Newport	36.68	72	P	P	04 40 58.3	
MCMT	McKenzie Canyo	40.96	74	P	P	04 41 33.0	+1.0
BOZ	Bozeman (W)	41.27	72	P	P	04 41 35.4	+0.9
BOZ	Bozeman (W)				Iamb	04 41 36.5	
NVAR	Mina Array Bea	41.30	86	P	P	04 41 35.2	+0.4
ELK	Elko	41.81	81	P	P	04 41 39.7	+0.7
ELK	Elko				P	04 41 39.9	+1.0
KSR5	Korea Array	41.85	273	P	P	04 4	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOLB, HOB, HG4B, PHC, MAYB, etc.

IDC 05 05:13:42.3:45.0, 18:24S:173.44W, h0km, mb4.3/3, Error ellipse: s-maj=853.0km s-min=185.8km az=81.0, Tonga Islands

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

NEIC 05 05:14:20.6:2.7, 0:01S:0:07x123.5E:0.1, h126km, 7km, mb4.2/12, Error ellipse: s-maj=16.9km s-min=7.8km

DJA 05 05:14:22.0:0.3, 0:2'S:2'12.9'E, h123km, 4km, M4.5/19, mb4.4/9, mb5.2/2, MLv4.6/19, Mw(mb)4.6/2

IDC 05 05:14:22.8:0.7, 0:03S:123.46E, h151km, 27km, mb3.7/14, mb1.3/9.16, mb1mx3.7/3, mbtmp4.2/16, Error ellipse: s-maj=22.5km s-min=11.8km az=71.0

ISC 05 05:14:21.5:0.6, 0:05S:0:05x123.46E:0.05, h140km, 6km, n62, e130/72, mb4.2/27, Minahasa Peninsula, Sulawesi

Main table of station data for the Indonesian region, including stations like KMSI, GTOI, LUWU, etc.

2015 JAN

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

BUI 05 05:18:45.9:0.0, 4:65S:151.72E, h5km, mb5.2/38, mb4.7/50, Ms4.8/17, Ms7.4/4/16

DJA 05 05:18:51.7:1.0, 5:3'S:151.1'E, h26km, 8km, M4.9/30, mb5.4/13, mb5.0/30, MLv5.0/3, Mw(mb)4.8/13

NEIC 05 05:18:51.9:2.2, 4:47S:0:08x151.31E:0.05, h25km, 5km, mb5.1/50, Error ellipse: s-maj=11.2km s-min=7.1km

GCMT 05 05:18:52.9:0.2, 4:46S:0:01x151.18E:0.01, h15km, 1km, MW5.0/116, Moment Tensor Solution, s38, C49, s116, c170; Duration: 0 Moment tensor: Scale 1016Nm; Mn-0.36t; 12; M004.18t; 13; M00-3.82t; 12; M00.53t; 22; M00.15t; 10; M0-1.09t; 25; Best double couple: Ms4.22x100x1016 NP1:0.42, 0.00000, 0.74, 0.00000, -1.172, 0.00000. NP2:0.310, 0.00000, 0.83, 0.00000, -1.16, 0.00000. Principal axes: T 4.2580, Plg6.0000, Azm357.0000; N -0.0760, Plg73.0000; Azm106.0000; P -4.1830, Plg16.0000; Azm265.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular corner rate function

MOS 05 05:18:52.4:1.0, 4:55S:151.26E, h37km, mb5.3/26 Error ellipse: s-maj=11.3km s-min=7.2km az=98.8

IDC 05 05:18:53.0:3.3, 4:57S:151.18E, h27km, 22km, mb4.5/23, mb1.4/7.25, mb1mx4.6/4.1, mbtmp4.7/25, ML2.3/1, MS4.2/29, Ms1.4/2.29, ms1mx4.1/4.5, Error ellipse: s-maj=16.6km s-min=10.2km az=109.0

ISC 05 05:18:53.0:3.3, 4:54S:0:05x151.31E:0.05, h35km, n266, e1927/248, mb5.0/96, MS4.2/30, 10C-1D, New Britain region

Main table of station data for the Pacific region, including stations like RABL, MANU, PMG, etc.

2015 JAN

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

WRKA Warakurna 30.07 225 P P 05 24 58.4 -1.6

HTT Hallett 30.98 200 P P 05 25 06.9 -1.1

KAPI Kappag 31.45 268 LR LR 05 25 06.2

ARPS Mount Arapiles 33.24 194 P P 05 25 27.0 -0.7

TOO Toolangi 33.30 188 P P 05 25 28.2 -0.1

TOO Toolangi 33.30 188 P P 05 25 27.3 -1.0

TOO Toolangi 33.30 188 P P 05 25 27.3 -1.0

TOO Toolangi 33.30 188 P P 05 25 27.3 -1.0

FOR Forest 34.07 217 P P 05 25 33.6 -1.5

FOR Forest 34.07 217 P P 05 25 33.2 -1.8

MYDM Lahad Datu 34.16 286 P P 05 25 34.8 -1.2

OUZ Omahuta 36.83 149 P P 05 25 59.0 -0.3

OUZ Omahuta 36.83 149 P P 05 26 11.7

MEEK Mekatharra 38.19 231 P P 05 25 08.5 -1.8

KMBL Kambalda 38.42 223 P P 05 26 10.6 -1.7

YULB Yuili 40.35 315 P P 05 26 27.9 -0.5

YULB Yuili 40.35 315 P P 05 26 27.9 -0.5

SSLB Suanglung 40.84 315 P P 05 26 31.2 -1.3

URZ Urewera 40.97 148 P P 05 26 34.4 +1.1

URZ Urewera 40.97 148 P P 05 26 34.4 +1.1

JSU Suzuyama 40.99 332 P P 05 26 32.4 -1.2

JSU Suzuyama 40.99 332 P P 05 26 38.8

YHNB Yeheng 41.12 316 P P 05 26 34.1 -0.7

YHNB Yeheng 41.12 316 P P 05 26 49.8

MORW Morawa 41.36 230 P P 05 26 35.6 -1.1

MORW Morawa 41.36 230 P P 05 26 41.5

KSM Kuching 41.40 277 P P 05 26 35.8 -1.4

KSM Kuching 41.40 277 P P 05 26 49.0

KLBR Kellerberrin 41.41 225 P P 05 26 34.8 -2.3

BLDU Ballidu 41.65 227 P P 05 26 36.7 -2.3

TUWZ Tuamarina 41.95 154 P P 05 26 42.0 +0.8

JNU Nakatusu 42.17 334 LR LR 05 24 24.5

NWAO Narrogin (SRO) 42.52 224 LR LR 05 45 44.7

MJAR Matsushiro Arr 42.66 344 P P 05 26 45.4 -1.8

MJAR Matsushiro Arr 42.66 344 P P 05 26 45.4 -1.8

5d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, TBI, MEH, ZEA, MA2, MA2, GTA, etc.

2015 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MCK, M24K, NEA2, KSH, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TPV, BELC, SWSC, GMRC, BC3, R11A, IRM, YKA, etc.

ENAH	Nanao	0.32 219	↑P	Pn	05 53 58.8	+0.7
ENAH	Nanao			Sn	05 54 07.5	+0.8
TWE	Neicheng	0.33 274	↑P	Pn	05 53 58.8	+0.6
TWE				Sn	05 54 08.8	+1.9
TIPB	Shuangxi	0.33 326	↑P	Pn	05 53 58.4	+0.2
TIPB				Sn	05 54 06.5	-0.5
ENA	Nanau	0.37 224	↑P	Pn	05 53 59.1	+0.6
ENA				Sn	05 54 08.4	+0.9
ENTT	Nioudou	0.42 262	↑P	Pn	05 53 59.9	+0.9
ENTT				Sn	05 54 09.4	+1.2
NWF	Wu-fen Shan	0.43 329	↑P	Pn	05 53 59.3	+0.2
NWF				Sn	05 54 07.9	-0.6
WFSB	Wu-fen Shan	0.43 329	↑P	Pn	05 53 59.3	+0.3
WFSB				Sn	05 54 08.2	-0.1
NDT	Datong Townshi	0.48 259	↑P	Pn	05 54 00.3	+0.9
NDT				Sn	05 54 09.9	+1.0
NWLT	Wulai	0.48 280	↑P	Pn	05 53 60.0	+0.5
NWLT				Sn	05 54 09.9	+0.8
TWA	Mucha	0.49 305	↑P	Pn	05 53 59.7	+0.2
TWA				Sn	05 54 08.7	-0.5
NHHD	Xindian Distri	0.53 300	↑P	Pn	05 54 00.1	+0.3
NHHD				Sn	05 54 09.5	-0.2
TATO	Taipei	0.56 300	Pn	Pn	05 54 00.4	+0.2
TATO				Sn	05 54 10.2	-0.1
TAP	Taipei	0.58 306	↑P	Pn	05 54 00.6	+0.2
TAP				Sn	05 54 10.6	0.0
YHNB	Yeheng	0.59 268	↑P	Pn	05 54 01.2	+0.6
YHNB				Sn	05 54 11.5	+0.4
YHNB	Yeheng	0.59 268		Pn	05 54 01.2	+0.6
YHNB				Sn	05 54 11.4	+0.4
NSK	Sanguang	0.61 268	↑P	Pn	05 54 01.2	+0.5
NSK				Sn	05 54 11.4	+0.1
BACT	New Taipei Cit	0.61 299	eP	Pn	05 54 01.1	+0.5
BACT				Sn	05 54 12.0	+0.8
YM01	YM01	0.61 317	↑P	Pn	05 54 00.9	+0.2
YM01				Sn	05 54 10.9	-0.4
YM10	YM10	0.62 317	↑P	Pn	05 54 01.0	+0.1
YM10				Sn	05 54 11.1	-0.4
YM11	YM11	0.62 319	iP	Pn	05 54 01.0	+0.1
YM11				Sn	05 54 11.5	-0.1
YM05	YM05	0.63 318	↑P	Pn	05 54 00.9	0.0
YM05				Sn	05 54 11.7	0.0
YM08	YM08	0.63 321	↑P	Pn	05 54 00.7	-0.2
YM08				Sn	05 54 10.6	-1.0
YM04	YM04	0.64 316	↑P	Pn	05 54 01.1	+0.1
YM04				Sn	05 54 10.7	-1.0
NNSB	Datong	0.65 246	↑P	Pn	05 54 01.9	+0.7
NNSB				Sn	05 54 12.4	+0.4
NNSH	Datong	0.65 246	↑P	Pn	05 54 01.9	+0.7
NNSH				Sn	05 54 12.3	+0.3
NNS	Nan Shan	0.65 247	↑P	Pn	05 54 01.9	+0.7
NNS				Sn	05 54 13.1	+1.0
NACB	Ninganchiao	0.65 217	↑P	Pn	05 54 01.0	-0.2
NACB				Sn	05 54 11.8	-0.2
NACB	Ninganchiao	0.65 217		Pn	05 54 00.9	-0.2
NACB				Sn	05 54 11.1	-0.9
ANP	Anpu	0.67 317	eP	Pn	05 54 01.6	+0.2
ANP				Sn	05 54 13.2	+0.7
TWS1	Kuangyinshan	0.68 306	↑P	Pn	05 54 01.9	+0.5
TWS1				Sn	05 54 13.7	+1.2
TWY	Chenhua	0.69 326	↑P	Pn	05 54 02.0	+0.4
TWY				Sn	05 54 12.1	-0.7
ETLH	Xiulin Townshi	0.70 226	↑P	Pn	05 54 01.8	+0.2
ETLH				Sn	05 54 12.9	-0.1
NTST	Danshui	0.70 312	↑P	Pn	05 54 02.1	+0.5
NTST				Sn	05 54 13.9	+1.1
NTY	Taoyuan	0.73 295	P	Pn	05 54 02.7	+0.8
NTY				Sn	05 54 15.1	+1.7
TWD	Chiawan	0.73 213	↑P	Pn	05 54 01.8	-0.2
TWD				Sn	05 54 13.3	-0.1
NCU	National Centr	0.81 290	↑P	Pn	05 54 03.6	+0.8
NCU				Sn	05 54 16.3	+1.2
NCUH	Zhongli	0.81 290	↑P	Pn	05 54 03.7	+0.9
NCUH				Sn	05 54 15.9	+0.9
HWA	Hwalien	0.81 208	iP	Pn	05 54 03.2	+0.4
HWA				Sn	05 54 15.9	+0.9
FUSS	Fushou	0.84 238	↑P	Pn	05 54 04.2	+0.7
FUSS				Sn	05 54 16.4	+0.3
JYNG	Yonagunijimaku	0.87 106	P	Pn	05 54 03.9	+0.4
JYNG				Sn	05 54 16.5	+0.2
WHF	Hahuan Shan	0.89 232	↑P	Pn	05 54 04.4	+0.3
WHF				Sn	05 54 18.0	+0.7
TDCB	Techi	0.91 241	↑P	Pn	05 54 05.2	+1.0
TDCB				Sn	05 54 17.5	+0.2
HSDN	Hsinchu	0.92 275	iP	Pn	05 54 05.0	+0.8
HSDN				Sn	05 54 18.5	+1.2
LIOB	Emei	0.92 267	iP	Pn	05 54 04.8	+0.6
LIOB				Sn	05 54 18.4	+0.9

YOJ	Yonaguni jima	0.93 104	P	Pn	05 54 04.5	+0.3
YOJ				Sn	05 54 17.5	+0.1
YOJ	Yonaguni jima	0.93 104	↑P	Pn	05 54 04.3	+0.1
YOJ				Sn	05 54 17.2	-0.2
YOJ	Yonaguni jima	0.93 104	Pn	Pn	05 54 04.4	+0.3
YOJ				Sn	05 54 16.8	-0.8
PCYT	Pengchayiu	0.93 2	↑P	Pn	05 54 04.8	+0.5
PCYT				Sn	05 54 18.6	+1.1
NSTT	Nanjuang	0.94 266	P	Pn	05 54 04.8	+0.5
NSTT				Sn	05 54 18.1	+0.4
SBCB	Hsinchu	0.95 276	eP	Pn	05 54 05.0	+0.5
SBCB				Sn	05 54 18.7	+0.7
HSN	Hsinchu	0.97 276	P	Pn	05 54 05.0	+0.4
HSN				Sn	05 54 18.4	+0.1
CHGB	Renai	1.00 231	↑P	Pn	05 54 06.1	+0.7
CHGB				Sn	05 54 19.4	0.0
ESL	Shilin	1.03 212	P	Pn	05 54 04.7	-0.8
ESL				Sn	05 54 19.0	-0.8
WHP	Taichung City	1.07 247	↑P	Pn	05 54 07.5	+1.4
WHP				Sn	05 54 21.9	+1.2
NMLH	Miaoili	1.14 262	P	Pn	05 54 07.4	+0.6
NMLH				Sn	05 54 22.5	+0.4
EGFH	Guangfu	1.16 208	eP	Pn	05 54 07.1	0.0
EGFH				Sn	05 54 21.1	-1.5
NSY	Sanyi	1.19 257	↑P	Pn	05 54 08.5	+1.0
NSY				Sn	05 54 24.2	+1.0
WPL	Puli Township	1.19 235	P	Pn	05 54 08.6	+1.1
WPL				Sn	05 54 24.0	+0.7
TWQ1	Liyutan	1.19 253	P	Pn	05 54 08.4	+0.9
TWQ1				Sn	05 54 23.9	+0.5
DPDB	Guoxing	1.20 237	eP	Pn	05 54 09.0	+1.3
DPDB				Sn	05 54 24.6	+1.0
SMLT	Sun Moon Lake	1.31 232	P	Pn	05 54 10.0	+0.9
SMLT				Sn	05 54 29.0	+2.8
WDJ	Dajia District	1.31 255	eP	Pn	05 54 09.9	+0.9
WDJ				Sn	05 54 27.0	+1.0
HGSD	Ruisui	1.32 205	eP	Pn	05 54 08.9	-0.2
HGSD				Sn	05 54 25.4	-0.9
TYC	Yuchr	1.33 234	eP	Pn	05 54 10.2	+1.0
TYC				Sn	05 54 27.8	+1.4
SSLB	Suanguang	1.33 227	eP	Pn	05 54 09.9	+0.5
SSLB				Sn	05 54 27.6	+1.0
SSLB	Suanguang	1.33 227	Pn	Pn	05 54 09.9	+0.5
SSLB				Sn	05 54 27.2	+0.5
TCU	Taichung	1.35 246	eP	Pn	05 54 11.6	+2.1
TCU				Sn	05 54 27.5	+0.6
EHY	Hungye	1.35 209	P	Pn	05 54 08.8	-0.8
EHY				Sn	05 54 25.0	-2.0
WWF	Wufeng	1.38 242	eP	Pn	05 54 11.0	+1.2
WWF				Sn	05 54 29.3	+1.7
YULB	Yuli	1.46 207	iP	Pn	05 54 09.9	-1.1
YULB				Sn	05 54 27.1	-2.5
YULB	Yuli	1.46 207	Pn	Pn	05 54 09.6	-1.4
WHYT	Xinyi Township	1.46 227	eP	Pn	05 54 12.8	+1.8
WHYT				Sn	05 54 31.8	+2.1
WJS	Zhushan	1.47 234	eP	Pn	05 54 12.9	+1.8
WJS				Sn	05 54 31.1	+1.3
WNT	Mingjian	1.47 237	eP	Pn	05 54 12.2	+1.1
WNT				Sn	05 54 31.0	+1.3
WCHH	Zhanghua	1.47 246	eP	Pn	05 54 11.5	+0.4
WCHH				Sn	05 54 30.7	+0.9
EYUL	Yuli	1.49 206	eP	Pn	05 54 11.5	+0.1
EYUL				Sn	05 54 28.0	-2.3
TWF1	Yuli	1.50 207	eP	Pn	05 54 10.5	-1.0
TWF1				Sn	05 54 27.6	-2.8
IRIF	Liriotote-Funau	1.59 103	P	Pn	05 54 13.1	+0.4
IRIF				Sn	05 54 32.9	+0.3
ALS	Alishan	1.63 224	iP	Pn	05 54 14.9	+1.5
ALS				Sn	05 54 35.7	+1.8
FULB	Fuli	1.64 204	iP	Pn	05 54 13.1	-0.2
FULB				Sn	05 54 33.8	+0.1
CHN5	Tsauling	1.65 229	iP	Pn	05 54 15.0	+1.5
CHN5				Sn	05 54 35.3	+1.2
WGK	Gukeng	1.67 233	eP	Pn	05 54 15.1	+1.3
WGK				Sn	05 54 36.1	+1.5
WDLH	Douliu	1.69 234	eP	Pn	05 54 15.0	+1.0
WDLH				Sn	05 54 36.3	+1.4
CHKT	Chengkung	1.70 201	↑P	Pn	05 54 13.3	-0.8
CHKT				Sn	05 54 32.9	-2.3
RLNB	Erin	1.72 243	P	Pn	05 54 14.8	+0.4
RLNB				Sn	05 54 36.2	+0.6
HATJ	Hateruma jima	1.74 111	P	Pn	05 54 15.2	+0.5
HATJ				Sn	05 54 37.2	+1.1
ELDTW	Lidau	1.76 212	eP	Pn	05 54 14.8	-0.3
ELDTW				Sn	05 54 36.3	-0.6
WTK	Tuku	1.80 236	P	Pn	05 54 15.9	+0.4
WTK				Sn	05 54 38.5	+1.0
CHN2						

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Chin-men Tao, Pratas Island, Nanjing, Guangzhou, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Alice Springs, Akbulak array, Art, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Ukt, Uakit, Uoyan, etc.

BYKL 05:05:54.23.0.2.56:13N:113.72E, h4km,3km, 3C-3D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SVKR Severomysk, Uakit, Uoyan, etc.

MOS 05:05:55.00.1.2.56:10N:113.82E, h4km, mb3/1, Error ellipse: s-maj=14.2km s-min=9.6km az=59.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SVKR Severomysk, Uakit, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

Table with columns: YKLR, Yuktali, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

BYKL 05 05:57:03.8:0.5,56:11N<113:68E,1C, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

BYKL 05 05:59:53.4:0.4,56:10N<113:71E, h12km<6km, 1C-2D,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

Table with columns: YLYR, YLYR, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

BYKL 05 06:03:53.9:0.5,56:15N<113:71E, h2km<9km, 2C-1D,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

MOS 05 06:04:27.6:1.0,56:15N<113:71E, h5km, mb4.8/31, MS4.2/5, Error ellipse: s-maj=7.0km s-min=4.7km az=75.1

BYKL 05 06:04:29.4:0.5,56:22N<113:71E, h0km, mb4.3/24,

Duration: 0 Moment tensor: Scale 1016Nm; Mw=0.27; 0.9; Ms=1.13; 0.7; Mw=1.13; 0.7; Mw=0.45; 1.8; Mw=0.74; 0.7; Ms=0.46; 1.7; Best double couple: Ms 1.61200<1016

ISC 05 06:04:30.0:0.6,56:20N<113:74E, h0km<3km,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Severomuyksk, Uakit, Nelyaty, Uoyan, etc.

YLVR	comp=N,31um,1.0s	Smax		06 05 34.1
YLVR	Ulyunkhan	1.98 229	i/PN e	Pn 06 05 03.5 0.0
YLVR			e	Sn 06 05 05.1
YLVR			e	Sb 06 05 28.3 -0.1
YLVR			e	Sg 06 05 29.9
YLVR	comp=Z,6um,0.6s		pmax	
YLVR			smax	
NIZ	comp=N,20um,0.5s			
NIZ	Nizh Angarsk	2.40 261	i/PN e	Pn 06 05 10.0 +0.6
NIZ			e	Pb 06 05 12.0 -1.2
NIZ			e	Pmax 06 05 15.9
NIZ	comp=N,2um,1.2s			
NIZ			e	Sg 06 05 44.0 -2.9
NIZ			e	Smax 06 05 46.6
CRS	comp=N,14um,0.9s			
CRS	Chara	2.61 73	i/PN e	Pn 06 05 12.8 +0.5
CRS			e	Pb 06 05 16.8 0.0
CRS			e	Pmax 06 05 17.6
CRS	comp=N,8um,1.1s			
CRS			e	Sn 06 05 44.0 0.0
CRS			e	Sb 06 05 51.1 +2.2
CRS			e	Smax 06 05 53.9
CRS	comp=N,9um,1.5s			
CRS	Chara	2.61 73	i/PN e	Pn 06 05 12.8 +0.5
CRS			e	Pb 06 05 16.6
CRS			e	Pmax 06 05 50.6
CRS	comp=Z,8um,0.9s			
CRS			pmax	
CRS			smax	
CRS	comp=E,9um,1.4s			
VTMR	Vitum	3.31 349	i/PN e	Pn 06 05 22.5 +0.6
VTMR			e	Pb 06 05 30.7 +1.9
VTMR			e	Sn 06 05 34.6 +1.9
VTMR			e	Sg 06 06 13.6 -2.6
VTMR			e	Smax 06 05 21.0 -0.6
SYVR	Suvo	3.34 222	e/PN e	Pb 06 05 29.0 -0.3
SYVR			e	Pmax 06 05 33.1
SYVR	comp=E,2um,0.7s			
SYVR			e	Sn 06 06 00.7 -1.3
SYVR			e	Sb 06 06 11.1 +1.1
SYVR			e	Sg 06 06 16.8 -0.3
SYVR			e	Smax 06 06 22.8
SYVR	comp=E,18um,1.6s			
SYVR	Suvo	3.34 222	e/PN e	Pn 06 05 21.7 -0.6
SYVR			e	Pb 06 05 27.6
SYVR			e	Pmax 06 06 10.7
SYVR	comp=Z,2um,0.8s			
SYVR			pmax	
SYVR			smax	
TUP	comp=N,9um,1.6s			
TUP	Tupik	3.97 114	i/PN e	Pn 06 05 30.2 -0.9
TUP			e	Pb 06 05 40.2 +0.1
TUP			e	Pmax 06 05 42.4
TUP	comp=N,554nm,0.5s			
TUP			e	Sn 06 06 15.6 -2.1
TUP			e	Sb 06 06 30.8 +2.5
TUP			e	Smax 06 06 39.6
TUP	comp=N,7um,1.6s			
TUP	Tupik	3.97 114	i/PN e	Pn 06 05 30.2 -0.9
TUP			e	Pb 06 05 39.9
TUP			e	Sn 06 06 15.6 -2.1
TUP			e	Smax 06 06 30.8
TUP	comp=Z,551nm,0.5s			
TUP			pmax	
TUP			smax	
TUP	comp=N,7um,1.6s			
MXMB	Maximikha	4.13 227	e/PN e	Pb 06 05 32.7 -0.4
MXMB			e	Pb 06 05 41.0 -1.7
MXMB			e	Sb 06 05 34.6 +1.9
CIT	Chita	4.19 182	e/PN e	Pb 06 05 32.4 -1.6
CIT			e	Pb 06 05 41.9 -1.9
CIT			e	Pmax 06 05 44.1
CIT	comp=N,2um,1.0s			
CIT			e	Sg 06 06 35.5 +1.0
CIT			e	Smax 06 06 52.3
CIT	comp=N,7um,0.7s			
CIT	Chita	4.19 182	e/PN e	Pn 06 05 32.3 -1.8
CIT			e	Pb 06 05 43.4
CIT			e	Sn 06 06 21.4 -1.7
CIT			e	Smax 06 06 36.1
CIT	comp=Z,2um,1.6s			
CIT			pmax	
CIT			smax	
OGRR	Ongureny	4.37 237	i/PN e	Pb 06 05 37.0 +0.5
OGRR			e	Pb 06 05 46.5 -0.4
OGRR			e	Pmax 06 05 49.4
OGRR			e	Pmax 06 05 50.6
OGRR	comp=E,1um,1.5s			
OGRR			e	Sg 06 06 42.7 +3.0
OGRR			e	Smax 06 06 49.4
OGRR			e	Smax 06 06 50.4
OGRR	comp=E,5um,1.6s			
OGRR	Ongureny	4.37 237	e/PN e	Pn 06 05 37.0 +0.5
OGRR			e	Pb 06 05 48.0
OGRR			e	Pmax 06 06 42.5
OGRR	comp=Z,1um,1.7s			
OGRR			pmax	
OGRR			smax	
YKLR	Yuktali	4.42 82	i/PN e	Pn 06 05 37.3 +0.2
YKLR			e	Pb 06 05 47.5 -0.2
YKLR			e	Sb 06 06 45.7 +4.7
ZRHB	Zarechye	5.30 229	e/PN e	Pb 06 06 03.8 +1.0
ZRHB			e	Pb 06 06 09.0
ZRHB	comp=N,1um,0.7s			
ZRHB			e	Sb 06 07 11.2 +4.7
ZRHB			e	Smax 06 07 35.7
TRG	Tyrgan	5.52 234	e/PN e	Pb 06 05 52.1 -0.1
TRG			e	Pb 06 06 06.7 +0.3
TRG			e	Pmax 06 06 11.8
TRG			e	Pmax 06 06 14.5
TRG	comp=N,511nm,1.4s			
TRG			e	Sb 06 07 17.4 +4.8
TRG			e	Smax 06 07 31.0
TRG	comp=N,2um,1.2s			
TRG	Tyrgan	5.52 234	e/PN e	Pn 06 05 51.8 -0.4
TRG			e	Pb 06 06 07.0
TRG			e	Sn 06 06 51.8 -3.9
TRG			e	Pmax 06 07 16.0
TRG	comp=Z,512nm,1.4s			
TRG			pmax	
TRG			smax	
FFNB	Fofonovo	5.84 227	e/PN e	Pn 06 05 56.8 +0.1
FFNB			e	Pb 06 06 12.8 +0.9
FFNB			e	Sn 06 07 01.3 -2.4
FFNB			e	Sb 06 07 27.3 +5.4
KAB	Kabansk	5.88 228	e/PN e	Pb 06 07 16.5 +3.8
KAB			e	Sg 06 07 33.8 -4.9
KAB			e	Sb 06 05 59.7 -0.3
KAB			e	Pb 06 06 17.8 +1.7
KAB			e	Pmax 06 06 21.2
KAB	comp=E,556nm,0.5s			
KAB			e	Sg 06 07 36.0 +7.1
KAB			e	Smax 06 08 01.1
IENR	Iengra	6.21 85	e/PN e	Pb 06 06 20.7 +2.5
IENR			e	Sb 06 07 41.0 +8.5
BGT	Bolsheye Golou	6.42 233	e/PN e	Pb 06 06 04.5 -0.2
BGT			e	Pb 06 06 23.8 +1.9
BGT			e	Pmax 06 06 27.6
BGT	comp=E,190nm,0.9s			
BGT			e	Sg 06 07 46.9 -9.2
BGT			e	Smax 06 08 00.0
KPC	Khapcheranga	6.56 188	e/PN e	Pb 06 06 04.0 -2.6
KPC			e	Pb 06 06 25.3 +1.1
KPC			e	Pmax 06 06 33.8
KPC	comp=E,143nm,1.0s			
KPC			e	Sn 06 07 16.5 -5.0
KPC			e	Sb 06 07 49.3 +6.6
KPC			e	Smax 06 07 59.4
KPC	comp=E,4um,1.4s			
KPC			e	Pb 06 08 02.3
KPC			e	Pb 06 06 04.0 -2.6
KPC			e	Pmax 06 06 24.4
KPC			e	Pmax 06 07 48.8
KPC	comp=Z,144nm,1.2s			

KPC	comp=E,4um,1.9s			
LSTR	Listvyanka	6.80 234	e/PN e	Pb 06 06 09.8 -0.1
LSTR			e	Pb 06 06 30.4 +2.1
LSTR			e	Pmax 06 06 32.2
LSTR	comp=E,133nm,1.5s			
LSTR			e	Sg 06 07 58.6 -1.0
LSTR			e	Smax 06 08 06.1
IRK	comp=E,2um,1.6s			
IRK	Irkutsk	6.82 238	e/Sg e	Sb 06 07 57.7 +7.7
IRK			e	Smax 06 08 07.6
IRK	comp=E,4um,1.2s			
IRK	Irkutsk	6.82 238	e/PN e	Pb 06 08 07.7 +2.1
IRK			e	Pmax 06 07 58.5
IRK	comp=Z,440nm,0.2s			
IRK			pmax	
IRK			smax	
IRK	comp=E,4um,1.2s			
IRK	Talaya	7.48 237	e/PN e	Pb 06 06 18.9 -0.3
IRK			e	Pb 06 06 42.6 +2.8
IRK			e	Pmax 06 06 54.7
IRK	comp=E,88nm,1.0s			
IRK			e	Sg 06 08 17.2 +8.2
IRK			e	Smax 06 08 22.2
IRK			e	Smax 06 08 30.2
IRK	comp=E,1um,1.4s			
IRK	Talaya	7.48 237	e/PN e	Pn 06 06 18.8 -0.4
IRK			e	Pb 06 06 43.2
IRK			e	Pmax 06 08 17.1
IRK	comp=Z,141nm,0.2s			
IRK			pmax	
IRK			smax	
IRK	comp=E,1.0nm,0.5s			
IRK	Talaya	7.48 237	e/PN e	Pn 06 06 18.7 -0.4
IRK			e	Pb 06 06 24.9 -0.3
IRK			e	Pmax 06 06 38.6
IRK			e	Pmax 06 06 51.2 +4.0
IRK			e	Pmax 06 06 54.8
IRK	comp=E,235nm,0.7s			
IRK			e	Sn 06 07 50.8 -4.0
IRK			e	Sg 06 08 32.0 -1.2
IRK			e	Smax 06 08 46.4
IRK	comp=E,3um,1.0s			
IRK	Arshan	7.92 242	e/PN e	Pn 06 06 24.6 -0.6
IRK			e	Pb 06 06 47.9
IRK			e	Pmax 06 08 30.7
IRK	comp=Z,236nm,0.8s			
IRK			pmax	
IRK			smax	
IRK	comp=E,3um,1.0s			
IRK	Zeya	8.16 102	e/PN e	Pn 06 06 27.5 -0.9
IRK			e	Pb 06 06 56.5
IRK			e	Sn 06 07 56.4 -4.2
IRK			e	Pmax 06 08 44.8
IRK	comp=Z,20nm,0.6s			
IRK			pmax	
IRK			smax	
IRK	comp=Z,30nm,0.5s			
IRK			pmax	
IRK			smax	
IRK	comp=E,360nm,0.8s			
IRK			smax	
IRK	comp=N,800nm,1.2s			
IRK			smax	
IRK	comp=E,1um,2.5s			
IRK			MLR	
IRK	comp=E,3um,3.0s			
IRK			MLR	
IRK	comp=Z,2um,5.0s			
IRK			MLR	
IRK	ZAK	8.55 231	e/PN e	Pn 06 06 35.0 +1.1
IRK	ZAK		e	Pb 06 07 02.9 -1.1
IRK	ZAK		e	Pmax 06 07 13.8
IRK	comp=Z,69nm,1.1s			
IRK			e	Sg 06 08 53.4 -1.1
IRK			e	Smax 06 09 40.0
IRK	comp=Z,2um,1.8s			
IRK	ZAK	8.55 231	e/PN e	Pn 06 06 36.1 +2.2
IRK	ZAK		e	Pb 06 07 05.4
IRK	ZAK		e	Pmax 06 08 54.6
IRK	comp=Z,69nm,1.0s			
IRK			pmax	
IRK			smax	
IRK	comp=N,2um,1.6s			
IRK	MOY	8.78 244	e/PN e	Pn 06 06 36.8 -0.3
IRK	MOY		e	Pmax 06 06 51.1
IRK	comp=N,381nm,1.3s			
IRK			e	Sn 06 08 10.2 -5.9
IRK			e	Sg 06 08 59.4 -1.2
IRK			e	Smax 06 09 19.6
IRK	comp=N,2um,1.9s			
IRK	MOY	8.78 244	e/PN e	Pn 06 06 37.1 0.0
IRK	MOY		e	Pb 06 09 00.1 -1.1
IRK	MOY		e	Smax 06 09 30.0
IRK	comp=N,2um,1.9s			
IRK	ORL	8.92 252	e/PN e	Pb 06 06 38.7 -0.2
IRK	ORL		e	Pb 06 07 48.3
IRK	ORL		e	Pg 06 07 09.9 -1.1
IRK	ORL		e	Pmax 06 07 14.6
IRK	comp=N,205nm,1.2s			
IRK			e	Sg 06 09 03.8 -1.2
IRK			e	Smax 06 09 11.4
IRK	comp=N,935nm,1.2s			
IRK	ORL	8.92 252	e/PN e	Pn 06 06 39.1 +0.2
IRK	ORL		e	Pb 06 07 08.6
IRK	ORL		e	Sn 06 08 16.6 -2.8
IRK	ORL		e	Pmax 06 09 03.7
IRK	comp=Z,210nm,0.9s			
IRK			pmax	
IRK			smax	
IRK	comp=N,962nm,1.3s			
IRK	ULN	9.30 209	P	Pn 06 06 45.7 +1.4
IRK	ULN	9.30 209	P	Pb 06 06 45.7 +1.4
IRK	SOMN	9.52 211	P	Pb 06 06 46.4 -0.8
IRK	comp=N,1.6nm,0.3s,baz=21,slow=13,SNR=20			
IRK	SOMN		Lg	06 09 24.5
IRK	comp=N,31nm,0.3s,baz=20,slow=25,SNR=17			
IRK	SOMN		LR	06 09 33.2
IRK	comp=N,436nm,20.9s,baz=40,slow=38			
IRK	YAK	10.05 48	e/S e	Pn 06 06 48.1 -6.2
IRK	YAK		e	Sn 06 08 41.4 -5.5
IRK	YAK		e	Pmax 06 08 41.4 -5.5
IRK	comp=Z,4.0nm,0.6s			
IRK			smax	
IRK	comp=E,72nm,			

5d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JHS Salfiyo, BRVK Borovoye, and many others.

2015 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like OBN Obninsk, TOLSK Galich ya Gora, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MOA Mollin, OBKA Obir, KBA Koelnbreinsper, and many others.

BYKL 05 06:07:23.4:0.6,56113N*113.74E, East of Lake Baykal

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like SVKR Severomuyusk, UKT Uakit, and many others.

MOS 05 06:08:32.0:1.0,56111N*113.74E, h2km, mb.4/11, Error ellipse: s-maj=9.8km s-min=7.4km az=81.2 MOS Felt (I-II) at Severomuyusk.

5d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like OGRR, YKLR, ZRHH, TRG, etc.

BYKL 05 06:09:48.5±1.4, 56°10N×113°68E, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, UKT, NLYR, etc.

NOU 05 06:10:03.5, 6°86'S×130°23'E, h37km, mb4.8, Banda Sea
IDA 05 06:10:05.8±2.3, 7°14'S, 130°32'E, h52km, 22km, mb4.0/12,
mb1.4/2.16, mb1mx3.9/46, mbtmp4.4/16, ML4.8/5, MS3.0/1,
M1.3/0.1, ms1mx2.5/37, Error ellipse: s-maj=27.1km
s-min=13.8km az=83.0
DJA 05 06:10:07.6±0.3, 7°S±2×13°1E, h146km, 6km, M4.8/11,
mb4.8/9, mB5.3/4, MLw4.8/11, MW(mB)4.8/4
NEIC 05 06:10:08.6±2.6, 7°11'S±0.07×130°28'E±0.09, h81km, 8km,
mb4.6/19, Error ellipse: s-maj=13.3km s-min=9.5km
az=83.0

2015 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SAUI, BNDI, FAKI, etc.

BYKL 05 06:10:41.1±0.3, 56°16N×113°70E, h14km, 3km, 1D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, SVKR.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like UKT, YOA, NLYR, etc.

BYKL 05 06:15:04.8±0.2, 56°08N×113°67E, h5km, 4km, 2C-1D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, UKT, YOA, etc.

BYKL 05 06:15:36.5±0.4, 56°13N×113°69E, h7km, 5km, 1C, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, SVKR.

Table with columns: UKT, Uakit, 0.64 183, ePg, Pg, Sg, 06 15 47.5 -1.4, KMO, KMO, KMO, 169nm,0.4s, max, 842nm,1.0s, 1.42 261, ePg, Pn, Sg, 06 29 53.4 -1.6, 06 30 12.4 -1.2, 757nm,0.4s, Nelyaty, 1.18 71, ePg, Pg, Sg, 06 15 57.9 -1.2, 06 16 13.9 -0.5, 199nm,0.3s, NLYR, NLYR, Smax, 194nm,0.6s, KMO, KMO, KMO, 1.42 261, ePg, Pn, Sg, 06 16 02.0 -0.7, 06 16 21.3 -0.3, 181nm,0.3s, KMO, Smax, 299nm,0.6s, BOD, BOD, BOD, 1.70 6, eSg, Smax, Sn, 06 16 29.0 +0.4, 121nm,0.6s, YLYR, YLYR, YLYR, 1.91 230, ePn, Pn, Sg, 06 16 09.2 -0.3, 06 16 36.2 +0.5, 212nm,0.5s

BYKL 05 06:16:28.9,0.2,56:13N,113:70E,1C-2D,East of Lake Baykal

Main table for the first section with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, h, m, s, ISC, SVKR Severomuyksk, 0.08 261, Op, ISC, 06 16 30.4 0.0, UKT Uakit, 0.64 184, i/Pg, Sg, 06 16 40.1 -1.1, 160nm,0.4s, UKT, Smax, 272nm,0.3s, YOA, YOA, YOA, 1.11 271, ePg, Pg, Sg, 06 16 47.9 -2.2, 06 17 03.2 -1.2, 477nm,0.6s, YOA, Smax, 2um,0.4s, NLYR, NLYR, NLYR, 1.17 71, i/Pg, Pn, Sg, 06 16 49.7 -1.7, 06 16 51.8 -0.3, 06 17 05.4 -1.2, 553nm,0.2s, NLYR, Smax, 700nm,0.8s, KMO, KMO, KMO, KMO, 1.43 261, ePg, Pn, Sg, 06 16 54.6 -1.4, 06 17 13.1 -1.5, 06 17 17.8, 172nm,0.8s, KMO, max, 690nm,0.9s, BOD, BOD, BOD, 1.70 5, ePg, Pn, Sg, 06 16 59.4 -0.4, 06 17 21.6 -0.7, 157nm,0.9s, BOD, Smax, 385nm,0.6s, YLYR, YLYR, YLYR, 1.91 230, ePg, Pn, Sg, 06 17 02.9 +0.1, 06 17 28.5 -0.6, 88nm,0.6s, YLYR, Smax, 345nm,0.7s, NIZ, NIZ, NIZ, 2.37 263, eSn, Sn, Sg, 06 17 36.8 -1.9, 06 17 42.8 +0.7, 273nm,0.5s, CRS, CRS, CRS, CRS, 2.65 71, ePn, Pn, Sg, 06 17 13.9 +1.0, 06 17 16.7 -0.5, 06 17 51.8 +1.6, 127nm,0.9s, CRS, Smax, 277nm,0.9s, SYVR, SYVR, 3.27 222, eSg, Sg, 06 18 11.1 -2.8, 166nm,1.2s, TUP, TUP, TUP, 3.96 113, ePn, Pn, Sg, 06 17 30.6 -0.3, 06 18 30.9 +2.8, 181nm,1.1s, OGRR, OGRR, 4.32 237, eSg, Sg, 06 18 43.1 -4.4, 56nm,0.7s, TRG, TRG, 5.46 235, eSg, Sg, 06 19 16.8 +5.8, 89nm,0.8s, HRMR, HRMR, 6.02 224, eSg, Sg, 06 19 35.7 -6.4, 95nm,0.5s

BYKL 05 06:29:28.2,0.4,56:14N,113:68E,h2km,8km,3C-2D, East of Lake Baykal

Main table for the second section with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, h, m, s, ISC, SVKR Severomuyksk, 0.07 251, Op, ISC, 06 29 31.9 +2.3, SVKR Severomuyksk, 0.07 251, ePg, Sg, 06 29 34.3 +3.7, SVKR Severomuyksk, 0.07 251, ePg, Sg, 06 29 29.4 -0.2, 06 29 31.5 +0.9, 06 29 32.3 +2.7, 06 29 34.3 +3.7, UKT Uakit, 0.65 183, ePg, Pn, Sg, 06 29 41.6 -0.8, 06 29 50.2 +1.1, 116nm,0.6s, UKT, Smax, 307nm,1.1s, UKT Uakit, 0.65 183, ePg, Pg, Sg, 06 29 38.8 -1.9, 06 29 47.7 -1.4, 120nm,0.5s, UKT, Smax, 153nm,0.8s, UKT Uakit, 0.65 183, ePg, Pn, Sg, 06 29 41.7 -0.7, 06 29 50.2 +1.1, 120nm,0.6s, UKT, Smax, 304nm,1.0s, YOA, YOA, YOA, 1.09 270, ePg, Pn, Sg, 06 29 51.2 +0.6, 06 30 07.3 +1.0, 06 30 12.1, 205nm,0.4s, YOA, max, 2um,0.5s, NLYR, NLYR, NLYR, 1.18 72, ePg, Pg, Sg, 06 29 51.0 +0.2, 06 29 53.6, 06 30 07.3 +0.2, 06 30 11.3 +2.9, 540nm,0.3s, NLYR, max, 1um,1.0s, NLYR, NLYR, NLYR, 1.18 72, i/Pg, Pn, Sg, 06 29 48.8 -2.0, 06 29 50.8 -0.5, 06 30 06.2 +0.1, 203nm,0.4s, NLYR, Smax, 355nm,0.6s, NLYR, NLYR, NLYR, 1.18 72, ePg, Pn, Sg, 06 29 52.1 +0.3, 06 30 09.1 +0.7, 546nm,0.3s, NLYR, Smax, 1um,0.8s, KMO, KMO, 1.42 261, ePg, Pn, Sg, 06 29 56.5 +1.2, 06 29 57.9 +2.6

Main table for the 2015 JAN section with columns: KMO, KMO, KMO, 169nm,0.4s, max, 842nm,1.0s, 1.42 261, ePg, Pn, Sg, 06 29 53.4 -1.6, 06 30 12.4 -1.2, 73nm,0.4s, KMO, Smax, 167nm,0.7s, KMO, KMO, KMO, 1.42 261, ePg, Pn, Sg, 06 29 56.4 +1.1, 06 30 15.8 +1.6, 172nm,0.4s, KMO, Smax, 845nm,0.7s, BOD, BOD, BOD, 1.69 6, ePg, Pn, Sg, 06 30 01.3 +0.7, 06 30 23.6 +1.1, 74nm,0.3s, BOD, Smax, 307nm,0.7s, BOD, BOD, BOD, 1.69 6, ePg, Pn, Sg, 06 29 58.1 -0.7, 06 30 20.9 -0.1, 114nm,0.6s, BOD, Smax, 305nm,0.4s, BOD, BOD, BOD, 1.69 6, ePg, Pn, Sg, 06 30 01.3 +0.7, 06 30 23.2 +0.7, 139nm,0.5s, BOD, Smax, 297nm,0.4s, YLYR, YLYR, YLYR, 1.91 230, ePn, Pn, Sg, 06 30 04.6 -0.2, 06 30 05.5 +1.7, 06 30 07.5, 06 30 30.7 +1.1, 111nm,0.7s, YLYR, Smax, 619nm,1.1s, YLYR, YLYR, YLYR, 1.91 230, ePg, Pn, Sg, 06 30 01.9 +0.1, 06 30 28.1 0.0, 189nm,0.4s, YLYR, YLYR, YLYR, 1.91 230, i/Pg, Pn, Sg, 06 30 04.6 -0.2, 06 30 30.6 +1.0, 619nm,0.8s, NIZ, NIZ, NIZ, 2.36 263, ePn, Pn, Sg, 06 30 10.8 -0.5, 06 30 13.5 +0.2, 06 30 45.2 +1.4, 36nm,0.9s, NIZ, Smax, 203nm,0.6s, NIZ, NIZ, NIZ, 2.36 263, ePg, Pn, Sg, 06 30 10.4 -0.9, 06 30 41.7 +0.9, 33nm,0.5s, NIZ, Smax, 59nm,0.5s, NIZ, NIZ, NIZ, 2.36 263, ePg, Pn, Sg, 06 30 12.8 -0.5, 06 30 43.1 -0.7, 40nm,0.7s, NIZ, Smax, 203nm,0.5s, CRS, CRS, CRS, 2.65 71, i/Pg, Pn, Sg, 06 30 15.8 -0.6, 06 30 18.5 -0.5, 06 30 50.7 +1.2, 239nm,1.0s, CRS, Smax, 176nm,0.7s, CRS, CRS, CRS, 2.65 71, ePn, Pn, Sg, 06 30 13.9 +1.9, 06 30 15.6 -0.8, 06 30 50.6 +1.1, 59nm,0.8s, CRS, Smax, 61nm,0.5s, CRS, CRS, CRS, 2.65 71, i/Pg, Pn, Sg, 06 30 18.7 -0.3, 06 30 53.3 -0.1, 238nm,0.9s, CRS, Smax, 178nm,0.5s, SYVR, SYVR, SYVR, 3.27 222, ePn, Pn, Sg, 06 30 24.0 -2.9, 06 30 28.8 -2.0, 06 30 32.7 +1.9, 06 30 34.6, 06 31 12.1 -1.1, 36nm,1.0s, SYVR, Smax, 192nm,1.7s, SYVR, SYVR, SYVR, 3.27 222, ePn, Pn, Sg, 06 30 22.9 +2.4, 06 31 10.0 +2.8, 208nm,1.0s, SYVR, SYVR, SYVR, 3.27 222, ePg, Pn, Sg, 06 30 29.5 -1.3, 06 31 12.3 -0.9, 68nm,0.6s, SYVR, Smax, 165nm,1.0s, VTMR, VTMR, VTMR, 3.36 350, ePn, Pn, Sg, 06 30 23.9 +2.2, 06 30 32.0 -0.6, 06 31 16.3 +0.1, 06 30 31.6 +1.4, 06 30 42.1 -2.3, 06 31 16.7 -0.7, 06 31 31.8 -4.1, 06 31 36.8 +0.9, 19nm,0.4s, TUP, max, 186nm,1.0s, TUP, TUP, TUP, 3.98 113, ePn, Pn, Sg, 06 30 28.5 -1.7, 06 30 39.4 +0.4, 06 31 31.6 +4.1, 22nm,0.5s, TUP, Smax, 74nm,1.0s, TUP, Smax, 22nm,1.1s, TUP, Smax, 185nm,1.0s, MXMB, MXMB, MXMB, 4.06 227, ePg, Pn, Sg, 06 30 43.7 -2.3, 06 31 36.9 -1.7, 06 30 36.8 +2.0, 06 30 48.5 -2.3, 06 30 51.3, 06 31 26.7 +1.1, 06 31 44.4 -2.2, 13nm,0.9s, OGRR, Smax, 75nm,1.8s, OGRR, OGRR, OGRR, 4.31 237, ePn, Pn, Sg, 06 30 33.2 -1.6, 06 31 42.0 -4.6, 14nm,0.7s, YKLR, YKLR, YKLR, 4.46 81, ePg, Pn, Sg, 06 30 48.5 +1.4, 06 31 46.1 +4.8, 06 31 08.2 +4.1, 06 32 18.3 -5.0, 7.0nm,1.2s, TRG, TRG, TRG, 5.46 235, ePg, Pn, Sg, 06 32 20.3 -3.0, 28nm,1.1s, TRG, TRG, 6.50 187, ePg, Pn, Sg, 06 31 26.5 +4.6

Table with columns: KPC, KPC, KPC, 2.0nm,0.6s, Smax, 61nm,1.6s, IDC 05 06:31:48.2,5.7,13:09S,114:44W,h0km,mb3.5/3, mb1 4.0/3,mb1mx3.6/36,mbtmp3.5/3,MS3.8/10, Ms1 3.8/10,ms1mx3.6/22,Error ellipse: s-maj=394.7km s-min=120.5km az=94.0,Central East Pacific Rise, Code, Station Name, Δ° AZZ, Phase ID, Time, Res, h, m, s, ISC, CMIG Matias Romero, 35.67 33, Op, ISC, 06 48 01.8, 06 49 01.8, LPIG La Paz, 37.19 6, LR, LR, 06 50 19.1, JTS Las Juntas de, 37.37 53, LR, LR, 06 49 32.9, H03N2 Juan Fernandez, 38.13 128, T, T, 07 17 00.8, H03N3 Juan Fernandez, 38.14 128, T, T, 07 17 04.7, H03N1 Juan Fernandez, 38.14 128, T, T, 07 17 02.1, RAR Rarotonga, 43.94 253, LR, LR, 06 53 50.8, PLCA Paso Flores, 47.16 134, LR, LR, 06 54 27.9, NVAR Mina Array Bea, 51.38 356, P, P, 06 40 54.3 -0.8, CPUP Villa Florida, 54.95 113, LR, LR, 06 59 04.8, PDAR Pinedale Array, 55.76 4, P, P, 06 41 27.1 0.0, PMSA Palmer Station, 61.99 158, LR, LR, 07 01 27.9, URZ Urewera, 65.13 234, LR, LR, 07 04 25.9, YKA Yellowknife Ar, 75.34 360, P, P, 06 43 34.1 +1.0, YKA, LR, 07 13 22.5, ILAR Eielson Array, 81.43 347, LR, LR, 07 12 41.3, MKAR Makanchi Array, 143.58 341, PKP, PKPbc, 06 51 23.6 +1.1

IDC 05 06:36:36.9,6.8,19:15S,176:28W,h0km,mb4.0/2, mb1 4.3/2,mb1mx3.6/32,mbtmp4.0/2, Error ellipse: s-maj=286.7km s-min=109.6km az=153.0,Fiji Islands region

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, h, m, s, ISC, WRA Warramunga Arr, 46.41 260, P, P, 06 45 05.8 +0.1, ASAR Alice Springs, 46.42 255, P, P, 06 45 05.3 -0.4, AKASG Malin Array Be, 142.59 333, PKP, PKPpdf, 06 56 11.1 -0.7

IDC 05 06:46:23.3,2.4,37:30N,38:81E,h0km,mb3.5/3, mb1 3.6/6,mb1mx3.3/41,mbtmp3.4/6,ML2.9/3, Error ellipse: s-maj=40.8km s-min=15.3km az=2.0, ISK 05 06:46:24.8,38:31N,38:79E,h2km,ML3.8/34, DDA 05 06:46:25.6,38:30N,38:81E,h16km,1km,MW3.9, ISC 05 06:46:25.9,0.9,38:31N,0:02,38:80E,0:02,h12km,7km, n73,i134/86,Turkey

Main table for the IDC section with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, h, m, s, ISC, ELZG Elazig, 0.24 37, Op, ISC, 06 46 31.0 0.0, 06 46 35.0 +0.4, 06 46 36.0, ELZG, IAML, 06 46 37.0, ELZG, IAML, 06 46 37.0, MALT Malatya, 0.29 272, PG, Pg, 06 46 31.8 -0.2, 06 46 36.4 +0.3, 06 46 33.4 -0.6, SVRC Sivrice-ELAZIG, 0.40 79, PG, Pg, 06 46 39.2 -0.2, 06 46 49.3 -0.1, 06 46 50.0, AKCD Akcadag, 0.69 270, i/P, Sg, 06 46 51.0, URFA Urfa, 0.86 179, PG, Pg, 06 46 42.4 -0.1, 06 46 55.5 -0.9, 06 46 42.2 -0.9, HEKM Malatya Hekimh, 0.88 311, i/S, Sg, 06 46 55.1 +0.8, 06 46 58.0, HEKM, IAML, 06 46 59.0, HEKM, IAML, 06 46 59.0, KOVA Elazig, Kovanc, 0.89 63, i/P, Pn, 06 46 42.5 -0.8, 06 47 00.0, KOVA, IAML, 06 47 05.0, KOVA, IAML, 06 47 05.0, ATAB Bozova, 0.93 206, i/P, Pn, 06 46 44.2 -0.5, 06 46 59.0, ATAB, IAML, 06 46 59.0, KEMA Kemaliye, 0.99 346, i/P, Pn, 06 46 44.4 -0.7, 06 46 57.8 -0.2, 06 47 00.0, KEMA, IAML, 06 47 02.0, KEMA, IAML, 06 47 02.0, TNCL Tunceli-Merkez, 0.99 35, i/P, Pn, 06 46 43.8 -1.2, 06 46 59.4 -0.4, 06 47 00.0, TNCL, IAML, 06 47 00.0, TNCL, IAML, 06 47 01.0, DARE Darende-Malatya, 1.07 285, PG, Pn, 06 46 45.3 -1.0, 06 47 01.4 -0.2, 06 47 47.4 +0.2, DIYA Diyarbakir, 1.11 110, i/S, Sg, 06 47 02.3 -0.1, 06 47 08.0, DIYA, IAML, 06 47 08.0, DIYA, IAML, 06 47 09.0, DIYA, IAML, 06 47 09.0, DYBB Diyarbakir, 1.11 108, PN, Pn, 06 46 47.2 -0.1, 06 46 48.1 +0.3, 06 47 03.9 +1.3, SANL SANLURFA_Merk, 1.14 172, i/P, Sg, 06 47 05.0, SANL, IAML, 06 47 05.0, SANL, IAML, 06 47 05.0, ILIC ilic-Erzincan, 1.16 351, PN, Pn, 06 46 47.5 -0.4, 06 46 49.2 -0.3, 06 47 06.3 -0.2, HANI Diyarbakir_Han, 1.26 84, i/S, Sg, 06 47 08.0, HANI, IAML, 06 47 08.0, HANI, IAML, 06 47 09.0, HANI, IAML, 06 47 09.0, CUGUR Gurin_SVAS, 1.27 290, i/P, Pn, 06 46 49.4 -0.4, CUGUR, IAML, 06 47 13.0, CUGUR, IAML, 06 47 14.0, CUGUR, IAML, 06 47 14.0, ELBS KAHRAMANMARAS1, 31 271, i/P, Pn, 06 46 50.5 0.0, ELBS, IAML, 06 47 13.0, ELBS, IAML, 06 47 14.0, GZT Gaziantep, 1.36 226, i/P, Pn, 06 46 51.1 -0.2, GZT, IAML, 06 47 13.0, GZT, IAML, 06 47 14.0, GZT, IAML, 06 47 14.0, CUKAN kangal_SIVAS, 1.45 314, i/P, Pn, 06 46 53.1 -0.7, CUKAN, IAML, 06 47 17.0, CUKAN, IAML, 06 47 21.0, CUKAN, IAML, 06 47 21.0, ERZN Erzincan, 1.47 29, PN, Pn, 06 46 53.1 -0.1, 06 46 54.5 -0.1, 06 46 54.7 -0.1, MAZI Mazidag, 1.55 122, PN, Pn, 06 46 54.7 -0.1, 06 47 20.0, EUZM Uzumlu, 1.56 26, i/P, Pn, 06 47 20.0, EUZM, IAML, 06 47 20.0, EUZM, IAML, 06 47 20.0

Table with columns for station name, frequency, and coordinates. Includes stations like NLYR, KMO, NIZ, SYVR, and ZEA.

Main table with columns for station name, frequency, and coordinates. Includes stations like ZEA, MOY, SONM, YAK, KLR, ZALV, KSRs, KURK, MKAR, YKA, and BYKL.

Table with columns for station name, frequency, and coordinates. Includes stations like YLYR, NIZ, CRS, SYVR, and various island stations like DZM, WRA, ASAR, CMAR, etc.

KMO	Kumora	1.45 262	i/Pg	Pn	11 11 29.0	-1.2
KMO			e		11 11 31.1	
KMO			eSg	Sn	11 11 48.3	+0.9
KMO			e		11 11 51.9	
KMO	comp=E,231nm,0.6s		max			
KMO	comp=E,984nm,0.6s		max			
KMO	Kumora	1.45 262	ePG	Pn	11 11 29.0	-1.2
KMO			e		11 11 48.3	
KMO	comp=Z,119nm,0.4s		pmax	pmax		
KMO	comp=E,985nm,0.6s		smax	smax		
BOD	Bodaibo	1.71 5	ePn	Pn	11 11 34.0	+0.3
BOD			ePg	Pb	11 11 34.3	+1.1
BOD			eSg	Sn	11 11 56.4	+0.8
BOD			e			
BOD	comp=E,75nm,0.2s		Smax			
BOD	comp=E,660nm,0.4s		e			
BOD	Bodaibo	1.71 5	ePN	Pn	11 11 34.1	+0.3
BOD			e		11 11 56.7	
BOD	comp=Z,223nm,0.6s		pmax	pmax		
BOD	comp=E,660nm,0.4s		smax	smax		
YLVR	Ulyunkhan	1.93 231	i/Pn	Pn	11 11 37.4	+0.7
YLVR			ePg	Pb	11 11 38.1	-1.0
YLVR			e		11 11 40.2	
YLVR			eSg	Sb	11 12 02.9	-0.3
YLVR			e			
YLVR	comp=E,99nm,0.5s		Smax			
YLVR	comp=E,898nm,0.6s		e			
YLVR	Ulyunkhan	1.93 231	ePN	Pn	11 11 37.5	+0.7
YLVR			e		11 11 38.7	
YLVR			eS	Sn	11 12 01.6	+0.6
YLVR			e		11 12 02.9	
YLVR	comp=Z,98nm,0.4s		pmax	pmax		
YLVR	comp=E,901nm,0.5s		smax	smax		
NIZ	Nizh Angarsk	2.39 263	ePn	Pn	11 11 43.2	+0.1
NIZ			ePg	Pb	11 11 50.9	+1.3
NIZ			eSg	Sb	11 12 16.5	0.0
NIZ			e			
NIZ	comp=E,45nm,0.7s		Smax			
CRS	Chara	2.63 71	i/Pn	Pn	11 11 47.0	+0.6
CRS			ePg	Pb	11 11 51.3	+0.3
CRS			e		11 12 19.7	+1.4
CRS			eSg	Sb	11 12 25.8	+2.5
CRS			e			
CRS	comp=E,409nm,0.9s		Smax			
CRS	comp=E,281nm,1.0s		e			
CRS	Chara	2.63 71	ePN	Pn	11 11 46.8	+0.4
CRS			e		11 12 25.3	
CRS	comp=Z,244nm,0.6s		pmax	pmax		
CRS	comp=E,281nm,0.8s		smax	smax		
SYVR	Suvo	3.28 223	ePn	Pn	11 11 55.5	+0.2
SYVR			ePg	Pb	11 12 02.3	+0.1
SYVR			eSg	Sb	11 12 32.9	-1.5
SYVR			e		11 12 44.8	+2.7
SYVR			e		11 12 52.6	
SYVR	comp=E,47nm,1.3s		max			
SYVR	comp=E,290nm,1.6s		max			
SYVR	Suvo	3.28 223	ePN	Pn	11 11 55.5	+0.2
SYVR			e		11 12 02.8	
SYVR			e		11 12 44.4	
SYVR	comp=Z,48nm,0.6s		pmax	pmax		
SYVR	comp=N,304nm,1.4s		smax	smax		
VTMR	Vitim	3.39 350	ePn	Pn	11 11 57.0	+0.2
VTMR			ePg	Pb	11 12 04.7	+0.7
VTMR			eSg	Sn	11 12 37.1	+0.1
VTMR			e		11 12 47.5	+2.3
TUP	Tupik	3.94 113	ePn	Pn	11 12 04.5	+0.2
TUP			ePg	Pb	11 12 15.1	+1.8
TUP			eSg	Sn	11 12 49.7	-0.9
TUP			e		11 13 05.6	+4.6
TUP			eSgSg	Sg	11 13 09.9	-0.3
TUP			e			
TUP	comp=N,19nm,0.7s		max			
TUP	comp=N,289nm,0.9s		max			
TUP	Tupik	3.94 113	i/PN	Pn	11 12 04.5	+0.2
TUP			e		11 12 14.0	
TUP			eS	Sn	11 12 49.4	-1.2
TUP			e		11 13 04.3	
TUP	comp=Z,19nm,0.5s		pmax	pmax		
TUP	comp=E,290nm,0.9s		smax	smax		
MXMB	Maximikha	4.08 227	ePg	Pb	11 12 17.0	+1.3
MXMB			eSg	Sb	11 13 09.6	+4.6
CIT	Chita	4.11 182	ePN	Pn	11 12 04.0	-2.7
CIT			e		11 12 16.2	
CIT			eS	Sn	11 12 54.8	-0.1
CIT			e		11 13 10.2	
CIT	comp=Z,54nm,1.2s		pmax	pmax		
CIT	comp=E,169nm,1.7s		smax	smax		
OGRR	Ongureny	4.33 238	ePn	Pn	11 12 11.0	+1.2
OGRR			ePg	Pb	11 12 20.6	+0.5
OGRR			eSg	Sb	11 13 16.9	+4.5
OGRR			e			
OGRR	comp=E,23nm,1.2s		Smax			
OGRR	comp=E,46nm,0.6s		e			
OGRR	Ongureny	4.33 238	ePN	Pn	11 12 10.9	+1.2
OGRR			e		11 12 21.9	
OGRR			e		11 13 16.5	
OGRR	comp=Z,25nm,2.0s		pmax	pmax		
OGRR	comp=N,66nm,1.9s		smax	smax		
YKLR	Yuktali	4.42 81	ePn	Pn	11 12 11.3	+0.3
YKLR			ePg	Pb	11 12 22.6	+1.0
YKLR			e		11 12 26.4	
YKLR			eSg	Sb	11 13 20.4	+5.4
ZRHB	Zarechye	5.26 230	ePg	Pb	11 13 45.6	+6.7
ZRHB			e			
ZRHB	comp=N,198nm,1.4s		Smax			
TRG	Tyrgan	5.47 235	ePg	Pb	11 12 40.9	+1.4
TRG			e		11 13 51.0	+5.8
TRG			e			
TRG	comp=N,21nm,1.4s		Smax			
KPC	Khapcheranga	6.48 188	ePn	Pn	11 12 36.8	-0.5
KPC			ePg	Pb	11 13 00.7	+4.0
KPC			eSg	Sn	11 13 50.0	-3.3
KPC			e		11 14 24.0	-7.8
KPC			e		11 14 32.5	
KPC	comp=N,3.0nm,0.9s		Pmax			
KPC	comp=N,100nm,1.1s		max			
KPC	Khapcheranga	6.48 188	ePN	Pn	11 12 36.1	-1.2
KPC			e		11 12 59.0	
KPC			e		11 14 22.7	
KPC	comp=Z,6.0nm,0.6s		smax	smax		
KPC	comp=E,100nm,1.2s		smax	smax		
IRK	Irkutsk	6.78 239	ePg	Pb	11 13 07.4	+5.6
IRK			e		11 14 32.9	
IRK	comp=Z,197nm,0.1s		pmax	pmax		
IRK	comp=N,135nm,0.8s		smax	smax		
ZAK	Zakamensk	8.50 232	ePg	Pg	11 13 45.9	-0.7
ZAK			e		11 15 32.9	

ZAK	comp=Z,3.0nm,0.3s		pmax	pmax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
ZAK	comp=N,40nm,1.3s		smax	smax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
MOY	Mondy	8.75 245	ePN	Pn	11 13 12.5	+2.0																																																																																																																																																																																																																																																																																																																																																																																																																																																	
MOY			e		11 13 41.1																																																																																																																																																																																																																																																																																																																																																																																																																																																		
MOY			eS	Sn	11 14 47.7	-1.4																																																																																																																																																																																																																																																																																																																																																																																																																																																	
MOY			e		11 15 33.2																																																																																																																																																																																																																																																																																																																																																																																																																																																		
MOY	comp=Z,2.0nm,0.3s		pmax	pmax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
MOY	comp=N,46nm,1.7s		smax	smax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
ORL	Orlik	8.90 252	ePN	Pn	11 13 13.8	+1.3																																																																																																																																																																																																																																																																																																																																																																																																																																																	
ORL			eS	Sn	11 13 43.5																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ORL			e		11 14 51.4	-1.3																																																																																																																																																																																																																																																																																																																																																																																																																																																	
ORL			e		11 15 36.9																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ORL	comp=Z,2.0nm,0.6s		pmax	pmax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
ORL	comp=N,16nm,1.9s		smax	smax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
SONM	Songino Array	9.45 212	Pn	Pn	11 13 21.9	+1.8																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SONM	comp=N,0.1nm,0.3s,baz=26,slow=12,SNR=2.4		Pg																																																																																																																																																																																																																																																																																																																																																																																																																																																				
SONM	comp=N,0.2nm,0.3s,baz=8.5,slow=13,SNR=4.8		Lg		11 13 55.7																																																																																																																																																																																																																																																																																																																																																																																																																																																		
SONM	comp=N,1.1nm,0.3s,baz=13,slow=27,SNR=14		Lg		11 15 59.2																																																																																																																																																																																																																																																																																																																																																																																																																																																		
KLR	Kul'dur	12.90 115	Pn	Pn	11 14 04.7	-2.4																																																																																																																																																																																																																																																																																																																																																																																																																																																	
KLR	comp=N,0.2nm,0.3s,baz=317,slow=18,SNR=2.2		Lg		11 17 45.8																																																																																																																																																																																																																																																																																																																																																																																																																																																		
KURK	Kurchatov	21.46 270	P	P	11 15 54.1	+2.0																																																																																																																																																																																																																																																																																																																																																																																																																																																	
MKAR	Makanchi Array	21.53 258	P	P	11 15 55.1	+2.1																																																																																																																																																																																																																																																																																																																																																																																																																																																	
KURB	Kurchatov Arr	21.55 270	P	P	11 15 54.1	+1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																	
AKTO	Aktyubinsk	33.01 284	LR	LR	11 33 31.9																																																																																																																																																																																																																																																																																																																																																																																																																																																		
YKA	Yellowknife Ar	55.88 25	P	P	11 20 40.5	-0.5																																																																																																																																																																																																																																																																																																																																																																																																																																																	
YKA	comp=N,0.3nm,0.7s,baz=336,slow=6.8,SNR=4.1		P																																																																																																																																																																																																																																																																																																																																																																																																																																																				
<p><i>BJI 05 11:19:06.6:0.0,56:31N:114:18E,h4km,mb4.0/1,mb3.9/7,ML4.8/1,Ms4.2/2,Ms7.3/9/1</i></p> <p><i>MOS 05 11:19:08.1:1.4,56:09N:113:80E,h3km,mb4.1/3,MS3.0/4,Error ellipse: s-maj=9.7km s-min=6.6km az=68.5</i></p> <p><i>IDC 05 11:19:10.6:0.9,56:16N:113:76E,h0km,mb3.7/9,mb1.3/3/1/3,mb1mx3.6/59,mbtmp3.7/13,ML3.6/4,MS3.1/10,Ms1.3/1/10,ms1mx2.9/51,Error ellipse: s-maj=27.3km s-min=14.2km az=151.0</i></p> <p><i>BYKL 05 11:19:10.0:0.2,56:12N:113:72E,h6km,3km</i></p> <p><i>ISC 05 11:19:09.9:1.1,56:19N:103:113.76E,0.02,h1km,8km,m79,cz=58/126,mb3.9/11,MS3.0/8,8C-14D,East of Lake</i></p>																																																																																																																																																																																																																																																																																																																																																																																																																																																							
<table border="1"> <tr><th>Code</th><th>Station Name</th><th>Δ°</th><th>AZ°</th><th>Phase ID</th><th>Time</th><th>Res</th></tr> <tr><td>SVKR</td><td>Severomuysk</td><td>0.13</td><td>236</td><td>Op</td><td>h m s</td><td>ISC</td></tr> <tr><td>SVKR</td><td></td><td></td><td></td><td>Op</td><td>11 19 12.0</td><td>-0.5</td></tr> <tr><td>SVKR</td><td>31μm,0.2s</td><td></td><td></td><td>Pmax</td><td>11 19 12.1</td><td></td></tr> <tr><td>SVKR</td><td></td><td></td><td></td><td>eSg</td><td>11 19 14.0</td><td>-0.2</td></tr> <tr><td>SVKR</td><td></td><td></td><td></td><td>e</td><td>11 19 14.2</td><td></td></tr> <tr><td>SVKR</td><td>88μm,0.2s</td><td></td><td></td><td>Smax</td><td></td><td></td></tr> <tr><td>SVKR</td><td>Severomuysk</td><td>0.13</td><td>236</td><td>i/Pg</td><td>Pg</td><td>11 19 12.0</td><td>-0.5</td></tr> <tr><td>SVKR</td><td></td><td></td><td></td><td>eS</td><td>11 19 13.8</td><td>-0.4</td></tr> <tr><td>SVKR</td><td></td><td></td><td></td><td>e</td><td>11 19 20.8</td><td>-2.7</td></tr> <tr><td>SVKR</td><td></td><td></td><td></td><td>e</td><td>11 19 25.3</td><td></td></tr> <tr><td>UKT</td><td>Uakit</td><td>0.71</td><td>186</td><td>ePg</td><td>Pg</td><td>11 19 25.3</td><td></td></tr> <tr><td>UKT</td><td></td><td></td><td></td><td>e</td><td></td><td></td></tr> <tr><td>UKT</td><td>438nm,0.4s</td><td></td><td></td><td>Pmax</td><td></td><td></td></tr> <tr><td>UKT</td><td></td><td></td><td></td><td>eSg</td><td>11 19 29.5</td><td>-3.1</td></tr> <tr><td>UKT</td><td></td><td></td><td></td><td>e</td><td>11 19 36.3</td><td></td></tr> <tr><td>NLYR</td><td>Nelyaty</td><td>1.12</td><td>74</td><td>i/Pg</td><td>Pb</td><td>11 19 31.2</td><td>-0.9</td></tr> <tr><td>NLYR</td><td></td><td></td><td></td><td>ePg</td><td>Pn</td><td>11 19 33.4</td><td>+0.6</td></tr> <tr><td>NLYR</td><td></td><td></td><td></td><td>e</td><td>11 19 33.7</td><td></td></tr> <tr><td>NLYR</td><td>3μm,0.2s</td><td></td><td></td><td>eSg</td><td>11 19 46.5</td><td>-0.7</td></tr> <tr><td>NLYR</td><td></td><td></td><td></td><td>e</td><td>11 19 51.3</td><td></td></tr> <tr><td>NLYR</td><td></td><td></td><td></td><td>e</td><td>11 19 54.9</td><td></td></tr> <tr><td>NLYR</td><td>5μm,0.8s</td><td></td><td></td><td>max</td><td></td><td></td></tr> <tr><td>NLYR</td><td>Nelyaty</td><td>1.12</td><td>74</td><td>i/Pg</td><td>Pb</td><td>11 19 31.2</td><td>-0.9</td></tr> <tr><td>NLYR</td><td></td><td></td><td></td><td>e</td><td>11 19 47.2</td><td></td></tr> <tr><td>NLYR</td><td>comp=Z,3μm,0.7s</td><td></td><td></td><td>pmax</td><td>pmax</td><td></td><td></td></tr> <tr><td>NLYR</td><td></td><td></td><td></td><td>smax</td><td>smax</td><td></td><td></td></tr> <tr><td>YOA</td><td>Uoyan</td><td>1.14</td><td>268</td><td>i/Pg</td><td>Pb</td><td>11 19 30.6</td><td>-1.8</td></tr> <tr><td>YOA</td><td></td><td></td><td></td><td>ePg</td><td>Pn</td><td>11 19 31.9</td><td>-1.1</td></tr> <tr><td>YOA</td><td></td><td></td><td></td><td>e</td><td>11 19 34.9</td><td></td></tr> <tr><td>YOA</td><td>comp=E,733nm,0.3s</td><td></td><td></td><td>max</td><td></td><td></td></tr> <tr><td>YOA</td><td></td><td></td><td></td><td>eSg</td><td>11 19 45.4</td><td>-2.3</td></tr> <tr><td>YOA</td><td></td><td></td><td></td><td>e</td><td>11 19 51.5</td><td></td></tr> <tr><td>YOA</td><td></td><td></td><td></td><td>e</td><td>11 19 52.6</td><td></td></tr> <tr><td>YOA</td><td>comp=E,5μm,0.4s</td><td></td><td></td><td>max</td><td></td><td></td></tr> <tr><td>YOA</td><td>Uoyan</td><td>1.14</td><td>268</td><td>i/Pg</td><td>Pb</td><td>11 19 30.6</td><td>-1.8</td></tr> <tr><td>YOA</td><td></td><td></td><td></td><td>e</td><td>11 19 46.2</td><td></td></tr> <tr><td>YOA</td><td>comp=Z,457nm,0.2s</td><td></td><td></td><td>pmax</td><td>pmax</td><td></td><td></td></tr> <tr><td>YOA</td><td>comp=N,5μm,0.4s</td><td></td><td></td><td>smax</td><td>smax</td><td></td><td></td></tr> <tr><td>KMO</td><td>Kumora</td><td>1.47 259</td><td>i/Pg</td><td>Pn</td><td>11 19 35.9</td><td>-1.6</td></tr> <tr><td>KMO</td><td></td><td></td><td>ePg</td><td>Pb</td><td>11 19 37.4</td><td>-0.6</td></tr> <tr><td>KMO</td><td></td><td></td><td>e</td><td></td><td>11 19 39.1</td><td></td></tr> <tr><td>KMO</td><td></td><td></td><td>e</td><td></td><td>11 19 39.4</td><td></td></tr> <tr><td>KMO</td><td>comp=N,863nm,0.5s</td><td></td><td>max</td><td></td><td></td><td></td></tr> <tr><td>KMO</td><td></td><td></td><td>eSg</td><td>Sn</td><td>11 19 54.7</td><td>-2.6</td></tr> <tr><td>KMO</td><td></td><td></td><td>eSb</td><td>Sb</td><td>11 19 57.4</td><td>+0.3</td></tr> <tr><td>KMO</td><td></td><td></td><td>e</td><td></td><td>11 20 01.0</td><td></td></tr> <tr><td>KMO</td><td>comp=N,3μm,0.6s</td><td></td><td>max</td><td></td><td></td><td></td></tr> <tr><td>KMO</td><td>Kumora</td><td>1.47 259</td><td>ePg</td><td>Pn</td><td>11 19 35.8</td><td>-1.7</td></tr> <tr><td>KMO</td><td></td><td></td><td>e</td><td></td><td>11 19 54.7</td><td></td></tr> <tr><td>KMO</td><td>comp=Z,209nm,0.3s</td><td></td><td>pmax</td><td>pmax</td><td></td><td></td></tr> <tr><td>KMO</td><td>comp=N,3μm,0.9s</td><td></td><td>smax</td><td>smax</td><td></td><td></td></tr> <tr><td>BOD</td><td>Bodaibo</td><td>1.64 5</td><td>ePg</td><td>Pb</td><td>11 19 40.9</td><td>+0.1</td></tr> <tr><td>BOD</td><td></td><td></td><td>e</td><td></td><td>11 19 43.0</td><td></td></tr> <tr><td>BOD</td><td>comp=N,929nm,0.9s</td><td></td><td>Pmax</td><td></td><td></td><td></td></tr> <tr><td>BOD</td><td></td><td></td><td>eSg</td><td>Sg</td><td>11 20 03.4</td><td>+0.9</td></tr> <tr><td>BOD</td><td></td><td></td><td>e</td><td></td><td>11 20 05.6</td><td></td></tr> <tr><td>BOD</td><td>comp=N,3μm,1.5s</td><td></td><td>Smax</td><td></td><td></td><td></td></tr> <tr><td>BOD</td><td>Bodaibo</td><td>1.64 5</td><td>ePN</td><td>Pb</td><td>11 19 41.0</td><td>+0.1</td></tr> <tr><td>BOD</td><td></td><td></td><td>e</td><td></td><td>11 20 03.6</td><td></td></tr> <tr><td>BOD</td></tr></table>							Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	SVKR	Severomuysk	0.13	236	Op	h m s	ISC	SVKR				Op	11 19 12.0	-0.5	SVKR	31μm,0.2s			Pmax	11 19 12.1		SVKR				eSg	11 19 14.0	-0.2	SVKR				e	11 19 14.2		SVKR	88μm,0.2s			Smax			SVKR	Severomuysk	0.13	236	i/Pg	Pg	11 19 12.0	-0.5	SVKR				eS	11 19 13.8	-0.4	SVKR				e	11 19 20.8	-2.7	SVKR				e	11 19 25.3		UKT	Uakit	0.71	186	ePg	Pg	11 19 25.3		UKT				e			UKT	438nm,0.4s			Pmax			UKT				eSg	11 19 29.5	-3.1	UKT				e	11 19 36.3		NLYR	Nelyaty	1.12	74	i/Pg	Pb	11 19 31.2	-0.9	NLYR				ePg	Pn	11 19 33.4	+0.6	NLYR				e	11 19 33.7		NLYR	3μm,0.2s			eSg	11 19 46.5	-0.7	NLYR				e	11 19 51.3		NLYR				e	11 19 54.9		NLYR	5μm,0.8s			max			NLYR	Nelyaty	1.12	74	i/Pg	Pb	11 19 31.2	-0.9	NLYR				e	11 19 47.2		NLYR	comp=Z,3μm,0.7s			pmax	pmax			NLYR				smax	smax			YOA	Uoyan	1.14	268	i/Pg	Pb	11 19 30.6	-1.8	YOA				ePg	Pn	11 19 31.9	-1.1	YOA				e	11 19 34.9		YOA	comp=E,733nm,0.3s			max			YOA				eSg	11 19 45.4	-2.3	YOA				e	11 19 51.5		YOA				e	11 19 52.6		YOA	comp=E,5μm,0.4s			max			YOA	Uoyan	1.14	268	i/Pg	Pb	11 19 30.6	-1.8	YOA				e	11 19 46.2		YOA	comp=Z,457nm,0.2s			pmax	pmax			YOA	comp=N,5μm,0.4s			smax	smax			KMO	Kumora	1.47 259	i/Pg	Pn	11 19 35.9	-1.6	KMO			ePg	Pb	11 19 37.4	-0.6	KMO			e		11 19 39.1		KMO			e		11 19 39.4		KMO	comp=N,863nm,0.5s		max				KMO			eSg	Sn	11 19 54.7	-2.6	KMO			eSb	Sb	11 19 57.4	+0.3	KMO			e		11 20 01.0		KMO	comp=N,3μm,0.6s		max				KMO	Kumora	1.47 259	ePg	Pn	11 19 35.8	-1.7	KMO			e		11 19 54.7		KMO	comp=Z,209nm,0.3s		pmax	pmax			KMO	comp=N,3μm,0.9s		smax	smax			BOD	Bodaibo	1.64 5	ePg	Pb	11 19 40.9	+0.1	BOD			e		11 19 43.0		BOD	comp=N,929nm,0.9s		Pmax				BOD			eSg	Sg	11 20 03.4	+0.9	BOD			e		11 20 05.6		BOD	comp=N,3μm,1.5s		Smax				BOD	Bodaibo	1.64 5	ePN	Pb	11 19 41.0	+0.1	BOD			e		11 20 03.6		BOD
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KMO			eSb	Sb	11 19 57.4	+0.3																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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KMO	comp=N,3μm,0.6s		max																																																																																																																																																																																																																																																																																																																																																																																																																																																				
KMO	Kumora	1.47 259	ePg	Pn	11 19 35.8	-1.7																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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KMO	comp=Z,209nm,0.3s		pmax	pmax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
KMO	comp=N,3μm,0.9s		smax	smax																																																																																																																																																																																																																																																																																																																																																																																																																																																			
BOD	Bodaibo	1.64 5	ePg	Pb	11 19 40.9	+0.1																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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BOD	comp=N,929nm,0.9s		Pmax																																																																																																																																																																																																																																																																																																																																																																																																																																																				
BOD			eSg	Sg	11 20 03.4	+0.9																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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BOD	comp=N,3μm,1.5s		Smax																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Table with columns: AAK, Alas-Archa, 21.05 81 P, 11 26 20.5 +2.4, etc.

IDC 05 11:38:14.5:3.3, 3.68S:133.63E, h0km, mb3.2/1, mb1 3.6/4, mb1mx3.4/34, mbmp3.4/4, ML3.1/3, Error ellipse: s-maj=135.7km s-min=31.0km az=81.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 16.18 178 Pn, etc.

IDC 05 11:47:39.0:2.0, 2.14S: 139.68E, h0km, mb4.0/13, mb1 4.2/15, mb1mx4.1/40, mbmp4.0/15, ML4.1/2, MS3.7/11, Ms1 3.7/11, ms1mx3.4/34, Error ellipse: s-maj=17.2km s-min=9.6km az=31.0

DJA 05 11:47:40.9:0.6, 2.54: 14.0E, h11km, mb4.4/17, mb5.0/5, mb4.0/17, ML4.5/6, MW(m)B.4/3/5, NOU 05 11:47:54.7, 2.59S: 139.76E, h55km, mb4.5, Near North Coast of Irian Jaya

ISC 05 11:47:43.9:0.5, 2.27S:0.06:139.76E:0.05, h35km, n60, q2500/47, mb4.3/30, MS3.5/8, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, GENI Genyem, 0.52 129 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, JAY Jayapura, 0.97 105 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, FAKI Fak Fak, 7.54 265 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, GUMO Guam, 16.55 18 LR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, SOEI See, 17.10 244 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, KDI Kendari, 17.20 264 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, BATI Baumata, 17.83 243 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 18.35 196 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 18.35 196 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 18.35 196 P, etc.

Table with columns: KIC Kosan Boka, 144.38 278 ePKP1, 12 07 17.8 +0.2, etc.

IDC 05 11:51:46.3:3.7, 3.57S:177N:76:95E, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.2/61, mbmp3.5/4, ML3.2/1, Error ellipse: s-maj=59.9km s-min=37.9km az=172.0

ISC 05 11:51:48.9:1.9, 35.88N:0.1:76.9E:0.1, h10km, n6, c1940/8, Eastern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, KSH Kashi, 3.76 349 Op Pn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WMQ Urumqi, 11.50 43 eP Pn, etc.

AKTO Aktyubinsk, 20.00 323 P, 11 56 22.9 +1.3

SOMNI Songoing Array, 24.86 52 P, 11 57 11.2 -0.5

FINES Fines Ekor Array B, 40.74 325 P, 11 59 27.9 -1.8

JMA 05 11:52:05.6:0.2, 31.12N:142.25E, h58km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, JHU2 Mitsune, 2.87 315 Op Pn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, BS01 Boso 1, 3.68 343 P, etc.

IDC 05 11:53:58.3:0.5, 34.91N:26.35E, h0km, mb4.3/26, mb1 4.4/38, mb1mx4.3/57, mbmp4.3/38, ML4.0/11, MS3.4/20, MS1 3.4/20, ms1mx3.3/46, Error ellipse: s-maj=14.1km s-min=8.9km az=169.0

ISK 05 11:53:58.9, 34.96N:26.35E, h2km, ML4.3/24, THE 05 11:53:59.8, 34.97N:26.32E, h0km, ML4.2/7, Error ellipse: s-maj=1.9km s-min=0.8km az=159.0

NEIC 05 11:53:59.2, 34.98N:0.07:26.27E:0.05, h10km, n1km, Error ellipse: s-maj=12.8km s-min=7.7km az=165.0

MED_RC 05 11:54:00.0, 1.4, 34.57N:26.44E, h20km, 2km, MW4.5/15, Moment Tensor Solution, Mantle waves: s15,c17; Duration: 1s0 Moment tensor: Scale 1015N/m; Mr:4.4, 1.05; Mb:0.12, 60; Mw:4.55, 62; Ml:0.90, 57; Mw:4.25, 47; Ml:1.46, 77; Best double couple: M:6.230000x1015 NP1:0.30200000, 0.64800000, 1.49000000. NP2:0.17500000, 0.85600000, 1.12600000. Principal axes: T 5.3300, Plg161.0000, Azm143.0000; N 1.7900, Plg29.0000, Azm332.0000; P -7.1200, Plg4.0000, Azm240.0000; nsta1 refers to body waves. nsta2 refers to surface waves. cutoff=35.

DDA 05 11:54:00.4, 35.05N:26.50E, h9km, 4km, MW4.4, ATH 05 11:54:01.0, 34.96N:26.35E, h4km, 1km, ML4.2/17, Error ellipse: s-maj=3.1km s-min=1.2km az=343.0

MOS 05 11:54:01.3, 1.2, 34.97N:26.17E, h31km, mb4.7/25, Error ellipse: s-maj=6.5km s-min=4.2km az=76.0

NIC 05 11:54:01.8, 0.0, 35.01N:26.46E, h18km, 1km, ML4.7/3, HLW 05 11:54:02.7, 34.96N:26.50E, h25km, 25km, Md4.3, M14.5, ISC 05 11:54:00.6:0.8, 34.95N:0.03:26.33E:0.02, h13km, 4km, n442, s172/488, mb4.5/88, MS3.3/16, 40C-22D, Fault plane solution: NP1:0.27589722, 0.85005054, 1.4357603. NP2:0.15473955, 0.85810004, 1.13085739. Principal axes: T 15.6758935, Azm119.9923; N Plg93.7368, Azm309.9106; P Plg4.6104, Azm216.8234, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ZKR Zakros, 0.19 331 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ZKR Zakros, 0.19 331 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ZKR Zakros, 0.19 331 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ZKR Zakros, 0.19 331 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ZKR Zakros, 0.19 331 P, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 23.1 -0.4, etc.

Table with columns: IDI Anoyia, 1.23 287 P, 11 54 22.7 -0.8, etc.

5d 11h

2015 JAN

Main table containing astronomical data for January 2015, listing various celestial objects, their coordinates, magnitudes, and other parameters. The table is organized into columns for object names, coordinates, magnitudes, and other details.

MBAR	Mbarara	35.60	172ceP	P	12 00 52.2	-6.0
BRVK	Borovoye	35.75	46fP	P	12 00 59.2	+0.2
AAK	Ala-Archa	37.89	64 P	P	12 01 17.9	+0.3
AAK	Ala-Archa	37.89	64cP	P	12 01 18.8	+1.2
AAK	Ala-Archa	37.89	64 P	P	12 01 18.1	+0.6
SGDS	Sogindy	37.93	62 eP	P	12 01 18.2	+0.5
SGDS	Sogindy	37.93	62 eP	P	12 01 18.2	+0.5
NIL	Nilore	38.51	78 P	P	12 01 23.2	+0.5
NIL	Nilore	38.51	78 P	P	12 01 23.2	+0.5
KUU	Kurty	39.13	61 eP	P	12 01 28.5	+0.7
KSH	Kashi	39.39	68 P	P	12 01 29.6	-0.5
CHKK	Chushkaly	39.61	61 eP	P	12 01 32.4	+0.6
CHKK	Chushkaly	39.61	61 eP	P	12 01 32.4	+0.6
TNSN	Tian-Shan	39.65	63 eP	P	12 01 33.1	+0.5
TNSN	Tian-Shan	39.65	63 eP	P	12 01 33.1	+0.5
MDOK	Medeo	39.71	62 eP	P	12 01 33.4	+0.6
MDOK	Medeo	39.71	62 eP	P	12 01 33.4	+0.6
DBIC	Dimbokro	40.19	233 P	P	12 01 36.4	-0.5
DBIC	Dimbokro	40.19	233 P	P	12 01 36.4	-0.5
DBIC	Dimbokro	40.19	233 P	P	12 01 36.4	-0.5
DBIC	Dimbokro	40.19	233 P	P	12 01 36.4	-0.5
TIC	Toumodi	40.32	233 eP	P	12 01 35.2	-2.7
KIC	Kosan Boka	40.35	232 eP	P	12 01 37.5	-0.7
KURBB	Kurchatov	40.51	51 P	P	12 01 39.4	+0.3
KURK	Kurchatov	40.57	51 P	P	12 01 39.4	-0.2
KURK	Kurchatov	40.57	51 P	P	12 01 39.4	-0.2
KURK	Kurchatov	40.57	51 P	P	12 01 39.4	-0.2
LIC	Lamto	40.64	233 eP	P	12 01 33.4	-7.2
SATY	Saty	40.71	62 eP	P	12 01 42.0	+0.9
SATY	Saty	40.71	62 eP	P	12 01 42.0	+0.9
MAKZ	Makanchi	42.88	56 P	P	12 01 57.8	-0.8
MAKZ	Makanchi	42.88	56 P	P	12 01 57.8	-0.8
MAK3	Makanchi Array	43.09	56cP	P	12 02 00.9	+0.5
MAK3	Makanchi Array	43.09	56 P	P	12 02 00.3	-0.1
MAK3	Makanchi Array	43.09	56 P	P	12 02 01.0	+0.6
SPITS	Spitsbergen Ar	43.55	357 LR	LR	12 21 23.7	
ZAAO	Zalesovo Array	44.46	46 P	P	12 02 10.3	-0.9
ZAAO	Zalesovo Array	44.46	46 P	P	12 02 11.3	+0.2
ZALV	Zalesovo Beam	44.46	46 P	P	12 02 03.1	+0.1
DGZ	Jazzator, Alta	46.26	52fP	P	12 02 26.4	+0.7
WMQ	Urumqi	47.28	60 eP	P	12 02 35.6	+1.9
WMQ	Urumqi	47.28	60 eP	P	12 02 39.0	+0.4
WMQ	Urumqi	47.28	60 eP	P	12 02 41.7	+2.5
WMQ	Urumqi	47.28	60 eP	P	12 02 39.3	+3.1
ZAK	Zakamensk	56.16	49 eP	P	12 03 39.3	-0.7
GTA	Gaotai	57.21	62 eP	P	12 03 48.3	+0.6
GTA	Gaotai	57.21	62 eP	P	12 03 51.7	+0.4
GTA	Gaotai	57.21	62 eP	P	12 03 54.3	+1.0
SOMN	Songino Array	58.88	51 P	P	12 03 59.9	+0.7
SOMN	Songino Array	58.88	51 P	P	12 03 59.9	+0.7
ULN	Ulaanbaatar	59.28	51deP	P	12 04 02.3	+0.2
TIXI	Tiksi	61.03	21fP	P	12 04 15.3	+1.9
TIXI	Tiksi	61.03	21 P	P	12 04 14.5	+1.1
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH	Lanzhou	61.43	64 eP	P	12 04 17.3	+0.4
LZH	Lanzhou	61.43	64 eP	P	12 04 20.5	0.0
LZH	Lanzhou	61.43	64 eP	P	12 04 22.1	+0.2
LZH	Lanzhou	61.43	64 eP	P	12 06 34.5	+2.6
LZH						

5d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Shannon Statio, Ruatathuna, Waihua, etc.

NNC 05 12:26:42.7-3.2, 48.56N-77.53E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=47.1km s-min=15.8km az=84.0, Suspected Mining explosion.

IDC 05 12:26:43.5-1.1, 48.72N-77.43E, h0km, mb1.3,3/3, mb1mx3.1/42, mbmp3.3/3, ML2.9/3, Error ellipse: s-maj=14.9km s-min=8.0km az=104.0.

ISC 05 12:26:44.6-1.4, 48.69N-0.05-77.51E-0.09, h0km, n12, r18/14, 2C-5D, Eastern Kazakhstan

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

NNC 05 12:43:25.1-3.4, 37.42N-53.54E, h0km, mb4.3, Error ellipse: s-maj=31.3km s-min=14.5km az=33.0.

IDC 05 12:43:30.6-0.9, 37.09N-54.19E, h0km, mb3/1.6, ms1.4/0.22, mb1mx3.9/53, mbmp3.9/22, ML5.4/MS2.7/5, Ms1.2/7.5, ms1mx2.5/45, Error ellipse: s-maj=19.5km s-min=10.6km az=3.0.

TEH 05 12:43:33.8, 37.22N-54.40E, h19km, ML4.4

ISC 05 12:43:33.5-0.5, 37.28N-0.04-54.43E-0.03, h10km, n106, r29/10/115, mb3.8/17, 3C-3D, Iran-Turkmenistan border region

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

2015 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like GEYT, GEYT, GEYT, etc.

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

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists station data for the first 5d 14h period.

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists station data for the second 5d 14h period.

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists station data for the third 5d 14h period.

KRNET 05 14:25:15.2-0.1, 40.08N:76.52E, mb2.5
SOME 05 14:25:24.1, 40.40N:76.53E, h10km
ISC 05 14:25:20.8-3.0, 40.1N:01:17:59E, 0.06, h34km, 3km, n16,

JMA 05 14:42:31.9-0.1, 32.54N:131.11E, h130km, 1km, M3.9
Broadband fault plane solution: P waves. NP1:
phi=273.00000, delta=0.00000, lambda=172.00000
NP2:
phi=175.00000, delta=0.00000, lambda=66.00000
Principal axes:
T P37.0000, Azm244.0000, N P1g24.0000,
Azp354.0000, P P1g43.0000, Azm109.0000,

JMA 05 14:42:31.9-0.1, 37.42N:141.74E, h41km, 2km, M3.6
JMA Felt I, J
NEIC 05 14:42:31.9-0.1, 37.52N:141.76E, h53km, 2km, mb3.2/2,
mb1 3.6/1.4, mb1mx3.0/4.1, mbtmp3.6/5, ML2.9, MS2.6/3,
Ms1 2.6/3, ms1mx2.4/2.3, Error ellipse: s-maj=42.4km

s-min=17.4km az=99.0
 NIED 05 14:49:23.1, 37.42N, 141.74E, h41km, MW3.7, Moment
 Tensor Solution. s3 Moment tensor: Scale 1014Nm;
 M₁:2.4; M₂:0.45; M₃:1.98; M₄:2.74; M₅:1.23; M₆:2.33;
 Fault plane solution: Mo,4.1000x10¹⁴ NP1:
 0.314,0.0000, 0.673,0.0000, 0.179,0.0000. NP2:
 0.167,0.0000, 0.620,0.0000, 0.122,0.0000.

ISC 05 14:49:21.7, 1.9, 37.42N, 141.78E, h32km, 13km,
 n25, e1913/31, Near east coast of eastern Honshu

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC
			Op	h m s	h m s	ISC
JFK	Kawauchi	0.72 266	P	Pn	14 49 36.4	+0.7
JFK			eS	Pb	14 49 45.9	+0.4
JMST	Minamisoumatoc	0.77 294	P	Pn	14 49 37.0	+0.7
JMST			S	Sb	14 49 46.8	0.0
ONAJ	Iwakimizuishi	0.84 248	P	Pn	14 49 38.0	+0.1
ONAJ			S	Sb	14 49 48.8	+0.1
JMM	Marumori	0.90 300	P	Pb	14 49 39.0	+0.2
JMM			eS	Pb	14 49 50.1	-0.4
JKH	Ishinomakikobu	0.93 345	P	Pb	14 49 39.5	+0.3
JKH			eS	Pb	14 49 51.2	0.0
JIO	Ouri	1.09 342	P	Pb	14 49 41.9	-0.1
JIO			S	Sb	14 49 54.7	0.0
JFT	Otama	1.15 275	P	Pn	14 49 43.2	+0.2
JFT			eS	Pb	14 49 57.5	-0.2
JHO	Hitachi	1.26 231	P	Pn	14 49 43.5	+0.4
JOU	Okura	1.29 317	P	Pb	14 49 45.0	+0.1
JOU			eS	Sb	14 50 01.8	-0.1
JYS	Shiratake	1.57 301	P	Pb	14 49 50.1	-0.1
JMK	Ichinoseki	1.59 344	P	Pb	14 49 49.6	-0.9
JFY	Yanaizu	1.65 270	P	Pb	14 49 50.4	+1.9
JFY			S	Pb	14 50 10.9	-1.0
MJAR	Matsushiro Arr	2.99 254	P	Pn	14 50 09.3	+2.4
MJAR			S	Sb	14 50 49.6	-0.7
MJAR			LR	LR	14 51 32.6	
MAJ	comp-Z, 1.01nm, 19.1s, baz=55, slow=43					
MAJ	Matsushiro	2.99 254	P	Pn	14 50 06.2	-0.7
MAT			S	Sb	14 50 47.4	-2.9
JHJ	Hachioji jima 2	4.59 201	P	Pn	14 50 31.0	+2.1
JHJ			S	Sb	14 51 20.5	-0.6
JHJ			LR	LR	14 52 23.3	
ASAJ	comp-Z, 127nm, 19.6s, baz=72, slow=38					
ASAJ	Asahikawa	6.72	P	Pn	14 51 00.1	+2.0
ASAJ			S	Sb	14 52 12.5	-1.0
ASAJ			LR	LR	14 55 30.8	
KRSR	Korea Array	11.02 274	P	Pn	15 25 18.7	
H1N2	WAKE ISLAND Hy 28.10 122		T	T	15 25 35.2	
H1N1	WAKE ISLAND Hy 28.11 122		T	T	15 25 35.2	
H1N3	WAKE ISLAND Hy 28.12 122		T	T	15 25 35.2	
H1S1	WAKE ISLAND Hy 28.83 124		T	T	15 25 35.9	
H1S3	WAKE ISLAND Hy 28.83 124		T	T	15 25 35.9	
H1S2	WAKE ISLAND Hy 28.84 124		T	T	15 25 31.8	
MKR	Makanchi Array	44.16 302	P	Pn	14 57 26.3	-1.0
WRA	Warramunga Arr	57.48 188	P	Pn	14 59 08.5	+0.8

ISC 05 15:10:08.0, 2.8, 6.45S, 129.99E, h138km, 36km, mb3.3/2,
 mb1 3.4/5, mb1mx3.2/33, mb1tmp3.8/5, Error ellipse:
 s-maj=81.6km s-min=21.9km az=92.0
 NOU 05 15:10:19.1, 7.36S, 130.34E, h162km, mb3.8, Tanimbar
 Islands Reg., Indonesia
 ISC 05 15:10:06.3, 0.8, 6.55S, 10.06x130.9E, 0.3, h150km, n6,
 e2611/9, Banda Sea

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC
			Op	h m s	h m s	ISC
SUJ	Sorong	5.66 4	P	Pn	15 11 30.3	+1.8
SUJ			S	Sb	15 12 29.6	-3.2
FITZ	Fitzroy Cross	12.56 204	P	Pn	15 12 59.2	-0.7
FITZ			S	Sb	15 15 07.6	-1.1
WRA	Warramunga Arr	13.73 166	P	Pn	15 13 17.3	-1.2
WRA			S	Sb	15 15 45.4	-1.6
ASAR	Alice Springs	17.27 171	P	Pn	15 14 03.0	+4.5
ASAR			S	Sb	15 17 08.8	-1.2
SONM	Songino Array	58.30 341	P	Pn	15 19 46.2	+0.8
MKR	Makanchi Array	68.33 306	P	Pn	15 20 50.5	-0.8

JMA 05 15:57.9, 0.6, 30.62N, 142.18E, h37km, M4.0
 IDC 05 15:57.3, 0.9, 30.56N, 142.04E, h0km, mb3.6/7,
 mb1 3.9/10, mb1mx3.6/41, mb1tmp3.6/10, ML3.1/3, Error
 ellipse: s-maj=27.3km s-min=17.5km az=86.0
 NEIC 05 15:59.3, 1.8, 30.58N, 0.06x142.00E, 0.0, h14km, 4km,
 mb4.4/14, Error ellipse: s-maj=10.7km s-min=7.0km
 az=113

ISC 05 15:10:60.0, 0.6, 30.59N, 0.05x142.13E, 0.09, h23km, n39,
 e1549/43, mb4.0/12, Southeast of Honshu

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC
			Op	h m s	h m s	ISC
JHJ2	Mitsune	3.19 323	P	Pn	15 11 47.4	-1.4
JHJ2			S	Sb	15 11 47.8	-0.9
JHJ	Hachioji jima 2	3.22 322	Pn	Pn	15 11 47.1	-2.0
JHJ			S	Sb	15 12 24.6	-2.1
JCJ	Chichijima	3.48 179	Pn	Pn	15 11 52.5	-0.3
JCJ			S	Sb	15 12 30.6	-2.6
JCJ	Chichijima	3.48 179	Pn	Pn	15 11 53.1	+0.4
BSO1	Boso 1	4.17 347	P	Pn	15 12 01.0	-0.6
BSO3	Boso 3	4.42 342	P	Pn	15 12 04.6	-0.7
JRY	Yasato	5.85 344	Pn	Pn	15 12 24.7	-0.5
JRT	Ryogami san	6.05 334	eS	Pn	15 13 35.3	-1.3
JHO	Hitachi	6.14 348	P	Pn	15 12 28.3	-1.0
JHO			S	Sb	15 13 35.1	-3.8
JGF	Kuroka	6.40 323	Pn	Pn	15 12 35.1	+2.2
MJAR	Matsushiro Arr	6.78 332	Pn	Pn	15 12 39.5	+1.4
MJAR			S	Sb	15 13 54.7	+0.2
MAJ	comp-Z, 6.1nm, 0.3s, baz=230, slow=29, SNR=4.3					
MAJ	Matsushiro	6.78 332	P	Pn	15 12 39.5	+1.5
JMM	Marumori	7.34 352	P	Pn	15 12 44.8	-0.9
JMK	Ichinoseki	8.38 355	P	Pn	15 12 58.6	-1.3
JTM	Tenmabayashi	10.21 355	Pn	Pn	15 13 25.2	-1.0
ERM	Erimo	11.43 4	Pn	Pn	15 13 38.6	-3.2
YULB	Yu-li	19.88 254	Iamb	Iamb	15 20 3.9	-1.2
YULB			Iamb	Iamb	15 15 34.6	
TPUB	Ta-pu	20.48 254	P	Pn	15 15 35.4	-0.8
TPUB			Iamb	Iamb	15 16 03.3	
CMAR	Chiang Mai Arr	40.88 263	P	Pn	15 18 39.8	-0.7
HNR	Honiaru	43.32 154	P	Pn	15 19 00.8	+0.6
MK31	Makanchi Array	48.27 307	P	Pn	15 19 40.1	+0.9
MKR	Makanchi Array	48.27 307	P	Pn	15 19 40.5	+1.3
MAKZ	Makanchi	48.49 307	P	Pn	15 19 41.8	+1.0
WBO	Warramunga Arr	50.62 189	P	Pn	15 19 57.8	+0.6
WBO			Iamb	Iamb	15 20 10.8	
WRO	Warramunga Arr	50.78 189	P	Pn	15 19 59.0	+0.5
WRO			Iamb	Iamb	15 20 10.3	
WB2	comp-Z, 6.1nm, 1.2s					
WB2	Warramunga Arr	50.80 189	P	Pn	15 19 59.1	+0.6
WB2			Iamb	Iamb	15 20 19.1	

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC
			Op	h m s	h m s	ISC
WRA	Warramunga Arr	50.80 189	P	Pn	15 19 59.1	+0.5
WRA			S	Sb	15 20 07.7	+1.7
GSJ	Gununglitsi	51.26 244	P	Pn	15 20 00.2	-2.1
PPLA	Purukelle	52.21 16	P	Pn	15 20 10.6	+1.7
ASAR	Alice Springs	54.52 189	P	Pn	15 20 06.7	+0.6
ILAR	Eielson Array	54.70 30	P	Pn	15 20 27.8	+0.9
FORT	Fort	62.49 194	P	Pn	15 21 23.2	+1.7
ABKAR	Abkarak array	62.66 313	P	Pn	15 21 23.6	+1.0
ABKAR			Iamb	Iamb	15 21 26.9	
EUNU	Eureka	66.46 8	P	Pn	15 21 48.0	+0.9
EUNU			Iamb	Iamb	15 21 55.0	
YKA	Yellowknife Arr	69.11 29	P	Pn	15 22 04.7	+0.9
NLWA	Neilton Lookout	70.69 52	P	Pn	15 22 12.3	-1.7
NVAR	Mina Array	78.41 52	P	Pn	15 23 01.2	+2.0
MCMT	McKenzie Canyo	78.65 45	P	Pn	15 23 01.7	+1.2

BJI 05 15:16:21.9, 0.0, 30.51N, 142.18E, h12km, mB5.3/62,
 mb5.1/86, M5.5/293, M5.5/189
 IDC 05 15:16:24.9, 0.4, 30.501N, 142.04E, h0km, mb4.9/30,
 mb1 5.0/34, mb1mx4.9/40, mb1tmp4.9/34, ML4.6, MS4.8/35,
 Ms1 4.8/35, ms1mx4.7/41, Error ellipse: s-maj=14.5km
 s-min=9.2km az=82.0
 JMA 05 15:16:25.0, 0.2, 30.65N, 142.30E, h51km, M5.5
 NIED 05 15:16:25.6, 30.65N, 142.30E, h51km, MW5.3, Moment
 Tensor Solution. s3 Moment tensor: Scale 1017Nm;
 M₁:0.81; M₂:0.02; M₃:0.80; M₄:0.44; M₅:0.17; M₆:0.43;
 Fault plane solution: Mo1.03000x10¹⁷ NP1:
 0.330,0.0000, 0.663,0.0000, 0.173,0.0000. NP2:
 0.184,0.0000, 0.531,0.0000, 0.120,0.0000.

NOU 05 15:16:26.0, 30.57N, 142.05E, h4km, mb5.4, Southeast of
 Honshu, Japan
 MOS 05 15:16:27.4, 1.5, 30.60N, 142.04E, h31km, mb5.4/84,
 M5.5/0.21, Error ellipse: s-maj=6.9km s-min=3.6km
 az=116.1
 NEIC 05 15:16:27.8, 1.8, 30.61N, 0.05x142.19E, 0.09, h31km, 3km,
 mb5.3/154, Error ellipse: s-maj=11.3km s-min=7.7km
 az=80.0

GCMT 05 15:16:28.8, 0.1, 30.52N, 0.01x142.13E, 0.01, h12km,
 MW5.2/142, Moment Tensor Solution. s91, c141;
 s142, c261; Duration: 1s0 Moment tensor: Scale 1017
 Nm; Mo:0.902, 0.1; Mw:0.08; 0.1; Mw:0.97; 0.1;
 Mw:0.01; 0.03; Mw:0.02; 0.03; Mw:0.02; 0.03; Best double
 couple: Mo 943000, NP1: 176.0000, 0.342, 0.0000,
 1.90, 0.0000. NP2: 355.0000, 0.848, 0.0000, 1.90, 0.0000.
 Principal axes: T 0.9010, P1g87.0000, Azm260.0000, P
 0.0840, P1g0.0000, Azm355.0000, P -0.9840, P1g3.0000,
 Azm85.0000; nsta1 refers to body waves, cutoff=40s,
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

BGR 05 15:16:34.7, 0.0, 30.63N, 141.30E, h33km, mb5.2
 ISC 05 15:16:27.8, 0.5, 30.61N, 0.03x142.19E, 0.03, h29km, 2km,
 h28km; Pp=2.8, n889, e1938/975, mb5.3/269, MS4.9/78,
 67C-44D, Fault plane solution: NP1: 179.92879,
 318.33048, 1.95, 0.219, NP2: 354.43585, 1.714810,
 1.88, 27487. Principal axes: T P1g63.2132,
 Azm261.7285; N P1g1.6883; Azm354.9763; P
 P1g26.7286; Azm85.8016; Southeast of Honshu

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC
			Op	h m s	h m s	ISC
JAOM	Aogashimamukai	2.78 312	P	Pn	15 17 09.7	-0.8
JHCJ	Hachiojimakes	3.19 321	P	Pn	15 17 17.4	-1.4
JHJ2	Mitsune	3.21 322	Pn	Pn	15 17 14.8	-1.6
JHJ2			eS	Sb	15 17 51.9	-1.8
JHJ2			S	Sb	15 17 15.8	-0.6
JHJ	Hachioji jima 2	3.24 321	Pn	Pn	15 17 15.7	-1.0
JHJ			S	Sb	15 17 52.5	-1.9
JHJ			LR	LR	15 18 34.7	
CBJL	Chichijima	3.50 180	Pn	Pn	15 17 19.3	-1.0
CBJL			S	Sb	15 17 59.3	-1.4
JCJ	Chichijima	3.50 180	Pn	Pn	15 17 19.7	-0.6
JCJ			S	Sb	15 17 59.5	-1.3
JCJ			LR	LR	15 19 00.2	
JCJ			LR	LR	15 17 19.3	-1.1
JMK	Mikurajimanishi	3.95 327	Pn	Pn	15 17 25.3	-1.2
JHJ2	Hachiojimakes	3.95 321	Pn	Pn	15 17 19.9	+0.2
BSO1	Boso 1	4.17 346	P	Pn	15 17 29.2	+0.2
JSG	Sagara	5.28 321	Pn	Pn	15 17 44.5	-0.3
JOD2	Odawara 2	5.33 331	P	Pn	15 17 47.9	-0.6
TT01	TONANCAI O.B.S	5.49 305	P	Pn	15 17 49.4	+2.0
JYT	Yasato	5.85 344	Pn	Pn	15 17 51.3	-1.3
JIE	Ise	5.98 311	P	Pn	15 17 54.6	+0.2
JRY	Ryogami san	6.06 334	P	Pn	15 17 54.9	-0.6
JRY			eS	Pn	15 19 03.4	-0.5
JGF	Kuroka	6.42 322	Pn	Pn	15 18 00.9	+0.4
INU	Inuyama	6.42 319	Pn	Pn	15 18 00.8	+0.2
JTNC	Tanabakahahech	6.43 302	P	Pn	15 18 30.9	+0.3
JKT	Katsushina	6.62 339	P	Pn	15 18 03.2	0.0
MJAR	Matsushiro Arr	6.79 332	Pn	Pn	15 18 06.5	+0.9
MJAR			S	Sb	15 19 21.4	-0.5
MJAR						

5d 15h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like TYV Tymovskoe, TWG Pinlang, TPUB Ta-pu, GRNR Gornyy, BBP Basco, QZH Qanzhou, TIA Tainan, etc.

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

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BOD Bodaibo, MYLMI Lahad Datu, GTOI Gorontalo, ZAK Zakamensk, IRK Irkutsk, KMI Kunming, etc.

5d 15h

Table with columns for station ID, name, coordinates, and various data points (e.g., 57.46 293, P, P, 15 26 14.0 -0.4).

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Table with columns for station ID, name, coordinates, and various data points (e.g., 72.76 50 P, P, 15 27 52.0 -1.6).

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Table with columns for station ID, name, coordinates, and various data points (e.g., 75.67 313 P, P, 15 28 11.4 +0.9).

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, ABTO Aybut, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like DOPR Dopca, MLR Muntele Rosu, DPC Dobruska-Polom, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like SOP Sopron, CONA Conrad Observa, ANMO Albuquerque, etc.

Table with columns: PB08, IPOC Station P, 149.91 77, PKPbc, 15 36 14.3 -2.1, etc.

Table with columns: AKTO, 14nm,0.7s, Sn, 15 34 53.5 -8.3, BELG, Belogomoye, 13.34 348, Pn, etc.

Table with columns: YSS, Yuzh-Sakhalins, 16.34 1, Pn, Pn, 15 35 03.2 -2.9, etc.

JMA 05 15:17:06.4, 34.10N, 135.40E, h6km±1km, M0.1, Near south coast of western Honshu

IDC 05 15:27:43.4 ± 1.8, 30.27N, 140.89E, h0km, mb3.6/2, mb1 3.7/5, mb1mx3.2/5.5, mbtmp3.6/5, ML3.2/3, Error ellipse: s-maj=83.6km s-min=19.8km az=78.0,

IDC 05 15:29:58.8 ± 1.5, 39.41N, 51.81E, h0km, mb3.7/8, mb1 3.8/14, mb1mx3.6/5.2, mbtmp3.7/14, ML3.2/6, Error ellipse: s-maj=28.5km s-min=12.9km az=22.0,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, JWY, Kouya, 0.20 54, P, Op, ISC, h m s, ISC, 15 17 10.5 +0.1, etc.

IDC 05 15:30:05.1 ± 0.4, 39.32N, 51.95E, h50km, 158km, ml3.5/26, Error ellipse: s-maj=9.5km s-min=2.7km az=248.0, NNC 05 15:30:06.3 ± 7.7, 39.89N, 52.66E, h0km, mb4.1, Error ellipse: s-maj=62.2km s-min=23.1km az=62.0,

IDC 05 15:30:05.3 ± 0.7, 39.40N, 51.92E, h0km, 158km, ml3.5/26, Error ellipse: s-maj=9.5km s-min=2.7km az=248.0, NNC 05 15:30:06.3 ± 7.7, 39.89N, 52.66E, h0km, mb4.1, Error ellipse: s-maj=62.2km s-min=23.1km az=62.0,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, LKRN, Lenkeran, Azer, 2.59 256, P, Op, ISC, h m s, ISC, 15 30 45.8 +0.9, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, JAOM, Aogashimamukai, 2.76 313, P, Op, ISC, h m s, ISC, 15 32 07.7 -0.3, etc.

Table with columns: SKR, Severo-Kuril's, 22.62 24, eP, S, 15 36 06.4 -1.1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like LKVV Lakeview, WVOR Wild Horse Val, K05A Summer Lake, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like R11A comp=E,34nm,0.8s, BGU Hansel Valley, etc.

ADC 05 15:39:25.5:2.4, 24:28N:93:65E, h0km, mb3.5/4, mb1 3.7/4, mb1 fmx3.3/46, mbtmp3.5/4, MS4-0.1, M1 4.0/1, ms1mx3.3/28, Error ellipse: s-maj=98.8km s-min=25.6km

NEIC 05 15:39:32.1:7.24:3N:0:2:93.7E:0.2, h62km,6km, mb4.2/6, Error ellipse: s-maj=32.97km s-min=15.0km az=55.0

ISC 05 15:39:31.7:1.0, 24:22N:92:32E:0.2, h50km, n13, @144/12, mb3.7/6, Myanmar-India border region

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like SHL Shillong, LSA Lhasa, MKAR Makanchi Array, etc.

NEIC 05 15:46:00.9:1.2, 51:77N:0:09:178:36E:0.08, h99km,5km, mb4.0/14, ML3.1/23(AEIC), Error ellipse: s-maj=14.1km s-min=6.1km az=194.0

AEIC 05 15:46:02.4:1.2, 51:78N:0:1:178:46E:0.08, h97km,4km, Error ellipse: s-maj=15.0km s-min=7.0km az=193.0

ISC 05 15:46:04.2:6.4, 52:03N:178:53E, h128km,90km, mb3.1/3, mb1 3.4/5, mb1 fmx3.0/42, mbtmp3.7/5, Error ellipse: s-maj=49.6km s-min=33.0km az=167.0

ISC 05 15:46:01.5:0.8, 51:81N:0:1:178:44E:0.05, h99km,7km, n42, @579/46, mb3.5/5, Rat Islands

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like LSSA Little Sitkin, LSPA Little Sitkin, LSPA Little Sitkin, etc.

PETK 0.1nm,0.3s,baz=99,slow=22,SNR=1.2

SDPT Sand Point 13.01 66 Pn P 15 49 00.6 -1.7

CNBA Chernerabura Isl 13.46 68 Pn P 15 49 07.1 -1.2

CHGN Chignik 14.26 63 Pn P 15 49 17.8 -1.2

KDAA Kodiak Island 17.69 59 P Iamb Iamb 15 50 04.9

CNPM China Poot 18.63 54 P P 15 50 11.1 0.0

BRLK Bradley Lake 18.85 53 P Iamb Iamb 15 50 12.8 -0.7

PPLA Purkeypile 19.15 43 Iamb Iamb 15 50 16.4 -0.4

SUA Susitna One 19.33 48 Iamb Iamb 15 50 34.1

SEW Seward 19.63 52 P Iamb Iamb 15 50 21.1 -0.7

GHO Glory Hole Cre 20.25 48 P Iamb Iamb 15 50 29.8 +1.2

SCM Sheep Creek Mt 21.00 48 P Iamb Iamb 15 50 36.7 0.0

MDM Murphy Dome 21.55 40 P P 15 50 43.5 +1.1

KLU Klutina 21.59 49 P Iamb Iamb 15 50 43.8 +0.8

M24K Tolson, Glenn 21.59 48 P Iamb Iamb 15 50 43.7 +0.8

GLB China Butte 22.58 50 P P 15 50 54.2 +0.9

TOLK Tolk Lake 22.74 30 P P 15 50 55.9 +1.0

HYT Haines Junction 25.58 52 P P 15 51 21.5 +0.4

MKT Makanchi Array 58.41 307 P P 15 55 45.4 -1.0

WRA Warramunga Arr 81-156 222 P P 15 58 06.0 +0.1

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like STKA Stephens Creek, STKA Stephens Creek, BBOO Bumblebee, etc.

AEIC 05 16:06:18.9:2.0, 52:0N:0:1:179:75W:0.07, h192km,4km, Error ellipse: s-maj=15.5km s-min=5.8km az=177.0

NEIC 05 16:06:18.9:1.2, 52:0N:0:1:179:76W:0.07, h189km,5km, mb4.1/76, ML3.5/33(AEIC), Error ellipse: s-maj=15.7km s-min=6.4km az=177.0

ISC 05 16:06:21.3:2.9, 52:35N:179:95W, h199km,2.7km, mb3.1/8, mb1 3.4/10, mb1 fmx3.2/34, mbtmp3.7/10, Error ellipse: s-maj=27.2km s-min=12.3km az=165.0

ISC 05 16:06:18.6:0.5, 52:1N:0:1:179:80W:0.04, h183km,5km, n116, @1512/125, mb4.0/32, Andean/Oslands

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like CERAA Semis' Rag'd T, CEAP Semis' Anvil P, CESW Semis' Southwe, etc.

PETK 0.1nm,0.3s,baz=99,slow=22,SNR=1.2

OHAK Old Harbor 16.13 51 P P 16 09 52.9 -1.8

KDAA Kodiak Island 16.58 59 P P 16 09 58.4 -1.3

KDAA Kodiak Island 16.58 59 P S 16 12 51.6 -1.1

KDAA Kodiak Island 16.58 59 P P 16 09 57.7 -2.0

TTA Tatalina 16.66 40 P P 16 10 13.3 +0.7

CNPM China Poot 17.59 54 P P 16 10 10.9 +0.1

BRLK Bradley Lake 17.82 53 P P 16 10 13.3 0.0

RDOG Red Dog Mine 17.99 21 P P 16 10 16.8 +1.5

SKWT Skwentna 18.15 46 Pn P 16 10 22.9 +0.2

PPLA Purkeypile 18.21 43 Pn Iamb Pn 16 10 20.4 +0.7

SUA Susitna One 18.33 48 P Iamb Iamb 16 10 24.2

SEW Seward 18.60 53 P P 16 10 21.3 -0.4

KTH Kantishna Hill 19.00 42 P P 16 10 26.9 +0.8

KTH Kantishna Hill 19.00 42 P Iamb Iamb 16 10 31.5

TRF Thorofore Mount 19.92 42 P Iamb Iamb 16 10 29.6 +0.7

GHO Glory Hole Cre 19.26 48 Iamb Iamb 16 10 33.4

KNK Knik Glacier 19.38 49 P Iamb Iamb 16 10 30.6 +0.4

KNK Knik Glacier 19.38 49 P Iamb Iamb 16 10 58.1

SML Sawmill 19.54 48 P P 16 10 32.3 +0.4

RND Reindeer 19.80 43 P P 16 10 35.5 +0.7

GLI Glacier Island 19.90 51 P P 16 10 36.2 +0.5

SCM Sheep Creek Mo 20.00 48 P P 16 10 37.1 +0.2

HIN Hinchinbrook I 20.10 52 P P 16 10 38.0 +0.1

FID Port Fidalgo 20.17 51 P P 16 10 38.0 -0.7

I23K Minto, Yukon-K 20.29 38 P Iamb Iamb 16 10 41.2

I23K Minto, Yukon-K 20.29 38 P Iamb Iamb 16 10 42.0

EYAK Cordova Ski R 20.49 52 P Iamb Iamb 16 10 42.9 +0.9

EYAK Cordova Ski R 20.49 52 P Iamb Iamb 16 10 45.1

WRH Wood River Hill 20.51 41 P P 16 10 43.3 +1.2

KLU Klutina 20.58 50 P Iamb Iamb 16 10 43.7 +0.7

M24K Tolson, Glenn 20.60 48 P Iamb Iamb 16 10 44.4 +1.1

M24K Tolson, Glenn 20.60 48 P Iamb Iamb 16 10 54.3

MDM Murphy Dome 20.64 39 P Iamb Iamb 16 10 44.1 +0.5

MDM Murphy Dome 20.64 39 P Iamb Iamb 16 10 46.1

5d 16h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VRDI Verde Repeater, CRMI Cirque, A21K Barrow, MCARA McCarthy VSAT, TGL Tana Glacier, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, HZI Hauri, WRO Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, WB0 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, MTN Mantion Dam, KNRA Kumunura, FITZ Fitzroy Crossi, NVAR Mina Array Bea, JMA Felt J1, NIED 05 16:29:42.9, JMA 05 16:29:42.9, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JHJ2 Mitsune, JHJ Hachioji jima 2, JHJ Hachioji jima 2, JHJ Yassato, JHJ Chichi jima, JHJ Chichijima, JHJ Chichijima, JHJ Chichijima, JHJ Chichijima, JHJ Chichijima, etc.

IDD 05 16:17:07.3, 3.21, 06S, 171.19E, h0km, mb4.0/3, mb1.4/3, mb1mx3.8/1.5, mbtmp4.0/3, Error ellipse: s-maj=230.5km s-min=31.8km az=160.0
NEIC 05 16:17:25.0, 0.5, 21.6S, 0.3, 171.11E, 0.0, h156km, 13km, mb4.4/8, Error ellipse: s-maj=38.2km s-min=8.1km az=174.0
ISC 05 16:17:24.1, 1.4, 21.6S, 0.2, 171.22E, 0.2, h150km, n12, JHCJ Hachiojimakas 1.5 321 P P 16 54 30.3 -1.4

Table with columns for station code, name, frequency, and other technical details. Includes stations like SSE, S, S, 18 12 12.7 +6.5, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like XAN, XAN, XAN, 95.57 312, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like X18A, H04A, EPT, 105.41 57, etc.

Table with columns: SOTA, Sankt Quirin, 165.36 293 eP, PKPab, 18 09 43.1 -2.2, etc.

IDC 05 17:59:51.61±1.3, 43.01S±171.21E, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.8/20, mbtmp3.7/3, ML3.1/1, Error ellipse: s-maj=33.7km s-min=10.0km az=92.0

ISC 05 17:59:52.0±0.4, 43.3±4.7°E, h5km, MA.1/29, ML4.3/13, MLv4.1/29, Error ellipse: s-maj=0.0km s-min=0.0km az=137.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: WRA, Warramunga Arr, 38.54 295 P, P, 18 07 15.4 -0.1, etc.

WEL 05 18:06:27.0±0.4, 43.3°S±17°11'E±1.1, h5km, M3.5/18, ML3.6/19, MLv3.5/18, Error ellipse: s-maj=0.0km s-min=0.0km az=164.9, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

UPP 05 18:11:20.1±1.3, 67.10N±20.93E, h0km, ML2.1 Explosion, IDIC 05 18:11:20.1±1.3, 67.10N±20.92E, h0km, mb1 3.0/3, mb1mx2.8/44, mbtmp2.8/3, ML2 0/3, Error ellipse: s-maj=23.3km s-min=9.9km az=103.0

HEL 05 18:11:20.7, 67.12N±21.09E, h0km, ML2.2 Explosion, NAO 05 18:11:20.6±1.2, 67.11N±21.43E, ML2.4, BER 05 18:11:23.2±3.9, 67.12N±21.12E, h0km, ML1.9, ML2.4(NAO), Suspected explosion

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: ARCES, ARCES Array B, 2.97 32 Pn, Pn, 18 12 08.9 +0.3, etc.

WEL 05 18:14:29.7±0.4, 43.3°S±17°11'E±1.1, h5km, M3.4/19, ML3.6/19, MLv3.4/19, Error ellipse: s-maj=0.0km s-min=0.0km az=164.9, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 05 18:20:12.3±1.8, 8.03S±125.83E, h0km, mb3.6/1, mb1 3.6/4, mb1mx3.3/40, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=40.1km s-min=25.5km az=85.0, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 05 18:21:40.0±0.7, 3.37S±131.83E, h0km, mb4.1/12, mb1 4.3/13, mb1mx1.4/37, mbtmp4.1/13, ML3.1/1, Error ellipse: s-maj=32.5km s-min=13.0km az=78.0

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like ACJ Chichijima, APJA Ampana, TWSI Taiwansu, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like KURK Kurchatov, KURBB Kurchatov Arra, BVAR Borovoye Array, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like BRG Berggiesshobel, VOB Freiberg, PVCC Fanksa Ves, etc.

OSTC	comp-Z,2um,17.0s	22.63 112	eP	P	21 58 21.1	-1.1
OSTC	Ostas	22.63 112	eS	Pn	22 02 40.5	-2.9
OSTC			eS	AMS	22 07 20.0	
KHC	comp-Z,1um,21.3s	22.74 118	eP	P	21 58 21.6	-1.8
KHC	Kasperske Hory	22.74 118	e	MLR	21 58 26.6	
KHC			e	MLR		
KHC	comp-Z,2um,20.9s	22.74 118	eP	P	21 58 21.6	-1.8
KHC	Kasperske Hory	22.74 118	eP	S	21 58 26.6	-1.5
KHC			eS	Sn	22 02 43.9	-2.1
KHC			eS	AMS	22 06 50.0	
KHC	comp-Z,2um,20.9s	22.74 118	eP	P	21 58 21.1	-1.2
KHC	Kasperske Hory	22.74 118	eP	I Amb	21 58 27.9	
KHC			e	I Amb		
DPC	comp-Z,51nm,1.2s	22.84 112	eP	P	21 58 21.0	-3.4
DPC	Dobruska-Polom	22.84 112	e	MLR	21 58 26.6	
DPC			e	MLR		
DPC	comp-Z,1um,18.3s	22.84 112	eP	P	21 58 21.0	-3.4
DPC	Dobruska-Polom	22.84 112	eP	P	21 58 26.6	-1.1
DPC			eS	Sn	22 02 44.8	-3.5
DPC			eS	AMS	22 08 00.0	
SENIN	comp-Z,1um,18.3s	22.86 131	eP	P	21 58 24.5	-0.4
DAVA	Lac Senin/Sane	22.86 131	eP	P	21 58 26.8	+1.3
DAVA	Damuels	22.93 126	eP	P	21 58 26.8	+1.0
SSB	comp-Z,23nm,1.4s,SNR=9.0	22.93 126	eP	P	21 58 26.8	+1.0
SSB	Saint Sauveur	22.93 126	eP	P	21 58 26.8	+1.0
SSB			e	Pmax		
SSB	comp-Z,27nm,1.1s	22.98 137	eP	P	21 58 26.8	+1.0
SUW	Suwalki	22.98 98	eP	P	21 58 26.4	+0.6
SUW			eS	P	22 02 36.7	+0.9
SUW	Suwalki	22.98 98	eP	P	21 58 26.7	+0.9
GEC2	GERESS Array S	23.02 118	eP	P	21 58 25.5	-0.8
GERES	GERESS Array B	23.02 118	eP	P	21 58 24.5	-1.9
GERES	comp-Z,11nm,1.0s,baz=330,slow=7.7,SNR=32		e	LR	22 07 45.6	
RETA	comp-Z,2um,21.2s,baz=328,slow=3	23.07 124	eP	P	21 58 26.4	-0.5
RETA	Reutte	23.07 124	eP	P	21 58 27.2	-0.7
ISAL	comp-Z,17nm,0.9s,SNR=8.5	23.20 92	eP	P	21 58 25.3	-3.2
KRLC	Salakas	23.20 92	eP	P	21 58 29.4	
KRLC	Kraliky	23.20 112	e	MLR	21 58 29.4	
KRLC			e	MLR		
KRLC	comp-Z,1um,18.4s	23.23 112	eP	P	21 58 25.3	-3.2
KRLC	Kraliky	23.23 112	eP	P	21 58 25.3	-3.2
KRLC			eS	Sn	22 02 50.9	-6.9
KRLC			eS	AMS	22 08 00.0	
MOTA	comp-Z,1um,18.4s	23.31 124	eP	P	21 58 30.3	+0.9
MOTA	Moosalm	23.31 124	eP	P	21 58 28.8	-0.7
PGAV	comp-Z,26nm,1.2s,SNR=6.5	23.32 162	eP	P	22 02 53.1	-7.0
PGAV	Gaviera, Arco	23.32 162	eP	P	22 04 45.6	
PGAV			eS	Sn	22 02 53.1	-7.0
PGAV			eS	eLR	22 04 45.6	
TREC	comp-Z,985nm,16.0s	23.34 115	eS	Sn	22 02 53.8	-6.6
TREC	Trest	23.34 115	eS	AMS	22 08 50.0	
DAVOX	comp-Z,1um,17.7s	23.37 127	eP	P	21 58 28.5	-1.5
DAVOX	Davos/Dischmal	23.37 127	eP	P	21 58 28.5	-1.5
DAVOX	comp-Z,14nm,0.9s,baz=319,slow=8.3,SNR=22		e	LR	22 08 42.8	
IGN	comp-Z,1um,18.8s,baz=338,slow=40	23.39 92	eP	P	21 58 28.3	-1.6
TUE	Ignalina	23.39 92	eP	P	21 58 33.3	+0.3
TUE	Stuetta	23.45 128	eP	I Amb	21 58 54.5	
FETA	comp-Z,79nm,1.3s	23.46 125	eP	P	21 58 34.5	+3.6
FETA	Feichten	23.46 125	eP	P	21 58 32.0	+1.2
SQTA	comp-Z,19nm,1.4s	23.47 124	eP	P	21 58 29.9	-0.7
SQTA	Sankt Quirin	23.47 124	eP	P	21 58 32.0	+1.2
TMCR	comp-Z,18nm,0.9s,SNR=5.9	23.47 65	eS	P	21 58 29.9	-0.7
TMCR	Tamitsa	23.47 65	eS	P	22 02 43.6	-0.2
TMCR			eS	Pmax		
WATA	comp-Z,35nm,0.9s	23.49 123	eP	P	21 58 31.8	+0.7
WATA	Walderalm	23.49 123	eP	P	21 58 31.8	+0.7
BEL	comp-Z,22nm,1.0s,SNR=10	23.53 104	eP	P	21 58 31.4	+0.1
WTTA	Beisk	23.53 104	eP	P	21 58 29.9	-2.1
WTTA	Wattenberg	23.57 123	eP	P	21 58 36.1	+3.9
PCAB	comp-Z,23nm,1.1s	23.61 162	eP	P	21 58 30.4	-1.9
IDID	Cabrill	23.61 162	eP	P	21 58 33.3	+0.6
EUU	Didziasalis	23.63 92	eP	P	21 58 30.4	-1.9
EUU	Eureka	23.69 336	eP	I Amb	21 58 40.3	+0.6
PBRG	comp-Z,62nm,1.2s	23.70 159	eP	P	21 58 36.7	+3.6
VRAC	Braganca	23.70 159	eP	P	21 58 32.0	-1.7
VRAC	comp-Z,39nm,1.8s	23.77 114	eP	P	22 09 08.8	
VRAC	Vranov	23.77 114	eP	P	21 58 33.9	+0.2
VRAC	comp-Z,12nm,1.0s,baz=326,slow=12,SNR=5.2		e	LR	22 09 08.8	
VRAC			e	LR		
VRAC	comp-Z,1um,18.2s,baz=329,slow=40	23.77 114	eP	P	21 58 33.9	+0.2
VRAC	Vranov	23.77 114	eP	P	21 58 30.8	-2.9
VRAC			eS	P	22 02 58.0	+9.2
VRAC			eS	P	21 58 33.6	-0.2
MORC	Moravsky Berou	23.77 112	eP	P	21 58 30.9	-2.9
MORC	Moravsky Berou	23.77 112	eP	P	22 02 57.3	+8.3
MORC			eS	P	21 58 32.1	-1.7
MORC	Moravsky Berou	23.77 112	eP	Pmax		
MORC			e	Pmax		
MORC	comp-Z,95nm,1.8s	23.77 112	eP	P	21 58 32.1	-1.7
MORC	Moravsky Berou	23.77 112	eP	I Amb	21 58 47.1	
MORC			e	I Amb		
BNI	comp-Z,94nm,1.8s	23.83 133	eP	P	21 58 35.3	+0.8
BNI	Bardonecchia	23.83 133	eP	Pmax		
BNI			e	Pmax		
BNI	comp-Z,36nm,1.3s	23.83 133	eP	P	21 58 35.3	+0.8
BNI	Bardonecchia	23.83 133	eP	P	21 58 35.3	+0.8
KRUC	Moravsky	23.89 114	eS	P	21 58 32.2	-2.9
NACGM	Naroch	23.92 93	eP	P	21 58 32.2	-2.9
NACGM			eP	P	21 58 32.2	-2.9
NACGM			eP	P	21 58 32.2	-2.9
NACGM			eP	P	21 58 32.2	-2.9
NACGM			eS	Sn	22 02 59.4	+8.3
NACGM			eS	SnSn	22 03 53.9	+3.0
NACGM			eS	Sn	22 06 12.6	
NACGM			eS	LR	22 08 22.7	
POLO	Lamas de Olo	23.97 161	eP	P	21 58 39.0	+3.2
OKC	comp-Z,25nm,1.6s	23.97 111	eS	S	22 03 01.6	+1.0
OKC	Ostrava-Krasne	23.97 111	eS	AMS	22 08 30.0	
MOA	comp-Z,900nm,20.1s	24.05 119	eP	P	21 58 38.1	+1.7
MOA	Molin	24.05 119	eP	P	21 58 42.1	+5.4
PVRL	comp-Z,31nm,1.4s	24.07 161	eP	P	21 58 40.7	+2.0
PVRL	Vila Real	24.07 161	eP	P	21 58 40.7	+2.0
MVO	comp-Z,40nm,1.7s	24.28 160	eP	P	22 03 12.1	+1.5
MVO	Moncorvo	24.28 160	eP	P	22 05 15.3	
MVO			eS	LR	22 05 15.3	
MVO	comp-Z,44nm,2.3s		eS	LR	22 05 15.3	
MVO			eS	LR		
ABTA	comp-Z,670nm,18.0s	24.33 123	eP	P	21 58 42.1	+3.0
ABTA	Abfaltersbach	24.33 123	eP	P	21 58 39.1	0.0
OJC	comp-Z,17nm,1.3s	24.34 108	eS	P	22 03 01.1	+3.1
OJC	Ojcow	24.34 108	eS	P	21 58 39.3	+0.2
OJC			e	Pmax		
OJC	Ojcow	24.34 108	eP	Pmax		
OJC			e	Pmax		
OJC	comp-Z,90nm,1.6s	24.34 108	eP	P	21 58 39.3	+0.2
KBA	Koelnbreinsper	24.35 121	eP	P	21 58 39.4	-1.7
JAVC	comp-Z,19nm,1.3s	24.55 113	eP	P	21 58 41.7	+0.2
JAVC	Velka Javorina	24.55 113	eP	P	21 58 42.1	+0.6
CONA	comp-Z,20nm,1.0s,SNR=11	24.60 117	eP	P	21 58 53.6	
CONA	Conrad Obervina	24.60 117	eP	P	21 58 45.3	+3.8
SALO	comp-Z,54nm,1.1s	24.60 162	eP	P	21 58 41.1	-0.6
SALO	Salr	24.60 162	eP	P	21 58 45.3	+3.8
PVIS	comp-Z,41nm,1.4s	24.62 125	eP	P	21 58 41.1	-0.6
PVIS	Viseu	24.62 125	eP	Pmax		
CTI	comp-Z,38nm,1.1s	24.62 125	eP	P	21 58 41.1	-0.6
CTI	Castel Tesino	24.62 125	eP	I Amb	21 58 47.5	
CTI			e	I Amb		
ZOU	comp-Z,38nm,1.1s	24.66 122	eP	I Amb	21 58 53.9	
ZOU	Zouplian	24.66 122	eP	I Amb	21 58 42.5	+0.6
MNK	comp-Z,41nm,1.1s	24.67 92	eP	P	21 58 42.5	+0.6
MNK	Minsk	24.67 92	eP	P	21 58 42.5	+0.6
MNK	comp-E,3.0nm,1.0s		e	P	21 58 42.5	+0.6
MNK			e	P		

MNK	comp-Z,39nm,1.0s	24.67 92	eP	P	21 58 42.5	+0.6
MNK	Minsk	24.73 114	eP	P	21 59 13.2	-0.1
MNK	Smolenice	24.73 114	eP	P	22 03 03.8	+0.7
MNK			eS	Sn	22 03 49.1	+0.7
MNK			eS	Sn	22 03 44.4	
MNK	comp-Z,287nm,17.8s	24.73 114	eP	P	22 06 41.0	
MNK			e	LRM	22 07 51.6	
MNK			e	LRM		
MNK	comp-E,55nm,17.8s	24.73 114	eP	P	22 08 25.9	
MNK			e	LRM	22 08 28.5	
MNK	comp-N,577nm,17.8s	24.73 92	eP	P	21 58 43.0	+1.1
MNK	Minsk	24.73 114	eP	P	21 58 43.4	+0.8
MNK	Smolenice	24.73 114	eP	P	21 58 43.0	+0.8
MNK			e	Pmax		
SMOL	comp-Z,29nm,1.1s	24.73 114	eP	P	21 58 43.4	+0.8
SMOL	Smolenice	24.73 114	eP	P	21 58 44.3	+1.2
MODS	Mokra-Piesok	24.79 114	eP	P	21 58 44.3	+1.2
MODS			e	Pmax		
MODS	comp-Z,195nm,2.0s	24.79 114	eP	P	21 58 44.3	+1.2
MODS	Mokra-Piesok	24.79 114	eP	P	21 58 44.3	+1.2
MODS			eS	P	22 03 13.0	+7.8
MODS			eS	P	21 58 43.8	+0.4
MODS			eS	P	21 58 45.3	+1.7
STAL	STALIGAL	24.82 123	eP	P	21 58 43.8	+0.4
MYKA	Terra Mystica	24.84 121	eP	P	21 58 45.3	+1.7
ZST	Bratislava	24.86 115	eS	P	21 58 16.4	+1.0
MTE	Maiteigas	24.86 161	eS	P	21 58 46.2	+1.5
MTE			eS	LR	22 03 28.7	+2.1
MTE			eS	LR	22 05 31.1	
MTE	comp-Z,1um,18.0s	24.96 161	eP	P	21 58 46.3	+1.5
MTE	Maiteigas	24.96 161	eP	P	21 58 50.5	
MTE			e	I Amb	21 58 45.9	+0.6
MTE	comp-Z,49nm,1.2s	25.03 118	eP	P	21 58 45.9	+0.6
MTE	Arzberg	25.03 118	eP	P	21 58 46.4	+1.0
COI	comp-Z,17nm,0.9s,SNR=7.0	25.03 163	eP	P	21 58 46.4	+1.0
COI	Coimbra	25.03 163	eP	Pmax		
COI			e	Pmax		
COI	comp-Z,59nm,1.3s	25.03 163	eP	P	21 58 46.4	+1.0
COI	Coimbra	25.04 110	eP	P	21 58 45.2	-0.2
LANS	Liptovska Anna	25.04 110	eP	P	21 58 45.2	-0.2
LANS			e	Pmax		
LANS	comp-Z,21nm,1.0s	25.04 110	eP	P	21 58 45.2	-0.2
LANS	Liptovska Anna	25.04 110	eP	P	21 58 48.0	+2.4
LANS	Sopron	25.07 116	eP	P	21 58 46.0	-0.1
LANS	Robic	25.12 122	eP	P	21 58 47.3	+0.7
LANS	Niedzica	25.17 109	eP	P	21 58 48.9	+2.2
LANS	PCAS	25.18 163	eP			

BRTR	Keskin Array B	38.57 105	P	P	22 00 42.1	-2.1
BRTR	comp-Z,5.8nm,0.9s,baz=322,slow=9.1,SNR=6.5					
BRTR	LR				22 19 20.3	
SADO	comp-Z,130nm,18.2s,baz=304,slow=41				22 15 25.0	
SADO	Sadow KIN 1	38.71 270	LR	LR		
KIV	comp-Z,847nm,21.3s,baz=68,slow=34				22 00 47.0	-0.3
KIV	Kislovodsk	38.95 92	i	P	22 03 00.3	
KIV	comp-Z,15nm,1.0s				22 06 44.2	-1.3
KIV	comp-Z,958nm,24.0s					
KIV	Kislovodsk	38.95 92	P	P	22 00 48.8	+1.5
KVAR	Kislovodsk Arr	38.95 92	LR	LR	22 17 36.1	
YKA	comp-Z,4.70nm,18.8s,baz=252,slow=38				22 00 47.9	-1.0
YKA	Yellowknife Ar	39.18 313	P	P	22 02 56.1	-1.7
YKA	comp-Z,4.6nm,0.9s,baz=45,slow=8.8,SNR=13				22 16 40.9	
YKA	comp-Z,0.6nm,0.9s,baz=41,slow=3.8,SNR=4.1					
KBZ	comp-Z,653nm,19.8s,baz=20,slow=36				22 00 46.8	-2.6
KBZ	Khabaz	39.22 92	P	P	22 17 20.7	
KBZ	comp-Z,4.2nm,0.9s,baz=332,slow=10,SNR=4.2					
KBZ	comp-Z,724nm,21.7s,baz=324,slow=37				22 00 50.1	+0.7
KBZ	Khabaz	39.22 92	i	P	22 00 51.3	-1.3
KBZ	comp-Z,29nm,1.2s				22 00 54.8	+1.3
K56A	Middlesex	39.59 266	P	P	22 00 57.0	-1.3
NCK	Nalchik	39.71 92	i	P	22 00 56.2	-3.0
NCK	comp-Z,23nm,1.0s				22 17 35.5	
I51A	Listowel	40.29 270	P	P	22 01 00.4	+0.8
AKTO	Aktyubinsk	40.41 73	P	P	22 00 58.8	-4.1
AKTO	comp-Z,11nm,1.0s,baz=311,slow=8.5,SNR=3.8				22 01 06.1	-0.4
ZEI	Tsey	40.41 92	i	P	22 01 06.4	-1.1
ZEI	comp-Z,1.0nm,1.0s				22 01 06.6	-1.1
N58A	Sunbury	40.85 264	P	P	22 01 06.8	-0.8
N57A	Milroy	41.28 264	P	P	22 01 08.3	+0.1
A21K	Barrow	41.46 341	P	P	22 01 08.3	+0.1
A21K	Barrow	41.46 341	P	P	22 01 08.3	+0.1
A21K	Barrow	41.46 341	P	P	22 01 08.3	+0.1
EYMN	Ely	41.49 283	P	P	22 01 08.3	+0.1
ULM	Lac du Bonnet	41.52 289	P	P	22 01 08.4	-0.4
ULM	comp-Z,2.0nm,0.6s,baz=18,slow=10,SNR=1.7				22 01 09.9	-0.6
M54A	Oil Creek Stat	41.57 267	P	P	22 01 08.4	-0.4
O57A	Amberson	41.76 264	P	P	22 01 08.2	-2.7
MAK	Makhachkala	41.83 89	e	P	22 07 24.4	-3.8
MAK	comp-Z,259nm,1.2s					
MAK	comp-Z,602nm,18.0s					
ABKAR	Akbulak array	42.11 73	P	P	22 01 13.3	+0.1
TIXI	Tiksi	42.12 15	i	P	22 01 12.6	-0.5
TIXI	comp-Z,92nm,1.0s				22 01 12.5	-0.5
TIXI	Tiksi	42.12 15	P	P	22 01 11.9	
TIXI	comp-Z,30nm,0.9s				22 01 12.8	-0.9
N54A	Moraine State	42.16 267	P	P	22 01 13.3	-1.0
GAZ	Gaziantep	42.22 103	P	P	22 01 18.1	-0.2
TOLK	Toolik Lake Re	42.27 336	P	P	22 01 18.2	-0.7
M51A	Elyria	42.80 269	P	P	22 01 20.1	+0.7
P56A	Darton Farm, R	42.87 265	P	P	22 01 17.6	-2.6
GNI	Garni	42.94 94	P	P	22 01 21.6	+1.4
GNI	comp-Z,5.1nm,0.9s,baz=243,slow=14,SNR=2.1					
GNI	Garni	42.94 94	i	P	22 01 20.3	-2.2
BRVK	Borovoye	43.26 62	P	P	22 01 20.3	-2.2
BRVK	comp-Z,13nm,1.1s				22 01 20.3	-2.2
BRVK	Borovoye	43.26 62	P	P	22 01 28.2	-0.7
R56A	Bull Pasture M	44.02 264	P	P	22 01 28.3	-0.7
ACSO	Alum Creek Sta	44.05 269	P	P	22 01 29.6	+0.2
COLD	Coldfoot	44.13 336	P	P	22 01 29.2	-0.8
P52A	Corning	44.17 268	P	P	22 01 32.3	+0.1
EGAK	Eagle	44.48 329	P	P	22 01 39.9	
EGAK	comp-Z,19nm,1.2s				22 01 33.9	+0.9
TAM	Tamanrasset	44.51 149	P	P	22 01 33.9	+0.9
TAM	comp-Z,10.0nm,1.2s				22 01 40.5	
DAWY	Dawson	44.70 328	I	Amb	22 01 46.4	
RDOG	Red Dog Mine	45.33 342	I	Amb	22 01 47.6	
K27K	comp-Z,22nm,1.3s				22 01 39.7	+0.2
S54A	Dingess, Beckl	45.35 266	P	P	22 01 39.8	+0.4
S54A	Dingess, Beckl	45.35 266	P	P	22 01 41.6	-0.1
IL31	Eielson Array	45.69 332	P	P	22 01 41.3	-0.5
ILAR	comp-Z,3.2nm,1.0s,baz=21,slow=5.6,SNR=18				22 03 18.6	-0.9
ILAR	comp-Z,6.4nm,1.0s,baz=340,slow=3.8,SNR=5.4				22 01 42.5	+0.3
SFIN	Lafayette	45.70 273	P	P	22 01 50.3	
MDM	Murphy Dome	45.79 333	I	Amb	22 01 40.9	-1.8
SCRK	Sand Creek	45.79 330	P	P	22 01 42.2	-0.4
TCOL	CIGO, UAF Yank	45.80 333	P	P	22 01 42.2	-0.4
TCOL	CIGO, UAF Yank	45.80 333	P	P	22 01 42.2	-0.4
I23K	Minto, Yukon-K	45.84 334	P	P	22 01 43.2	+0.2
I23K	Minto, Yukon-K	45.84 334	P	P	22 01 43.2	+0.2
CCB	Clear Creek Bu	45.99 333	I	Amb	22 01 52.6	
MLY	Manley	46.20 335	P	P	22 01 45.8	-0.1
NEA2	Nenana	46.28 333	P	P	22 01 45.8	-0.1
L26K	Log Cabin Wild	46.49 329	P	P	22 01 46.8	-1.3
HDIL	Hopedale	46.50 275	P	P	22 01 49.1	+0.7
V56A	Mocksaville	46.68 263	P	P	22 01 50.4	+0.5
PAX	Paxson	47.00 330	I	Amb	22 02 01.0	
ECSD	EROS Data Cent	47.01 284	P	P	22 01 52.3	-0.1
HYT	Haines Junction	47.03 324	I	Amb	22 02 31.2	
MCK	McKinley	47.03 333	P	P	22 01 51.7	-0.7
DLB	Dease Lake	47.05 318	LR	LR	22 02 29.9	
SCIA	State Center	47.06 279	P	P	22 01 53.9	+1.0
WCI	Wyandotte Cave	47.14 270	P	P	22 01 54.7	+1.2
W56A	Indian Trail	47.29 263	P	P	22 01 53.5	-1.1
ZAA0	Zalesovo Array	47.76 51	I	Amb	22 02 01.5	

ZALV	comp-Z,8.3nm,0.9s				22 01 54.5	-3.6
ZALV	Zalesovo Beam	47.76 51	P	P	22 02 26.5	-0.4
ZALV	comp-Z,6.1nm,0.9s,baz=341,slow=7.8,SNR=19				22 24 01.0	
ZALV	comp-Z,3.8nm,1.0s,baz=328,slow=5.3,SNR=5.4				22 01 59.4	-0.7
N25K	Chitina, Valde	48.02 329	P	P	22 02 22.0	
N25K	Chitina, Valde	48.02 329	I	Amb	22 02 00.4	0.0
X56A	White Oak	48.03 263	LR	LR	22 01 02.6	
TKL	Tueleleechee C	48.22 266	LR	LR	22 01 59.3	-2.5
KURK	Kurchatov	48.24 58	P	P	22 01 59.2	-2.6
KURK	comp-Z,20nm,1.0s				22 01 59.4	-2.8
KURK	Kurchatov Arra	48.28 58	P	P	22 02 06.4	0.0
EGMT	Eagleton	48.81 297	P	P	22 02 07.6	+0.4
Z57A	Bowman	48.91 262	P	P	22 02 15.1	
ANM	Norne	48.97 342	I	Amb	22 02 09.9	-1.1
CCM	Cathedral Cave	49.41 275	P	P	22 02 11.6	-0.4
RC01	Rabbit Creek A	49.58 332	P	P	22 02 14.0	+0.2
RSSD	Black Hills	49.76 290	P	P	22 02 14.4	-1.1
GOGA	Godfrey	50.00 264	P	P	22 02 17.6	-2.0
GEYT	Alibek	50.54 83	P	P	22 26 05.0	
GEYT	comp-Z,4.3nm,0.9s,baz=318,slow=8.4,SNR=2.6				22 02 20.7	+0.5
S39A	Bolivar	50.61 276	P	P	22 02 21.2	-0.6
S39A	comp-Z,15nm,0.8s				22 02 22.6	-0.1
KSU1	Kansas State U	50.83 280	P	P	22 02 23.0	-0.3
KOWA	Kowa	50.94 163	P	P	22 02 23.2	
KOWA	comp-Z,34nm,1.6s				22 02 23.6	-0.8
RLMT	Red Lodge	51.02 294	P	P	22 02 23.6	-0.8
RLMT	Red Lodge	51.02 294	I	Amb	22 02 23.6	-0.8
BTLS	Baital	51.15 65	e	P	22 02 23.6	-0.8
BTLS	Baital	51.15 65	e	P	22 02 23.6	-0.8
BTLS	Baital	51.15 65	e	P	22 02 23.6	-0.8
NEW	Newport	51.37 302	LR	LR	22 24 02.5	
YAK	Yakutsk	51.37 191	e	P	22 02 27.2	+1.8
YAK	comp-Z,5.0nm,0.5s				22 02 25.5	-0.5
M50	Missoula	51.39 299	P	P	22 02 32.1	
KK31	Karatay Array	51.40 70	I	Amb	22 02 32.1	
KKAR	Karatay Array	51.40 70	I	Amb	22 02 26.2	-0.9
U40A	Yellville	51.54 275	I	Amb	22 02 34.8	
U40A	Yellville	51.54 275	I	Amb	22 02 26.5	-0.7
BOZ	Bozeman (W)	51.54 297	P	P	22 25 09.1	
BBB	Bella Bella	51.79 313	LR	LR	22 02 28.4	-0.9
LRAL	Lakeview Retre	51.84 267	P	P	22 02 29.5	-0.4
DZA	Taraz	51.91 69	e	P	22 23 45.7	
DZA	comp-Z,13nm,1.1s,baz=69				22 02 29.4	-0.4
DZA	Taraz	51.91 69	e	P	22 02 30.8	+0.2
DZA	comp-Z,13nm,1.1s				22 02 30.2	-0.5
DZA	comp-Z,247nm,19.0s				22 02 30.1	-0.5
K22A	Casper	51.98 291	P	P	22 02 33.7	+1.9
IUG	Iuzhnyy	52.01 71	e	P	22 02 32.2	+0.1
IUG	comp-Z,7.6nm,1.0s,baz=71				22 02 32.2	+0.1
IUG	Iuzhnyy	52.01 71	e	P	22 02 32.2	+0.1
H17A	Grant Village	52.14 295	P	P	22 02 32.2	+0.1
DGZ	Jazator, Alta	52.21 52	i	P	22 02 32.2	+0.1
DGZ	comp-Z,17nm,1.0s				22 02 32.2	-0.4
W41B	Gary Mavity, V	52.28 274	P	P	22 02 33.0	-1.3
SEY	Seymchan	52.56 6	P	P	22 02 33.3	-1.0
SEY	Seymchan	52.56 6	e	P	22 02 36.8	+1.0
MAKZ	Makanchi	52.73 58	P	P	22 02 36.8	+1.0
MAKZ	comp-Z,11nm,1.2s				22 02 34.1	-2.7
MAKZ	Makanchi	52.73 58	P	P	22 02 34.1	-2.7
MK31	Makanchi Array	52.85 58	e	P	22 02 36.8	-0.1
MKAR	Makanchi Array	52.85 58	P	P	22 02 37.1	-1.2
USP	Ospovovka	52.86 66	P	P	22 23 44.1	
KUU	Kurty	53.05 64	e	P	22 02 37.0	-1.2
KUU	comp-Z,13nm,1.1s,baz=64				22 02 37.0	-1.2
KUU	Kurty	53.05 64	e	P	22 02 37.1	-1.9
KUU	comp-Z,7.19nm,17.1s,baz=64				22 25 12.9	
KUU	Kurty	53.05 64	e	P	22 02 42.7	+3.4
CHMS	Chumyshy	53.18 66	P	P	22 26 57.7	
KDAK	Kodiak Island	53.20 332	LR	LR	22 02 39.8	-0.1
N23A	Red Feather La	53.22 289	P	P	22 02 38.2	-1.4
ZSN	Zaisan	53.23 56	e	P	22 02 38.1	-1.4
ZSN	Zaisan	53.23 56	e	P	22 02 39.9	-0.5
CHKK	Chushkaly	53.34 64	e	P	22 02 39.1	-1.8
CHKK	Chushkaly	53.34 64	e	P	22 02 39.7	-1.2
AAK	Ala-Archa	53.38 67	P	P	22 02 40.2	-0.7
AAK	Ala-Archa	53.38 67	i	P	22 02 39.1	-1.8
AAK	Ala-Archa	53.38 67	P	P	22 02 39.1	-1.8
AAK	Ala-Archa	53.38 67	P	P	22 02 44.7	+2.7
AML	comp-Z,20nm,1.1s					

TKM2	Tokmak 2	53.58 66	P	P	22 02 41.0	-1.4
UCH	Uchter	53.74 67	P	P	22 02 48.2	+4.3
AAA	Alma-Ata	53.85 64	e	P	22 02 43.7	-0.5
AAA	comp-Z,494nm,17.8s,baz=64				22 23 43.2	
AAA	Alma-Ata	53.85 64	e	P	22 02 43.7	-0.5
MDOK	Medeo	53.94 64	e	P	22 02 44.6	-0.4
MDOK	comp-Z,494nm,18.0s				22 02 54.7	
MDOK	Medeo	53.94 64	e	P	22 02 44.6	-0.4
MDOK	comp-Z,407nm,16.0s				22 02 44	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like OXZ, RPSZ, GCSZ, etc.

IDC 05 22:22:57.51.1, 71.44N, 2.95W, h0km, mb3.4/6, mb1 3.7/11, mb1mx3.4/70, mbtmp3.5/11, ML3.2/5, MS3.3/5, Ms1 3.3/5, ms1mx2.8/43, Error ellipse: s-maj=23.3km s-min=19.5km az=68.0

BER 05 22:23:05.51.5, 71.54N, 2.08W, h10km, ML2.2, Confirmed Earthquake

ISC 05 22:22:59.10.6, 71.56N, 0.07, 2.42W, 0.10, h10km, n34, z=245/34, mb3.3/6, MS3.3/3, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Lofoten, N2VI, STEI, etc.

IDC 05 22:27:39.91.1, 36.26N, 97.38W, h0km, mb3.5/2, mb1 3.8/7, mb1mx3.5/64, mbtmp3.5/7, ML3.4/5, MS3.5/1, Ms1 3.5/1, ms1mx2.7/28, Error ellipse: s-maj=26.4km s-min=10.8km az=10.0

TUL 05 22:27:39.91.1, 36.26N, 97.26W, 0.02, h4km, 6km, ML3.3, mb4.1/32, Error ellipse: mb_Lg3.9/169(NEIC), Mw3.6/52(NEIC), Error ellipse: s-maj=3.1km s-min=1.7km az=60.0

NEIC 05 22:27:39.91.4, 36.255N, 0.008, 97.27W, 0.02, h3km, 7km, Error ellipse: s-maj=3.0km s-min=0.8km az=70.0

CEFI 05 22:27:39.0, 36.26N, 97.26W, h3km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=0.41; Moe=1.84; Moe=1.43; Mm=1.05; Moe=2.89; Moe=0.47; Fault plane solution: M3.53000, 1014 NP1.0, 195.60000, 0.70, 470000, -1.74, 130000. NP2.0, 103.63000, 0.84, 470000, -1.19, 1630000. Principal axes: T 3.6393, P10.0000, Azm151.0000; N -0.2258, P10.0000

Azm269.0000; P -3.4135, P10.0000; Azm58.0000; ANF 05 22:27:39.91.0, 36.26N, 97.28W, h28km, 6km, ML4.8/18 Error ellipse: s-maj=2.1km s-min=2.0km az=2.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like QUOK, QUOK, QUOK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like W41B, W41B, W41B, etc.

5d 22h

Table with columns: ANMO, Albuquerque, 7.60 263, Pn, Pn, 22 29 31.1 +0.2, comp=Z, 0.4nm, 0.3s, baz=81, slow=15, SNR=7.7

2015 JAN

Table with columns: FFC, Flin Flon, 18.75 351, P, Iamb, Iamb, 22 31 59.4 +0.2, comp=Z, 5.8nm, 1.4s

256

Table with columns: NBEZ, Newall Road No, 4.24 29, P, Pn, 22 42 41.7 +1.9, KHEZ, Kahui Hut, 4.27 30, P, Pn, 22 42 40.2 +1.8

Table of astronomical observations for 6d 0h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2015 JAN, listing station names, coordinates, and observation details.

ECX 05:23:28.29.8.0.6, 32.13N, 115.19W, h4km, 1km, MD2.6, ML2.9

MEX 05:23:28.29.5.0.5, 32.14N, 114.93W, h10km, MD3.6

ISC 05:23:27.3.4.1, 32.14N, 103.115.18W, 0.05, h17km, 10km, n15, e38, 146, 26, 2C-1D, California-Baja

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table of astronomical observations for 2015 JAN, listing station names, coordinates, and observation details.

IDC 06:00:14.16.4.0.5, 49.17S, 164.80E, h0km, mb3.5/3, mb1.5/3.14, mb1mx5.1, 22, mbtmp5.2/14, ML4.9/2, MS4.5/16, Ms1.4/5.16, Ms1mx4.4/18, Error ellipse: s-maj=12.4km

az-min=15.0m az=57.0

BUJ 06:04:12.19.8.0.0, 49.21S, 164.82E, h30km, mb5.5/8, mb5.4/22, Ms5.0/5, Ms7.4/8

NOU 06:04:12.21.6.2.0, 49.10S, 164.97E, h41km, mb5.3, Auckland Islands, N.Z. Region

NEIC 06:04:12.21.6.2.0, 49.10S, 164.97E, 0.1, h31km, 2km, mb5.3/7.3, Error ellipse: s-maj=12.7km, s-min=9.4km, az=104.0

MOS 06:00:14.21.3.0.9, 49.24S, 164.43E, h35km, mb5.4/15, Error ellipse: s-maj=20.7km, s-min=9.4km, az=110.4

GCMT 06:00:14.24.6.0.2, 49.13S, 164.24E, 0.01, h39km, ML5.2/123, Moment Tensor Solution: s79, c114, t123, c189, Duration: 150, Moment magnitude: Scale 1017

Nm: Mn: 0.36; 0.2; Mw: 0.39; 0.1; Mw: 0.75; 0.1; Mo: 4.0; 2.0; Mw: 0.09; 0.1; Mw: 0.06; 0.1; Best double couple: Mo: 772000.177; NP1: 32.00000; 856.00000; 149.00000; NP2: 140.00000; 865.00000; 138.00000

Principal axes: T 0.7760, Plg44.0000, Azm359.0000, N -0.7600, Plg5.0000, Azm264.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-ratio function

ISC 06:00:14.23.5.0.3, 48.13S, 164.75E, 0.06, h49km, n433, c1825/423, mb5.3/61, MS4.6/21, 57C-48D, Fault plane solution: NP1: 142.91721, 851.08041, 222.40496; NP2: 38.39662, 872.74975, 113.88662

Principal axes: T Plg40.8374, Azm353.1403; N Plg45.9965, Azm199.6426; P Plg13.5642, Azm95.1765; Auckland Islands region

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like State Center, Alibek, YKA, C36M, BRVK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like PLO, PLO, PLO, NEHR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, SVKR, SVKR, SVKR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, SVKR, SVKR, SVKR, etc.

BYKL 06 01:06:44.8-0.2,56:16N<113:65E, h8km,2km,2C, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, SVKR, SVKR, SVKR, etc.

BYKL 06 01:07:11.1-0.4,56:16N<113:68E, 1C, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SVKR, SVKR, SVKR, SVKR, etc.

Table with columns: CRS, Chara, 2.65 72 ePg, P, 01 07 57.9 -1.5, 01 08 32.5 +0.1, 85nm, 1.0s, Smax, 88nm, 0.5s, 3.99 113 eSg, S, 01 09 14.5 +3.6, 97nm, 1.1s

IDC 06 01:22:21.0, 8.7, 31.85S, 178.98W, h52km, 68km, mb3.8/3, mb1.0/4, mb1mx3.7/34, mbtmp4.0/4, ML3.9/1, Error ellipse: s-maj=67.0km s-min=32.2km az=44.0

NEIC 06 01:22:25.4, 0.6, 32.2S, 0.1:1.79, W2.0, 2.2, h83km, 6km, mb4.2/7, Error ellipse: s-maj=27.3km s-min=17.3km az=97.0

WEL 06 01:22:26.2, 0.8, 32.2S, 22.18W, 5.3, h171km, 24km, M4.4, 6, mb4.5/3, MLv4.5/6, Mw(mb)3.7/3, Error ellipse: s-maj=0.1km s-min=0.0km az=112.2

ISC 06 01:22:28.8, 0.9, 32.41S, 0.09:179.5W, 0.2, h100km, n38, r35/6/49, mb4.3/7, South of Kermadec Islands

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

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

Table with columns: NOA, NORSAR Array B, 11.96 142 P, Pn, 02 02 02.7 -0.1, 02 04 13.0 -3.0, 02 02 49.7 +0.8, 02 04 41.5 +0.5, 02 09 07.5 +0.6

WEL 06 02:05:26.3, 43'S, 2:17'11"E, h5km, 2km, M2.5/12, mb5.2/1, ML2.5/12, MLv2.5/12, Mw(mb)4.6/1, Error ellipse: s-maj=0.0km s-min=0.0km az=129.9, South Island

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

IDC 06 02:11:11.7, 0.6, 56.64S, 150.59W, h0km, mb4.6/10, mb1.4/7.10, mb1mx4.4/29, mbtmp4.6/10, MS3.9/10, Ms1.3, 9.0, mb1mx3.7/18, Error ellipse: s-maj=36.5km s-min=15.9km az=0.0

NEIC 06 02:11:13.6, 1.3, 56.8S, 0.2:150.5W, 0.2, h10km, 1km, mb5.0/3.3, Error ellipse: s-maj=26.7km s-min=18.0km az=199.0

GCMT 06 02:11:19.6, 0.3, 56.91S, 0.02:150.59W, 0.07, h20km, 1km, Mw, 0.65, Moment Tensor Solution, s27.c31; s65.c79; Duration: 0 Moment tensor. Scale 10^19Nm; Mr=3.53; 24; Mw=3.25; 15; Mw0.0.27; 14; Mw0.74; 21; Mw0.08; 09; Mw-1.27; 36; Best double couple: M3.66300x10^16 N1.3677, 0.0000, 841.00000, -115.00000. NP2: 6.288, 0.0000, 854.00000, -70.00000. Principal axes: T: 3.6460, P1g7.0000, Azm4.0000; N: 0.6300, P1g16.0000, Azm96.0000; P: 3.9810, P1g73.0000; Azm21.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 06 02:11:13.5, 0.5, 56.9S, 0.1:150.51W, 0.10, h10km, n99, r91/72, mb5.0/24, MS4.0/14, 2D, Pacific-Antarctic Ridge

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

KRSC 06 01:58:46.1, 1.3, 49.16N, 156.89E, h40km, 20km, ML4.0

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

IDC 06 01:59:12.2, 3.9, 71.23N, 3.91W, h0km, mb3.5/2, mb1.3/5.5, mb1mx3.2/34, mbtmp3.5/5, ML2.3/2, Error ellipse: s-maj=58.5km s-min=38.0km az=148.0

BER 06 01:59:18.3, 1.9, 71.35N, 4.05W, h15km, 59km, ML2.3

Confirmed Earthquake ISC 06 01:59:12.7, 1.0, 71.35N, 0.09:3.91W, 0.08, h12km, n15, r35/10/19, Jan Mayen Island region

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

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ACVD Cuesta del Vie, RTLS Leontico, MT02 Curacav, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, etc.

NNC 06 02:13:51.2, 4.0, 82N, 71.74E, h0km, mb3.5, mpv3.4, Error ellipse: s-maj=38.2km s-min=13.6km az=5.0

SOME 06 02:13:51.5, 4.0, 93N, 71.63E, h15km, KRNET 06 02:13:51.0, 1.4, 95N, 71.63E, h15km, mb2.5

ISU 06 02:13:53.4, 0.60N, 71.70E, h5km, Hypocentre not reviewed by the ISC

ISC 06 02:13:50.5+1.2, 40.95N, 0.03, 71.73E, 0.02, h5km, 11km, n92, i196/57, 24C-13D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANR Andizhan, TRKS Terek-Say, ARSB Arslanbob, etc.

IDC 06 02:12:09.4, 0.8, 30.73S, 71.87W, h0km, mb4.4/6, mb1.4, 3/9, mb1mx4.1/26, mbmp4.3/9, ML4.0/3, MS3.3/5, Ms1.3, 3/5, ms1mx3.0/28, Error ellipse: s-maj=27.6km s-min=18.7km az=131.0

SJA 06 02:12:12.2, 1.1, 30.66S, 71.96W, h15km, ML4.2, MW4.4 NEIC 06 02:12:14.6, 1.1, 30.74S, 0.04, 71.98W, 0.07, h35km, 3km, mb4.3/5, ML4.3(GUC), Error ellipse: s-maj=8.5km s-min=5.6km az=86.0

GUC 06 02:12:16.3, 0.7, 30.81S, 71.75W, h51km, 4km, ML4.3 ISC 06 02:12:10.3, 1.7, 30.73S, 0.03, 71.94W, 0.04, h6km, 11km, n95, i196/128, mb4.5/7, 7C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CO02 Combarbal, CO02 Combarbal, CO02 Combarbal, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRLS Borolday, BRLS Borolday, BRLS Borolday, etc.

ISK 06 02:24:55.9, 4.0, 19N, 25.19E, h8km, ML2.5/10 ATH 06 02:24:57.0, 4.0, 20N, 25.20E, h15km, 2km, ML1.8/2, Error ellipse: s-maj=2.3km s-min=0.9km az=156.0

ISC 06 02:24:56.3, 1.1, 40.16N, 0.04, 25.21E, 0.03, h25km, 10km, n19, o189/26, Aegean Sea

Table with columns: MDOK, Medeo, Azimuth, Elevation, Frequency, Band, and other technical details for various radio stations.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for various radio stations.

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

BUI 06:03:35:06:0.0, 33:24Sx179:13W, h24km, mb5.4/8, M4.4/31, Ms7.4/6.1, WEL 06:03:35:07:2.0, 33:31S, 17:8W, 1.8, h108km, 37km, M4.7/42, mB5.2/37, ML5.6/6, MLV5.2/42, Mw(mB)4.6/37, Error ellipse: s-maj=0.0km s-min=0.0km az=111.1

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

JMA 06 03:39:34.5, 24:09'N, 121:66'E, h18km, M2.8
TAP 06 03:39:35.5, 24:15'N, 121:67'E, h20km, ML3.8, B
ISC 06 03:39:34.1-0.9, 24:13'N, 0.01-121.78E, 0.02, h16km, 7km, n131, 0.07/201, 3C-15D, Taiwan

Main table of station data for the left column, including station names like Chiawan, Nanchiao, Hualien, etc., and their respective coordinates and frequencies.

Main table of station data for the middle column, including station names like Mucha, Yuchr, Yuli, etc., and their respective coordinates and frequencies.

Main table of station data for the right column, including station names like Ta-pu, Ta-yuan, Tuku, etc., and their respective coordinates and frequencies.

NEIC 06 03:50:25.0, 6.2, 98N, 0.07x124.31E, 0.08, h348km, 6km, mb4.5/41, Error ellipse: s-maj=11.2km s-min=9.5km az=81.0

DJA 06 03:50:26.4, 0.2, 3'N, 3'12'4E, h339km, 3km, M4.6/29, mb5.0/12, mb4.8/29, MLv4.9/15, Mw(mB)4.4/12

KLM 06 03:50:26.2, 2:59N, 124:38E, h355km, mb4.7, IDC 06 03:50:26.8, 0.2, 98N, 124:31E, h356km, 3km, mb3.7/21, mb1.3/26, mb1mx3.6/4, mbtm4.5/26, Error ellipse: s-maj=12.6km s-min=6.0km az=83.0

MAN 06 03:50:40.4, 4:03N, 124:49E, h242km, M4.1, NOU 06 03:50:48.4, 1:00N, 124:28E, h277km, mb4.7, Minahassa Peninsula, Sulawesi

ISC 06 03:50:26.2, 0.3, 2:99N, 0.04-124:35E, 0.06, h350km, n136, 1506/142, mb4.2/53, 2D, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations in the right column.

ellipse: s-maj=21.2km s-min=16.3km az=74.0
ISC 06 05:38:26.9:0.5,11.715:0.07:166.6E:0.1,h200km,n60,
a=171.61,mb4.4/21,Santa Cruz Islands

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

SOME 06 05:45:36.2:1.412N:83.37E,h10km
NWC 06 05:45:40.0:2.6,41.78N:83.44E,h0km,mb3.6,mpv3.2,
Error ellipse: s-maj=18.4km s-min=11.3km az=146.0

ISC 06 05:45:41.7:2.6,41.71N:0.1:83.20E:0.09,h10km,n23,
a=256/35,5C-3D,Southern Xinjiang

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

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

IDC 06 05:53:32.0:2.1,50.55N:130.54W,h0km,mb3.4/1,
mb1 3.4/9,mb1mx3.3/55,mbtmp3.2/9,ML3.4/7,MS3.1/5,
M1 3.1/5,M1mx2.8/27,Error ellipse: s-maj=32.5km
s-min=14.4km az=62.0

PGC 06 05:53:34.6:0.1,50.74N:130.58W,h10km,MLSn3.3/23,
Mw3.9/23,222km west of Pt. Hardy, Bc Vancouver Island,
Canada Region

ISC 06 05:53:34.2:1.1,50.75N:0.06:130.53W:0.07,h14km,n58,
a=191/63,Vancouver Island region

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

IDC 06 05:54:34.9:0.7,29.12S:112.49W,h0km,mb4.2/11,
mb1 4.3/12,mb1mx4.2/37,mbtmp4.2/12,ML4.4/1,MS4.5/22,

M1 4.5/22,ms1mx4.4/26,Error ellipse: s-maj=25.3km
s-min=21.9km az=90.0
NEIC 06 05:54:36.0:1.9,29.4S:0.1:112.23W:0.07,h10km,1km,
mb4.9/77,Error ellipse: s-maj=17.1km s-min=10.1km
az=185.0
BUI 06 05:54:39.0:0.0,29.20S:112.20W,h10km,mb5.2/1
GCMT 06 05:54:40.0:0.1,29.51S:0.0:112.60W:0.01,h12km,
s131,c109;
Duration: 0 Moment tensor: Scale 1016Nm;
Mn=0.49z; 11; Mw=4.96z; 11; Mw=5.45z; 10; Mw=1.42z; 29;
Mw=3.72z; 10; Mw=0.54z; 28; Best double couple:
M=6.59100x1016 NP2=27.00000; 3.76.000000;
1-3.000000; NP2=118.00000; 887.00000;
-1.166.00000; Principal axes: T 6.7680,Plg8.0000;
Az=252.0000; N -0.3710,Plg76.0000; Az=129.0000;
P -6.3940,Plg11.0000; Az=343.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 06 05:54:37.6:0.5,29.25S:0.1x112.24W:0.10,h10km,n220,
a=152/178,mb4.8/41,MS4.6/25,Easter Island region

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

6d 7h

Table with columns: UKT, Uakit, 0.61 185, Pg Sg, 06 37 47.5 -1.1, 06 37 55.2 -1.4, Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc.

BYKL 06:06:38.30.8.0.2.56.18N.113.58E, h6km, 3km, East of Lake Baykal

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

BGR 06:06:55.26.7.0.7.31.31N.6.67E, h3km, ML2.7/3, Error ellipse: s-maj=11.1km s-min=6.7km az=89.0 BGR Felt III EMS. LDG 06:06:55.28.6.0.1.53.33N.6.71E, h3km, Md2.6/2, ML2.8/10, Error ellipse: s-maj=3.1km s-min=2.0km az=120.0 ISC 06:06:55.26.2.1.1.53.22N.0.06.6.63E.0.05, h0km, n21, c197/34, The Netherlands

2015 JAN

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

WEL 06:06:55:00.43:11S:171:25E, h9km, ML3.7, Mw3.6, Moment Tensor Solution, s3 Moment tensor: Scale 1014 Nm; Mr:1.17; M0:0.08; M00:-1.25; M01:-0.81; M02:-2.53; M03:-0.25; Fault plane solution: Mo:2.78000x1014 NP1: 0.354,00000; 0.65,00000; 0.13,00000. NP2: 0.259,00000; 0.79,00000; 0.155,00000. Principal axes: T=-33.0300, P=26.0000, N=21.0000; N: 22.6200, P: 63.0000, Azm:57.0000; P: 10.4200, P1g:0000, Azm:309.0000

WEL 06:06:55:46.9.0.4.43:3S:17:1E, h5km, M3.6/17, ML3.8/17, MLV3.6/17 Error ellipse: s-maj=0.0km s-min=0.0km az=133.9, South Island

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

ISC 06:07:23:01.6.1.4.49.98N.78.81E, h0km, mb1 2.8/2, mb1mx2.8/4, mbtmp2.8/2, ML2.1/1, Error ellipse: s-maj=18.0km s-min=9.6km az=64.0 NNC 06:07:23:03.1.0.4.50.01N:78.69E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=7.7km s-min=2.0km az=78.0, Suspected Mining explosion.

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

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

IDC 06:07:28:59.8.3.0.8:93N:122:90E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/45, mbtmp3.5/4, MS3.1/3, Ms1 1.1/3, ms1mx2.6/36, Error ellipse: s-maj=402.3km s-min=23.9km az=64.0

ISC 06:07:29:01.1.1.3.10:64N:0:05:126:4E:0:1, h50km, n11, c1869/13, mb3.6/4, MS2.9/3, Philippine Islands region

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

IDC 06:07:33:56.8.4.7.50:12Sx120:33E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/22, mbtmp3.9/3, MS3.2/3, Ms1 3.2/3, ms1mx2.9/24, Error ellipse: s-maj=233.4km s-min=27.1km az=95.0, Western Indian-Antarctic Ridge

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

IDC 06:07:34:08.2.3.2.38:28N:69:73E, h0km, mb4.0/2, mb1 3.6/9, mb1mx3.3/44, mbtmp3.9/9, ML3.2/7, Error ellipse: s-maj=48.1km s-min=15.1km az=158.0 NNC 06:07:34:17.2.2.5.38:36N:69:47E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=19.6km s-min=13.5km az=3.0

ISC 06:07:34:12.5.1.5.38:6N:0:1.69:48E:0:07, h12km, n18, c268/25, 7C-5D, Tajikistan

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

Suspected Mining explosion.
IDC 08:29:20.6,2.9,54.57N,86.37E,h0km,mb1 2.9/2,
mb1mx2.8/39,mbtmp2.9/2,ML2.8/2,Error ellipse:
s-maj=22.9km s-min=14.6km az=49.0

ISC 06:28:29.15,6.3,7.552N,0.2,84.2E,0.1,h0km,n7,az201/9,
2C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 06:45:57.0,4.6,5.29N,127.36E,h111km,47km,mb3.4/3,
mb1 3.5/7,mb1mx3.3/32,mbtmp3.8/7,MS3.8/1,Ms1 3.8/1,
ms1mx2.4/40,Error ellipse: s-maj=46.9km s-min=21.7km
az=72.0

ISC 06:45:56.0,8.5,3N,0.1,127.6E,0.1,h100km,n12,
az234/14,mb4.1/7,1,C,Philippine Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DDMP Don Marcelino, KIDP Kidapawan, etc.

IDC 06:49:45.0,3.7,9.59N,127.31E,h0km,mb3.4/3,
mb1 3.6/3,mb1mx3.3/33,mbtmp3.4/3,Error ellipse:
s-maj=281.7km s-min=227.6km az=66.0

MAN 06:49:50.5,9.12N,126.66E,h32km,MS2.8

ISC 06:49:52.1,8.9,10N,0.05,126.6E,0.1,h36km,n10,
az154/16,mb3.3/3,2C-1D,Mindanao

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GLSP General Luna, BISP Bislig, etc.

IDC 06:52:51.2,16.0,35.24N,21.39E,h0km,mb3.8/5,
mb1 3.8/6,mb1mx3.5/34,mbtmp3.7/6,ML3.7/1,Error
ellipse: s-maj=324.8km s-min=36.4km az=34.0

ATH 06:53:07.2,36.36N,22.20E,h9km,2km,ML3.0/6,Error
ellipse: s-maj=3.1km s-min=1.1km az=33.0

THE 06:53:07.0,36.36N,22.18E,h0km,2km,ML3.0/8,Error
ellipse: s-maj=2.7km s-min=0.6km az=222.0

ISC 06:53:02.8,0.9,36.29N,0.05,21.96E,0.14,h10km,n49,
az219/66,mb4.0/5,Southern Greece

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

Table with columns: AMT, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Artemida-Makis, Epidavros, etc.

IDC 09:03:40.6,29.0,26.93N,95.54E,h0km,mb3.4/3,
mb1 3.4/3,mb1mx3.3/41,mbtmp3.4/3,MS3.3/1,Ms1 3.3/1,
ms1mx2.5/42,Error ellipse: s-maj=451.1km
s-min=78.6km az=175.0,Myanmar-India border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, SONM Songoing Array, etc.

IDC 06:09:49.3,2.3,6.77S,129.55E,h122km,26km,mb3.8/5,
mb1 4.0/9,mb1mx3.6/35,mbtmp4.2/9,Error ellipse:
s-maj=4.1km s-min=15.7km az=94.0

DJA 06:09:45.1,6.0,7.9,3.1,13.0E,azh20km,12km,M4.5/13,
mb4.5/7,mb1mx5.0/MLV.6/13,Mw(mb)4.3/6

NOU 06:09:05.0,5.4,7.82S,129.90E,h170km,mb4.1,Banda Sea
ISC 06:09:05.0,8.6,8.87S,0.07,129.70E,0.10,h200km,n17,
az269/16,mb3.8/5,Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, ENDI Gandamaira, etc.

WEL 06:09:06:17.0,43.5,2,17.1E,azh5km,2km,M2.6/12,
mb3.4/1,ML2.8/12,MLV2.6/12,Mw(mb)3.5/1,Error
ellipse: s-maj=0.0km s-min=0.0km az=113.1,South
Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like INZ Inchbonnie, WZ Watlaha Valley, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like STEP BALKESIR, BALIKESIR, BAIKESIR, etc.

NAO 06:23:28.2,2.5,71.39N,3.65W,ML4.1
IDC 06:23:30.4,0.7,71.53N,3.37W,h0km,mb4.0/17,
mb1 4.1/22,mb1mx3.9/51,mbtmp4.0/22,ML3.3/4,MS3.6/30,
Ms1 3.6/30,ms1mx3.5/47,Error ellipse: s-maj=17.1km
s-min=13.3km az=75.0
BER 06:29:23.31,9.4,0,71.50N,3.87W,h12km,26km,ML2.4,
ML4.1(NAO),Confirmed Earthquake
NEIC 06:29:23.32,5.1,5,71.6N,0.1,3.3W,0.1,h10km,1km,
mb4.3/9,Error ellipse: s-maj=17.5km s-min=6.7km

6d 10h

Table with columns: SZCU, LCMT, KNB, BGU, MVU, MTPU, U15A, ESJX, Shurtz Canyon, Little Creek M, Kanab, Big Grassy Mou, Marysville, Mount Pierson, North Rim, Sierra Juarez. Includes time, phase, and magnitude data.

IDC 06 09:59:06.9, 1.4, 71.49N, 3.44W, h0km, mb3.4/5, mb1 3.6/9, mb1 mx3.4/5, mbtmp3.5/9, ML2.9/3, MS3.4/6, M1 3.4/6, ms1mx2.9/37, Error ellipse: s-maj=27.6km s-min=22.0km

az=60.0

BER 06 09:59:03.0, 3.4, 71.63N, 3.84W, h10km, ML2.1, ML3.3(NAO), Confirmed Earthquake

NAO 06 09:59:12.6, 9.9, 71.62N, 1.74W, ML3.3

ISC 06 09:59:06.0, 6.8, 71.72N, 0.09, 4.11W, 0.08, h12km, n35, e282/38, mb3.5/5, MS3.3/4, Jan Mayen Island region

Main table of seismic events with columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC. Lists various stations like Daneborg, Danmarks Havn, Spitsbergen Ar, etc.

IDC 06 09:59:55.3, 3.1, 21.63S, 178.86W, h583km, 26km, mb3.1/9, mb1 3.3/10, mb1mx3.1/40, mbtmp4.1/10, Error ellipse: s-maj=56.7km s-min=17.5km az=145.0

ISC 06 09:59:57.9, 1.4, 21.3S, 0.3, 179.1W, 0.2, h602km, n14, e080/14, mb3.6/9, Fiji Islands region

Table of seismic events for the Fiji Islands region, including stations like Nonsavu, Alice Springs, Warrungarra Arr, etc.

IDC 06 10:08:41.2, 28.0, 43.81N, 149.26E, h104km, 49km, mb3.3/2, mb1 3.3/5, mb1mx3.0/48, mbtmp3.7/5, Error ellipse: s-maj=532.9km s-min=30.8km az=152.0

MOS 06 10:08:44.1, 0.9, 44.82N, 148.91E, h100km, mb4.2/1, Error ellipse: s-maj=35.8km s-min=15.9km az=162.6

SKHL 06 10:08:49.1, 0.9, 44.73N, 148.59E, h76km, 4km, mb4.9/3

JMA 06 10:08:50.2, 0.6, 44.47N, 148.47E, h87km, M4.0

ISC 06 10:08:46.2, 1.6, 44.69N, 0.10, 148.7E, 0.1, h84km, 11km, n27, e1970/41, 1C, Kuril Islands

Table of seismic events for the Kuril Islands region, including stations like Kuril'sk, Taravao, Honiara, etc.

2015 JAN

Table of seismic events for 2015 JAN, including stations like Kuril'sk, Tuman, Misakicho, etc.

IDC 06 10:09:56.9, 0.6, 23.86S, 176.05W, h0km, mb4.7/17, mb1 4.8/19, mb1mx4.6/33, mbtmp4.6/18, ML3.3/2, MS3.7/17, M1 3.8/17, ms1mx3.7/31, Error ellipse: s-maj=19.6km s-min=15.9km az=120.0

NEIC 06 10:02:10.2, 1.9, 23.9S, 0.1, 176.2W, 0.2, h35km, 2km, mb4.9/41, Error ellipse: s-maj=25.8km s-min=16.6km az=115.0

ISC 06 10:00:00.9, 4.2, 24.02S, 0.06, 175.83W, 0.08, h31km, n29, e1996/114, mb4.9/41, MS3.9/15, 1C-D, South of Tonga Islands

Main table of seismic events for 2015 JAN, including stations like Raoul Island, Nonsavu, Raoul Island, etc.

Table of seismic events for 2015 JAN, including stations like Charters Tower, Port Moresby, Stephens Creek, etc.

Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
BDW06	Boulder Array	53.22 293	P	Iamb	13 45 40.3	-0.8
BDW06					13 45 45.2	
PDAR	Pinedale Array	53.22 293	P	P	13 45 41.9	+0.8
PDAR						
PV13	Radium Mtn.	56.84 290	P	Iamb	13 46 05.1	-2.2
PV13					13 46 12.1	
CMAR	Chiang Mai Arr	84.08 59	P	Iamb	13 48 54.8	+1.3
CMAR						
<p>IDC 06 14:07:40.4:10.0,53°54N:158°99E,h0km,Error ellipse: s-maj=77.9km s-min=19.6km az=61.0,Near east coast of Kamchatka Peninsula</p>						
Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
I44RU	PETROPAVLOVSK-0.88 241		P	Pg	14 13 00.0	
I44RU						
PETK	Petrovlovsk-	0.89 241	Pg	Pg	14 07 57.4	0.0
PETK						
I45RU	USSURIYSK INFR	19.97 253	P	P	16 15 40.0	
I45RU						
I53US	FAIRBANKS INFR	28.55 46	i	P	17 05 50.0	
I53US						
I10CA	LAC DU BONNET	58.96 46	i	P	20 10 50.0	
I10CA						
<p>IDC 06 14:18:32.2:4.6,12°56'N:125°16'E,h0km,mb3.3/3, mb1 3.6/3, mb1mx3.3/4.1, mbtmp3.3/3, MS3.1/2, Ms1 3.1/2, ms=273.3,slow=345,SNR=1.5, Error ellipse: s-maj=375.2km s-min=30.3km az=64.0,</p> <p>MAN 06 14:18:33.3,12°26'N:123°85'E,h6km,MS3.8</p> <p>MAN INTENSITY II - MASBATE CITY,</p> <p>ISC 06 14:18:34.5:1.8,12°26'N:103°123'90E:0'05,h11km,13km, n19,r156/27,mb3.4/3,1C-1D,Luzon</p>						
Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
CNP	Cataman	0.78 71	eP	Pb	14 18 50.0	-0.1
CNP						
PVCP	Virac	1.35 10	eP	Pn	14 18 57.2	-2.1
PVCP						
OCLP	Ormoc	1.39 150	eP	Pg	14 18 58.6	-1.2
OCLP						
SCSP	San Jose Seism	1.44 345	eP	Pn	14 18 59.1	-1.4
SCSP						
OTRP	Odiangan	1.84 273	eP	Pg	14 19 22.4	+1.6
OTRP						
LLP	Lapu-Lapu	1.93 178	eP	Pn	14 19 06.4	-0.9
LLP						
GUIM	Jordan	2.07 219	eP	Pn	14 19 07.9	-1.4
GUIM						
MSLP	Maasin	2.31 156	eP	Pn	14 19 12.0	-0.5
MSLP						
JCNP	Jose Panganiba	2.33 300	eP	Pn	14 19 10.1	-2.8
JCNP						
BOAC	Boac	2.34 331	eP	Pn	14 19 10.7	-2.1
BOAC						
BNOP	Candonga	2.72 207	eP	Pn	14 19 39.4	-2.1
BNOP						
SJMP	San Jose	2.73 274	eP	Pn	14 19 51.0	0.0
SJMP						
LOP	Lukban	2.95 309	eP	Pn	14 19 21.2	-0.2
LOP						
SMPP	San Manuel, Pa	4.97 321	eP	Pn	14 19 58.0	+1.0
SMPP						
KWRS	Korea Array	25.34 7	LR	LR	14 33 39.1	
KWRS						
WRA	Warramunga Arr	33.61 162	P	P	14 25 13.5	-1.6
WRA						
ASAR	Alice Springs	37.02 165	P	P	14 25 44.0	-0.5
ASAR						
MKAR	Makanchi Array	49.05 323	P	P	14 27 24.9	+3.3
MKAR						
NRK	Noril'sk	61.53 346	LR	LR	14 55 59.8	
NRK						
<p>IDC 06 14:32:37.8:6.5,12°97'N:142°76'E,h132km,90km,mb3.0/3, mb1 3.2/4, mb1mx3.0/4.8, mbtmp3.4/4, Error ellipse: s-maj=99.3km s-min=27.8km az=85.0, South of Mariana Islands</p>						
Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
GUMO	Guam	2.15 73	P	Pn	14 33 15.5	+1.9
GUMO						
GUMO					14 33 41.1	0.0
WRA	Warramunga Arr	33.74 194	P	P	14 39 06.2	-0.7
WRA						
ASAR	Alice Springs	37.43 193	P	P	14 39 38.6	+0.2
ASAR						
MKAR	Makanchi Array	60.52 317	P	P	14 42 34.0	-0.1
MKAR						
<p>IDC 06 14:38:47.1:1.7,30°44'S:177°84'W,h0km,mb4.1/4, mb1 4.2/5, mb1mx3.9/19 mbtmp4.1/5, ML3.2/1, MS3.2/3, Ms1 3.2/3, ms1mx2.9/19, Error ellipse: s-maj=45.0km s-min=18.0km az=112.0,</p> <p>NEIC 06 14:38:55.3:0.3,30°1'S:0°1'x:178°0'W:0.2,h58km,5km, mb4.5/9, Error ellipse: s-maj=31.5km s-min=16.7km az=77.0,</p> <p>ISC 06 14:38:53.6:1.1,30°40'S:0°08'178°0'W:0.2,h46km,n23,r149/23,mb4.4/9,Kermadec Islands</p>						
Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
RAO	Raoul Island	1.15 2	Pn	Pn	14 39 11.2	-2.0
RAO						
RAO					14 39 27.0	-0.8
RAO						
URZ	Raoul Island	1.15 2	Pn	Pn	14 39 11.9	-1.3
URZ						
URZ	Urewera	8.83 206	Pn	Pn	14 40 56.2	-2.4
URZ						
BKZ	Black Stump Fm	9.86 206	Pn	Pn	14 41 10.3	-2.4
BKZ						
MSVF	Nonsavu	13.13 343	LR	LR	14 45 43.8	
MSVF						
LTZ	Late Taylor	14.62 297	LR	LR	14 45 15.3	-2.2
LTZ						
DZM	Mont Dzum	16.26 297	LR	LR	14 47 33.2	
DZM						
CTAO	Charters Tower	33.84 279	P	P	14 45 32.7	+1.0
CTAO						
STKA	Stephens Creek	34.52 257	P	P	14 45 38.8	+1.0
STKA						
STKA					14 57 16.0	
BBOO	Buckleboo	39.01 254	P	P	14 46 16.7	+1.0
BBOO						
BBOO					14 46 24.5	
AS31	Alice Springs	43.15 267	P	P	14 46 51.2	+1.3
AS31						
ASAR	Alice Springs	43.15 267	P	P	14 46 50.2	+0.4
ASAR						
WR0	Warramunga Arr	43.95 272	P	P	14 46 56.7	+0.3
WR0						
WR0					14 47 25.4	
WR0						
WR0					14 46 57.9	+0.1
WR0						
WR0					14 47 19.3	
WR0						
WR0					14 46 57.6	-0.2
WR0						
WR0					14 47 05.4	
WR0						
WR0					14 46 57.9	+0.1
WR0						
WR0					14 46 58.1	+0.1
WR0						
WR0					14 47 15.9	
QSPA	South Pole Qui	59.71 180	P	P	14 48 55.8	+2.5
QSPA						
JAGI	Jajag, Banyuw	66.71 274	P	P	14 49 03.0	+0.6
JAGI						
PETK	Petrovlovsk	85.83 346	P	P	14 51 30.3	+2.6
PETK						
FINES	FINES Array B	145.16 340	PKPbc	PKPbc	14 58 24.4	-0.9
FINES						
NOA	NORSAR Array B	148.76 351	PKPbc	PKPbc	14 58 35.0	-0.2
NOA						
AKASG	Malin Array Be	151.33 323	PKPbc	PKPbc	14 58 41.2	-1.0
AKASG						
<p>ISU 06 15:37:40.8:0.1,41°76'N:70°63'E,h10km,Hypocentre not reviewed by the ISC</p> <p>KRNET 06 15:37:40.8:0.1,41°76'N:70°73'E,h13km,mb3.3</p>						

Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
NNC 06	15:37:41.8:0.8,41°81'N:70°72'E,h0km,mb3.8,mpv3.7, Error ellipse: s-maj=6.3km s-min=3.0km az=18.0					
SOME 06	15:37:41.1,41°75'N:70°75'E,h10km					
ISC 06	15:37:39.1:1.2,41°78'N:02°70'5E:0.02,h4km,10km, n61,r157/94,34C-11D,Kyrgyzstan					
Code	Station Name	Δ° AZ°	Phase	IDC	Time Res	ISC
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
TRKS	Terek-Say	0.39 130	P	Pb	15 37 49.3	+0.6
TRKS						
TRKS					15 37 55.6	+0.5
CHMG	Chimgan	0.60 247	eP	Pb	15 37 51.0	
CHMG						
IUG	luzhnyay	0.65 305	eP	Pb	15 37 53.0	-0.1
IUG						
IUG					15 38 02.0	-0.5
IUG						
IUG					15 37 53.0	-0.1
IUG						
IUG					15 38 02.0	-0.5
CHM	Chimkent	1.01 303	eP	Pn	15 38 00.5	+0.4
CHM						
CHM					15 38 13.9	-0.8
TAS	Tashkent	1.18 248	↑P	Pn	15 38 02.2	-0.2
TAS						
TAS					15 38 18.9	-0.1
DZA	Taraz	1.19 21	eP	Pn	15 38 05.1	+2.4
DZA						
DZA					15 38 22.5	+3.2
DZA						
DZA					15 38 05.1	+2.4
DZA						
DZA					15 38 22.5	+3.2
KK31	Karatay Array	1.33 353	↑P	Pg	15 38 06.1	+1.4
KK31						
KK31					15 38 23.8	+1.1
BRLS	Boroday	1.42 332	eP	Pg	15 38 05.9	-0.4
BRLS						
BRLS					15 38 24.5	-0.1
BRLS						
BRLS					15 38 24.5	-0.1
BNAS	Manas	1.49 61	↑P	Pg	15 38 08.7	+1.1
BNAS						
BNAS					15 38 29.4	+2.5
BTK	Batken	1.72 178	↑P	Pg	15 38 12.3	+0.2
BTK						
BTK					15 38 35.6	+1.1
BTK						
BTK					15 38 18.0	
BTK					15 38 45.0	
ARSB	Arslanbob	1.74 105	↑P	Pg	15 38 13.1	+0.6
ARSB						
ARSB					15 38 36.8	+1.8
ARSB						
ARSB					15 38 13.1	+0.6

ISC 06 15:57:05.9.0.7, 2.12N:0.09:128.5E:0.1, h250km, n30, c081/30, mb4.1/13, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TMTI Ternate, SIJI Sorong, FAKI Fak Fak, LUWU Luwu, etc.

IDC 06 16:19:37.5.2.4, 6.74S:129.42E, h0km, mb3.3/1, mb1 3.6/3, mb1mx3.3/3, mbtmsp3.4/3, ML3.5/2, Error ellipse: s-maj=127.8km s-min=33.6km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, MKR Makanchi Array, etc.

GCMT 06 16:22:49.0.4, 35.51S:006.1502W:0.037, h17km, 1km, MW4.9/75, Moment Tensor Solution. s07c, c17; s75, c87; Duration: 0 Moment Tensor: Scale 1016Nm; Mrr-2.20e+21; Mtheta0.45e+12; Mphi1.75e+13; Mm-1.69e+51; Mtheta0.08e+08; Mphi-0.27e+29; Best double couple: M12.427000*1016 N1P1ps.170.000000, delta.000000, lambda-128.000000. NP2ps.36.000000, delta.000000, lambda-62.000000. Principal axes: T 1.8230, P1g10.0000, Azm1.06.0000, P1g1.2100, P1g24.0000, Azm2.01.0000, P 3.0310, P1g64.0000, Azm354.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Tristan da Cunha region

KLM 06 16:34:32, 6.55S:129.94E, h122km, mb4.8

IDC 06 16:34:33.2, 1.7, 6.64S:129.72E, h152km, 1.7km, mb4.0/20, mb1 4.1/25, mb1mx4.0/42, mbtmsp4.5/25, Error ellipse: s-maj=15.3km s-min=9.9km az=70.0

DJA 06 16:34:34.6, 0.2, 7.5, 2.130E, h155km, 3km, M4.8/44, mb4.9/44, mb5.2/17, ML5.5/13, Mb(mb)4.6/17, MwMwp6.7/1, Mw6.5/1

NEIC 06 16:34:34.6, 1.4, 6.60S:0.07:129.83E:0.07, h168km, 7km, mb4.6/50, Error ellipse: s-maj=10.9km s-min=9.5km az=66.0

NOU 06 16:34:45, 1.7, 52.5S:129.99E, h186km, mb4.9, Banda Sea

ISC 06 16:34:34.3, 0.3, 6.73S:0.04:129.81E:0.05, h168km, n194, c153/197, mb4.6/59, 1D, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SAUI Saumlaki, BNDI Bandanaira, SOEI Soe, etc.

Table with columns: WSI Waingapu, BNSI Bone, APSI Ampama, SPSI Sidrap, TTSI Tana Toraja, MRSI Marisa, GENI Gemy, JAY Jayapura, FITZ Fitzroy Crossi, etc. Lists various stations and their coordinates.

Table with columns: PBKT Sadao Pong, UTTA Uttarakid, SSKH Sukhothai, CM09 Chiang Mai Arr, CM01 Chiang Mai Arr, CM02 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc. Lists various stations and their coordinates.

6d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAYN, PDAR, TORD, DBIC, CPUP.

NEIC 06 16:34:44.7z.9.33:62N:0:02:48:99E:0:05:h10kmz1km, mb4.2/22_mb_Lg4.1(TEH). Error ellipse: s-maj=7.1km s-min=3.3km az=70.0

TEH 06 16:34:44.2z.33:72N:48:80E:h7km,ML2.2 ISN 06 16:34:44.0z.1.4.33:77N:48:80E:h0kmz147km,ML3.7

IDC 06 16:34:45.3z.0.9.33:76N:48:89E:h0km,mb3.9/18, mb1.4/0.20,mb1mx3.8/4.2,mbtmp3.9/20,ML2.7/2,MS3.1/5, Ms1.3/1.5,ms1mx2.8/50,Error ellipse: s-maj=22.0km s-min=15.3km az=162.0

DSN 06 16:34:48.1z.1.6.33:48N:49:21E:h10km,mb5.8/1, Error ellipse: s-maj=41.2km s-min=12.4km az=39.0

OMAN 06 16:34:49.2z.9.33:01N:48:76E:h10km,mb5.4/21, ms3.0/3, Error ellipse: s-maj=65.8km s-min=28.2km az=38.0

ISC 06 16:34:45.2z.0.33:51N:0:03:48:81E:0:03,h13km,n161, r1919/183,mb4.2/31,8C-2D,Western Iran

Main station list table for the 6d 17h section, listing various stations and their parameters.

2015 JAN

Main station list table for the 2015 JAN section, listing various stations and their parameters.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RER, LBTB, KSRB, USA0B, USURK, EUNU, BOS, ILAR.

IDC 06 17:32:35.3z.3.6.3:17S:98:30E,h0km,mb3.4/4,mb1 3.5/4, mb1mx3.2/4.7,mbtmp3.4/4,MS3.4/1,Ms1 3.4/1, ms1mx2.5/28, Error ellipse: s-maj=148.8km s-min=30.1km az=69.0, Southwest of Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMAR, H08S2, H08S3, H08S1, ASAR, MKAR, MJAR, ZALV.

IDC 06 17:40:30.4z.1.2.32:90N:89:06E,h0km,mb3.6/4, mb1 3.5/8,mb1mx3.3/5.4,mbtmp3.3/8,ML2.9/3,MS2.6/1, ms1 2.9/1.1,ms1mx2.4/5.5, Error ellipse: s-maj=45.1km s-min=21.3km az=65.0

ISC 06 17:40:35.7z.0.8.33:12N:0:08:49E:0:1,h35km,n18, r1514/18,mb3.7/4,Xizang

Main station list table for the 284 section, listing various stations and their parameters.

NIC 06 17:44:59.1z.1.5.37:66N:71:58E,h162kmz33km,mb3.1, mpv3.9, Error ellipse: s-maj=16.0km s-min=7.8km az=22.0

ISC 06 17:44:51.0z.1.3.37:18N:0:09:71E:0:1,h150km,n23, r202/25,6C,Afghanistan-Tajikistan border region

Main station list table for the 284 section, listing various stations and their parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI, GSI, TSI, BKN, KCSI, TPTI, PDSI, MSLI, CWR, ASAR, MKAR, ZALV.

MOS 06 17:55:49.0:1.2,54:85N:111:73E,h4km,mb3.6/1, Error ellipse: s-maj=14.9km s-min=10.4km az=65.8
BYKL 06 17:55:50.2:0.1,54:89N:111:74E,h5km,3km
IDC 06 17:55:51.8:1.6,54:82N:111:60E,h0km,mb3.1/3, mb1 3.4/6,mb1mx3.2/5.1,mbtmp3.4/6,ML3.1/3, Error ellipse: s-maj=29.9km s-min=22.1km az=153.0

Main table for 2015 JAN, left column. Contains station data for codes like ULY, YLY, KMO, UKT, YOA, NIZ, SVKR, SYVR, MXMB, NLYR, OGRR, CIT, ZRHB, TRG.

Main table for 2015 JAN, middle column. Contains station data for codes like TRG, STDB, HRMR, BGT, LSTR, IRK, KPC, IVK, YKLR, ARS, ZAK, ORL, SONM, KLR, ZALV, MKAR, KURK, YKA, IDC, NEIC, AEIC, ISC.

Main table for 2015 JAN, right column. Contains station data for codes like KOKL, GSTR, ADAG, ADK, KIKV, KIMD, KJCM, TAFP, NIKH, AMKA, UNV, CNBA, CHGN, OHAK, ANM, NKD, KDIA, KDKA, SVWZ, RSO, TTA, CNPM, BRKL, SUA, SEW, PPLA, GHO, PEAO, PETK, KNK, KTH, TRF, SML, HIN, SCM, RND, BWN, DHY, M24K, I23K, WRH, CCB, MDM, N25K, HDA, IL31, ILAR, CROM, TGL, GOLD, ISLE, DOT, CTGM, PCA, EGAK, EPYK, DIB, INK, USRK, H11S1, H11S2, H11S3, NVAR, PDAR, ULM, SONM, GUMO, HHC, ARCES, KURBB, WMO, MKAR, BVAR, FINES, AAK, AAK, CMAR, TAPN, GUN, PKI, PKN, GKN, DANN, PYUN, AKASG, GERES, ASAR, BOSA.

WEL 06 18:04:35.3,43°S,117°17'E, h5km,2km,M2.4/12, mb5.8/1,ML2.4/11,MLV2.4/12,Mw(mb)5.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=108.2, South Island

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

NEIC 06 18:10:40.2,2.2,19.24N,0.07,96.26W,0.06,h33km,10km, mb4.1/22,Md4.4/36(MEX), Error ellipse: s-maj=9.9km s-min=7.8km az=179.0

MEX 06 18:10:41.1,±0.5,19.28N,96.26W,h17km,25km,Md4.4 ISC 06 18:10:36.7,±0.0,19.24N,0.05,96.30W,0.05,h5km,15km, n54, r1944/63, Veracruz

Main table for WEL, NEIC, and MEX stations with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res h m s ISC

NNC 06 18:22:31.9,4.2,36.75N,70.61E,h150km,93km,mb2.9, mpv3.7, Error ellipse: s-maj=42.3km s-min=27.4km az=32.0

ISC 06 18:22:33.1,±3.5,36.8N,0.2,70.8E,0.2,h200km,n9, r0560/11,3C-3D,Hindu Kush region

Table for NNC and ISC stations with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res h m s ISC

SOME 06 19:42:16.7,41.28N,75.33E,h5km NNC 06 19:42:16.9,0.8,41.22N,75.36E,h0km,mb3.6,mpv3.4, Error ellipse: s-maj=5.7km s-min=3.6km az=174.0

KRNET 06 19:42:16.6,0.1,41.20N,75.34E,h20km,mb2.6

KNET 06 19:42:17.9,1.2,41.34N,75.26E,h0km,ml2.1, Error ellipse: s-maj=7.3km s-min=4.2km az=172.0

ISC 06 19:42:17.6,±1.5,41.23N,0.03,75.28E,0.02,h3km,12km, n79, r1935/130,38C-3D,Kyrgyzstan

Main table for KNET and ISC stations with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res h m s ISC

Main table for KOTS stations with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res h m s ISC

BYKL 06 20:01:27.1,±0.1,56.07N,113.67E,1C-5D,East of Lake Baykal

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Eielson Array, Kurchatov, NIK, AAK, NRK, etc.

DDA 06 21:08:07.4, 39.310N, 27.02E, h7km, 4km, ML2.1
ISK 06 21:08:07.8, 39.310N, 27.05E, h5km, ML2.6/15
ISC 06 21:08:07.8, 39.322N, 02.27.05E, 0.03, h12km, 7km, n21, 0.843/31, Turkey

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

DDA 06 21:08:07.4, 39.310N, 27.02E, h7km, 4km, ML2.1
ISK 06 21:08:07.8, 39.310N, 27.05E, h5km, ML2.6/15
ISC 06 21:08:07.8, 39.322N, 02.27.05E, 0.03, h12km, 7km, n21, 0.843/31, Turkey

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

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

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

DDA 06 21:04:34.6, 1.4, 101.39S, 120.57E, h0km, mb.0/6, mb.1.0/9, mb.1mx3.8/43, mbtm3.9/9, ML3.8/3, MS3.0/1, Ms1.3.0/1, ms1mx2.4/32, Error ellipse: s-maj=70.0km s-min=21.6km az=56.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Mt. Pleasant, Jarrell, Clayton, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Sooner Cattle, Grant County #, Flagson Creek P, etc.

ISC 06 21:20:43.5:1.2,33.73N:48.84E,h0km,130km,ML3.2
TEH 06 21:20:44.6:33.73N:48.83E,h8km,ML3.5
ISC 06 21:20:45.8:0.8,33.73N:0.04:48.87E:0.02,h13km,n45,
c182/49,Western Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAMAR-syiah, KAFAR-mosalman, KHOMEYNI, etc.

ISC 06 21:24:25.1:9.9:96S:121.19E,h0km,mb3.9/4,
mb1 3.8/6,mb1mx3.5/39,mbtmp3.7/6,ML3.4/2,Error
ellipse: s-maj=209.4km s-min=21.7km az=54.0

ISC 06 21:24:27.3:1.4,9.95S:121.7E:0.5,h35km,n6,c3946/8,
mb3.8/4,Savu Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WARRAMUNGA Arr, ALICE SPRINGS, etc.

ANF 06 21:55:18.4:0.6,32.81N:100.90W,h0km,4km,ML4.6/12,
Error ellipse: s-maj=3.2km s-min=2.0km az=39.0
NEIC 06 21:55:19.1:1.3,32.87N:0.05:100.87W:0.03,h4km,7km,
mb_Lg3.5/9,Error ellipse: s-maj=7.8km s-min=3.7km
az=187.0

ISC 06 21:55:19.6:1.4,32.88N:0.05:100.81W:0.03,h5km,12km,
n80,c1936/64,Western Texas

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WICHITA MOUNTA, WASHETTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PARADOX VALLEY, MADDIES STATIO, etc.

ISC 06 22:09:11.9:0.5,55.22N:163.11E,h0km,mb4.6/40,
mb1 4.8/44,mb1mx4.7/57,mbtmp4.6/44,ML4.6/3,MS5.3/42,
Ms1 5.3/42,ms1mx5.2/56,Error ellipse: s-maj=13.4km
s-min=9.7km az=162.0
KRSCP 06 22:09:12.9:1.1,55.11N:163.58E,h57km,24km,ML5.2
BUJ 06 22:09:12.4:0.0,55.59N:162.61E,h11km,mb5.5/60,
mb4.7/53,MS6.3/78,Ms7.6/170
NEIC 06 22:09:13.2:1.1,55.21N:0.07:163.2E:0.1,h10km,1km,
mb5.4/212,Ms 20.5/694,Mwb5.6/78,Mwv5.5(GCMT),
Error ellipse: s-maj=12.5km s-min=10.3km az=159.0
NEIC 06 22:09:13.3:55.21N:163.25E,h10km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr:2.29;
Mw:1.89; Mw:0.41; Mw:0.63; Mw:1.29; Mw:1.94; Fault
plane solution: Ms:3.21000x10^17 NP1:261.80000,
delta3.39000,lambda.130.74000. NP2:35.91000, delta.36000,
lambda.72000. Principal axes: T 3.3051, Plg2.0000,
AzM289.0000; N 0.1938, Plg21.0000, AzM46.0000; P
1.113, Plg17.0000, AzM143.0000;
MOS 06 22:09:16.3:1.2,55.18N:163.20E,h50km,mb5.2/46,
MS5.5/83 Error ellipse: s-maj=4.6km s-min=3.2km
az=86.7
NEIC 06 22:09:17.55:13N:164.00E,h13km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr:1.58;
Mw:0.41; Mw:1.16; Mw:0.61; Mw:0.89; Mw:1.23; Fault
plane solution: Ms:2.16000x10^17 NP1:261.80000,
delta.36000,lambda.100.00000. NP2:29.00000, delta.6500000,
lambda.00000. Principal axes: T 2.0784, Plg7.0000,
AzM289.0000; N 0.1600, Plg4.0000, AzM31.0000; P
2.236, Plg21.0000, AzM112.0000;
GCMT 06 22:09:17.2:0.1,55.15N:163.96E:0.01,h12km,
MW5.5/155,Moment Tensor Solution. s132.c250;
s155.c303; Duration: 1s3 Moment tensor: Scale 10^17
Nm; Mr:1.58E:02; Mw:0.50E:02; Mw:1.08E:02;
Mw:0.54E:05; Mw:0.86E:01; Mw:0.89E:05; Best double
couple: Ms:1.94200x10^17 NP1:261.80000, delta.3200000,
lambda.95.00000. NP2:35.30000, delta.61.00000, lambda.87.00000.
Principal axes: T 1.8850, Plg74.0000, AzM296.0000; N
0.1180, Plg2.0000, AzM34.0000; P -1.9990, Plg16.0000,
AzM125.0000; nstaf1 refers to body waves, cutoff=40s.
nstaf2 refers to surface waves, cutoff=50s. Triangular
intermediate-rate function
BGR 06 22:09:20.1:0.0,56.01N:164.02E,h33km,mb5.4,Ms5.7
ISC 06 22:09:16.0:6.0,3.55:17N:0.03:163.39E:0.03,h33km,2km,
n1440,c171/1253,mb5.2/321,MS5.5/467,40C-24D,Off
east coast of Kamchatka Peninsula

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

6d 22h

SOMM	comp=Z,2.8nm,1.1s,baz=49,slow=4.5,SNR=4.8	ScP	ScP	22 22 27.2	+7.3
SOMM	comp=Z,3um,20.0s,baz=66,slow=39	LR	LR	22 31 51.1	
NR1K	comp=Z,2.0nm,0.6s,baz=57,slow=4.4,SNR=5.2	P	P	22 16 08.2	+0.4
NR1K	comp=Z,7um,20.6s,baz=74,slow=38	LR	LR	22 31 13.9	
NR1K	comp=Z,11nm,1.5s	pmax	pmax	22 16 07.2	-0.6
NR1K	comp=Z,31nm,2.5s	IAMS_20	IAMS_20	22 16 07.8	0.0
H11N2	WAKE ISLAND Hy 35.48 174	T	T	22 55 16.2	
H11N3	WAKE ISLAND Hy 35.49 174	T	T	22 55 17.8	
H11N1	WAKE ISLAND Hy 35.50 174	T	T	22 55 17.5	
ZAK	Zakamensk 35.68 288	eP	P	22 16 08.9	-2.1
MOY	comp=Z,5.0nm,1.1s	eP	P	22 16 13.5	-2.4
HHC	comp=Z,31nm,2.5s	eP	pP	22 16 18.9	-0.1
HHC	comp=Z,22um,12.6s	pP	S	22 16 27.0	-1.7
HHC	comp=Z,7.0nm,1.0s	pmax	pmax	22 21 55.9	-3.3
HHC	comp=Z,750nm,7.1s	LR	LR		
HHC	comp=Z,28um,13.9s	LR	LR		
HHC	comp=Z,23um,13.5s	LR	LR		
BJT	Minamidaito 2 37.58 232	IAMS_20	IAMS_20	22 31 09.2	
TIV	Baotou 37.66 270	eP	P	22 16 24.6	-3.3
TIV	Taiyuan 38.23 264	S	S	22 16 33.7	+1.0
TIV	comp=Z,390nm,9.9s	LR	LR		
TIV	comp=Z,32um,14.6s	LR	LR		
TIV	comp=Z,15um,14.3s	LR	LR		
TIV	comp=Z,10um,14.8s	LR	LR		
SSE	Sheshan 38.23 249	P	S	22 16 34.5	+1.9
SSE	comp=Z,20nm,0.7s	pmax	pmax	22 22 19.9	-3.7
SSE	comp=Z,560nm,10.8s	LR	LR		
SSE	comp=Z,1um,14.8s	LR	LR		
SSE	comp=Z,4um,16.0s	LR	LR		
SSE	Sheshan 38.23 249	IAMS_20	IAMS_20	22 32 22.5	
NJ2	Nanjing 38.75 252	eP	P	22 16 36.0	-1.0
NJ2	comp=Z,13nm,0.5s	LR	LR		
NJ2	comp=Z,16um,14.3s	LR	LR		
NJ2	comp=Z,13um,13.1s	LR	LR		
NJ2	comp=Z,22um,14.3s	LR	LR		
BBB	Bella Bella 39.21 65	LR	LR	22 32 52.7	
EUNU	Eureka 39.45 15	IAMB	IAMB	22 16 43.4	+0.9
EUNU	comp=Z,131nm,1.6s	IAMS_20	IAMS_20	22 35 39.7	
YKA	Yellowknife Ar 40.32 45	P	P	22 16 51.0	+1.3
YKA	Alert 40.32 45	IAMS_20	IAMS_20	22 36 24.5	
RES	Resolute Bay 40.66 24	LR	LR	22 36 28.1	
RES	Resolute Bay 40.66 24	pmax	pmax	22 16 53.2	+0.9
RES	comp=Z,26nm,1.0s	MLR	MLR		
RES	comp=Z,4um,18.0s	P	P	22 16 53.2	+0.9
WHN	Wuhan 42.38 255	P	S	22 17 07.4	+0.4
WHN	comp=Z,18um,14.5s	LR	LR		
WHN	comp=Z,43um,14.7s	LR	LR		
WHN	comp=Z,23um,13.6s	LR	LR		
YOJ	Yonaguni jima 42.65 241	IAMS_20	IAMS_20	22 34 52.7	
XAN	Xi'an 42.84 264	P	P	22 17 08.3	-2.5
XAN	comp=Z,26um,14.7s	LR	LR		
XAN	comp=Z,31um,14.7s	LR	LR		
XAN	comp=Z,19um,15.7s	IAMS_20	IAMS_20	22 37 38.3	
TATO	Taipei 42.99 243	IAMS_20	IAMS_20	22 37 40.8	
ZAAO	Zalesovo Array 43.29 302	P	P	22 17 13.6	-0.5
ZALV	Zalesovo Beam 43.29 302	P	P	22 17 12.5	-1.6
ZALV	comp=Z,1.1nm,0.4s,baz=64,slow=7.4,SNR=10	PP	PP	22 18 56.7	+1.9
ZALV	comp=Z,4.3nm,0.9s,baz=32,slow=8.5,SNR=6.3	LR	LR	22 36 29.2	
NACB	Ninganchiao 43.60 242	IAMS_20	IAMS_20	22 35 38.0	
NLWA	Neilton Lookou 44.23 68	P	P	22 17 23.3	+1.6
NLWA	comp=Z,129nm,1.9s	IAMS_20	IAMS_20	22 38 33.1	
SSLB	Suanglung 44.24 242	P	P	22 17 22.1	0.0
LZH	Lanzhou 44.29 270	eS	S	22 17 18.5	-4.0
LZH	comp=Z,83nm,1.5s	eS	S	22 23 56.8	+3.1
LZH	comp=Z,110nm,1.0s	pmax	pmax	22 24 03.6	-5.6
LZH	comp=Z,420nm,4.6s	LR	LR		
LZH	comp=Z,28um,13.8s	LR	LR		
LZH	comp=Z,16um,13.8s	LR	LR		
GTA	Gaotai 44.30 277	eP	P	22 17 20.2	-2.3
GTA	comp=Z,20um,14.9s	pP	S	22 17 24.8	-7.5
GTA	comp=Z,560nm,10.0s	pmax	pmax	22 17 28.1	-8.8
GTA	comp=Z,22um,14.3s	LR	LR		

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GTA	comp=Z,24um,15.1s	LR	LR			
YULB	comp=Z,40um,15.1s	44.40 242	P	P	22 17 23.0	-0.3
TULEG	Thule 44.45 15	P	P	22 17 24.8	+1.8	
DGZ	Jazzartor, Alta 44.50 296	/P	/P	22 17 23.1	-0.9	
OZH	comp=Z,35nm,1.3s	pmax	pmax			
OZH	Quanzhou 44.51 246	P	P	22 17 24.3	+0.1	
OZH	comp=Z,930nm,9.5s	LR	LR			
OZH	comp=Z,6um,14.2s	LR	LR			
OZH	comp=Z,4um,13.4s	LR	LR			
D03D	comp=Z,8um,14.5s	P	P	22 17 24.6	+0.3	
B05A	Eldon 44.55 68	P	P	22 17 26.3	+1.5	
B06A	Bryant 44.62 66	P	P	22 17 27.4	+1.3	
B06A	Marblemount 44.79 66	P	IAMB	22 18 07.0		
TPUB	comp=Z,96nm,1.6s	IAMS_20	IAMS_20	22 36 18.1		
E03A	Lakebay 44.81 242	IAMS_20	IAMS_20	22 32 18.1		
E03A	Lebam 44.92 69	P	P	22 17 28.9	+1.7	
D04E	comp=Z,65nm,1.1s	P	P	22 17 29.1	+1.7	
TWG	Pinlang 44.99 241	IAMS_20	IAMS_20	22 37 26.8		
KBS	Kingsbay 45.08 353	IAMS_20	IAMS_20	22 35 37.6		
ENH	Enshi 45.31 259	P	IAMB	22 17 28.8	-1.7	
D05A	comp=Z,96nm,2.0s	IAMB	IAMB	22 19 12.2		
D05A	Enumclaw 45.35 68	P	IAMB	22 18 28.9		
SPA0	comp=Z,32um,2.0s	P	P	22 17 31.1	+0.5	
E04D	Cinebar 45.44 69	P	P	22 17 32.9	+1.6	
I02D	Swisshome 46.33 72	P	P	22 17 37.9	-0.4	
F05D	White Salmon 46.46 69	P	P	22 17 40.3	+0.8	
H04D	Lebanon 46.66 71	P	P	22 17 43.0	+2.0	
I03D	Drain, OR 46.72 72	P	P	22 17 44.4	+1.8	
KEBM	Edson Butte 46.87 74	P	P	22 17 44.5	+1.7	
J01E	Myrtle Point 46.90 73	P	P	22 17 44.7	+1.8	
G05D	Wamic, OR 46.96 69	P	P	22 17 44.8	+1.5	
HAWA	Hanford 47.16 67	P	IAMB	22 17 46.2	+1.3	
HAWA	comp=Z,29nm,1.3s	IAMB	IAMB	22 18 05.3		
NEW	Newport 47.21 64	LR	LR	22 36 10.4		
NEW	Newport 47.21 64	P	P	22 17 46.1	+0.8	
NEW	comp=Z,17nm,1.1s	pmax	pmax			
NEW	Newport 47.21 64	P	P	22 17 46.5	+1.2	
NEW	Newport 47.21 64	P	P	22 17 46.1	+0.8	
ZSN	Zaisan 47.23 295	eP	P	22 17 42.1	-3.4	
ZSN	Zaisan 47.23 295	eP	P	22 17 42.9	-2.6	
I04A	Tendick Farm, baz=311,SNR=6.3	47.31 71	P	P	22 17 47.3	+1.2
K02D	Williamette Mer 47.36 73	P	P	22 17 47.5	+0.9	
SEM	Sempalatinsk 47.68 301	eP	eS	22 17 45.5	-3.6	
SEM	comp=Z,21nm,1.4s,baz=300	eS	S	22 24 37.0	-5.2	
SEM	comp=Z,4um,13.4s,baz=300	LR	LR	22 38 11.1		
SEM	Sempalatinsk 47.68 301	eP	S	22 17 45.5	-3.6	
SEM	comp=Z,21nm,1.4s	pmax	pmax	22 24 37.0	-5.2	
SEM	comp=Z,4um,13.0s	MLR	MLR			
L02E	Cave Junction 47.75 74	P	P	22 17 51.5	+2.0	
J04D	Umpqua Nationa 47.85 72	P	P	22 17 51.7	+1.2	
CD2	Chengdu 48.09 265	P	P	22 17 51.0	-1.3	
CD2	comp=Z,29nm,0.7s	pP	S	22 17 54.7	-7.5	
CD2	comp=Z,1um,8.6s	S	S	22 24 49.1	+1.0	
CD2	comp=Z,24um,19.6s	pmax	pmax	22 24 57.4	-6.4	
CD2	comp=Z,2um,8.6s	pmax	pmax			
CD2	comp=Z,1um,8.6s	LR	LR			
CD2	comp=Z,24um,19.6s	LR	LR			
CD2	comp=Z,25um,17.6s	LR	LR			
WMQ	Urumqi 48.11 290	eP	P	22 17 52.2	-0.1	
WMQ	comp=Z,24um,14.7s	pP	pP	22 18 03.5	+1.2	
WMQ	comp=Z,2um,19.0s	ScP	ScP	22 22 16.0	+5.5	
WMQ	comp=Z,73nm,1.3s	pmax	pmax	22 24 52.5	+4.4	
WMQ	comp=Z,1um,6.9s	pmax	pmax			
WMQ	comp=Z,25um,14.7s	LR	LR			
WMQ	comp=Z,17um,14.7s	LR	LR			
WMQ	comp=Z,26um,16.1s	LR	LR			
WMQ	comp=Z,81nm,1.3s	P	MLR	22 17 51.5	-0.8	
WMQ	Urumqi 48.11 290	P	P	22 17 51.5	-0.8	
WMQ	Urumqi 48.11 290	IAMS_20	IAMS_20	22 38 23.4		
PINE	Pine Mountain 48.29 71	P	IAMB	22 17 54.1	+1.6	
KURK	Kurchatov 48.28 302	eP	pmax	22 18 12.8		
KURK	comp=Z,42nm,1.1s	pmax	pmax	22 17 51.5	-1.9	
KURK	comp=Z,67nm,1.2s	P	P	22 17 51.7	-1.7	
J05D	Fort Rock, OR 48.28 302	P	P	22 17 55.1	+3.3	
DAG	Danmarks Havn 48.32 1	iP	P	22 17 52.0	-1.4	
DAG	comp=Z,12nm,0.9s	pmax	pmax			
DAG	comp=Z,5um,17.0s	MLR	MLR			
DAG	Danmarks Havn 48.32 1	iP	P	22 17 52.0	-1.4	
DAG	comp=Z,5um,17.0s	iP	P	22 17 52.0	-1.4	
DAG	Danmarks Havn 48.32 1	iP	IAMB	22 17 52.0	-1.4	
DAG	comp=Z,12nm,0.9s	IAMS_20	IAMS_20	22 42 53.8		
WALA	Waterton Lakes 48.33 61	P	P	22 17 54.8	+0.8	
JCC	Jacoby Creek 48.42 75	P	IAMB	22 18 10.9		
L04D	Klamath Falls 48.42 73	P	P	22 17 56.7	+1.9	
K04D	Chiloquin, OR 48.45 72	P	P	22 17 56.7	+1.6	
YBH	Yreka Blue Hor 48.53 74	LR	LR	22 36 45.4		
KHMM	Horse Mountain 48.55 75	P	P	22 17 58.0	+2.2	

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KHMM	comp=Z,44nm,1.2s	IAMB	IAMB	22 18 13.9		
M02C	Callahan 48.68 74	P	P	22 17 59.1	+2.3	
GZH	comp=Z,313,SNR=15	48.80 250	P	P	22 17 53.1	-4.7
GZH	comp=Z,7um,17.1s	S	LR	22 24 53.6	-4.5	
GZH	comp=Z,13um,17.3s	LR	LR			
M04C	Macdoel 48.97 73	P	P	22 18 01.4	+2.3	
MK31	comp=Z,33nm,1.3s	49.00 296	iP	pmax	22 17 56.7	-2.4
MK31	Makanchi Array 49.00 296	P	P	22 17 57.1	-2.0	
MKAR	Makanchi Array 49.00 296	P	P	22 17 57.1	-1.9	
MKAR	comp=Z,13nm,1.1s,baz=54,slow=6.2,SNR=47	S	S	22 24 59.2	-1.2	
MKAR	comp=Z,0.9nm,0.9s,baz=49,slow=17,SNR=3.6	LR	LR	22 39 17.9		
MKAR	comp=Z,7um,19.4s,baz=40,slow=37	iP	P	22 17 57.0	-2.1	
JTMT	Jette 49.00 62	P	IAMB	22 18 00.3	+1.1	
JTMT	comp=Z,48nm,1.1s	IAMB	IAMB	22 18 13.8		
JTMT	comp=Z,4um,18.0s	IAMS_20	IAMS_20	22 38 52.0		
N02D	Trinity Center 49.05 74	P	P	22 18 02.1	+2.5	
MAKZ	Makanchi 49.15 296	P	P	22 17 58.3	-2.0	
MAKZ	comp					

APA		iS	S	22 25 44.0	+1.7
APA	comp=Z,9.0nm,1.2s	pmax	pmax		
APA	comp=Z,6.0um,17.0s	MLR	MLR		
SVE	Sverdlovsk	52.08 317	eP	22 18 23.1	+1.0
SVE		eS	S	22 25 43.8	+0.9
SVE	comp=Z,14nm,1.6s	pmax	pmax		
SVE	comp=Z,24um,14.0s	MLR	MLR		
TDK	Taldyqorghan	52.21 297	eP	22 18 20.9	-2.4
TDK	comp=Z,53nm,1.6s,baz=296	eS	S	22 25 40.5	-4.5
TDK	baz=296	LR	LR	22 41 32.6	
TDK	comp=Z,5.0um,13.9s,baz=296	MLR	MLR		
TDK	Taldyqorghan	52.21 297	eP	22 18 20.9	-2.4
TDK	comp=Z,53nm,1.6s,baz=296	eS	S	22 25 40.5	-4.5
TDK	comp=Z,53nm,1.6s	pmax	pmax		
TDK	comp=Z,5.0um,14.0s	MLR	MLR		
CMB	Columbia Colle	52.38 76	P	22 18 26.6	+1.9
CMB	comp=Z,69nm,2.0s	pmax	pmax		
CMB	comp=Z,3.0um,18.0s	MLR	MLR		
CMB	Columbia Colle	52.38 76	P	22 18 26.6	+1.9
CMB	comp=Z,69nm,1.9s	IAMB	IAMB	22 18 36.0	
PDGK	Podgornoye	52.81 294	iP	22 18 25.5	-2.4
PDGK	comp=Z,22nm,1.4s	pmax	pmax		
SHLS	Shalkode	52.94 294	eP	22 18 25.1	-3.8
SHLS	comp=Z,37nm,1.4s,baz=293	eP	P	22 18 25.1	-3.8
SHLS	Shalkode	52.94 294	eP	22 18 25.0	-3.8
SHLS	comp=Z,37nm,1.4s	pmax	pmax		
KMI	Kunming	53.08 261	eP	22 18 29.5	-0.7
KMI	comp=Z,11nm,1.1s	pP	pP	22 18 32.5	-7.8
KMI	comp=Z,830nm,13.3s	sP	sP	22 18 34.1	-1.0
KMI	comp=Z,17um,16.6s	S	S	22 25 55.2	-2.5
KMI	comp=Z,11nm,1.1s	pmax	pmax		
KMI	comp=Z,830nm,13.3s	LR	LR		
KMI	comp=Z,17um,16.6s	LR	LR		
KMI	comp=Z,11um,16.6s	LR	LR		
KMI	comp=Z,9um,17.4s	LR	LR		
KMI	Kunming	53.08 261	P	22 18 28.7	-1.5
KMI	comp=Z,11nm,0.8s	pmax	pmax		
KMI	comp=Z,9um,18.0s	MLR	MLR		
KMI	Kunming	53.08 261	P	22 18 28.7	-1.5
KMI	comp=Z,9um,18.0s	eP	P	22 18 27.6	-2.7
KPKS	Kokpek	53.13 295	eP	22 18 27.5	-2.7
KPKS	comp=Z,21nm,1.5s,baz=294	pmax	pmax		
KPKS	Kokpek	53.13 295	eP	22 18 27.5	-2.7
KPKS	comp=Z,21nm,1.5s	pmax	pmax		
LKWY	Lake	53.14 63	P	22 18 33.5	+3.0
LKWY	comp=Z,25nm,1.1s	pmax	pmax		
LKWY	comp=Z,4um,21.0s	MLR	MLR		
LKWY	Lake	53.14 63	P	22 18 33.5	+3.0
LKWY	comp=Z,4um,21.0s	IAMS_20	IAMS_20	22 39 37.6	
H17A	Grant Village	53.17 63	P	22 18 33.6	+2.9
H17A	comp=Z,314,SNR=8.3	P	P	22 42 33.4	
H17A	Grant Village	53.17 63	IAMS_20	IAMS_20	22 42 33.4
H17A	comp=Z,5.0um,20.0s	P	P	22 18 30.0	-0.2
ARU	Arti	53.17 318	P	22 18 30.1	-0.1
ARU	comp=Z,1.2nm,0.5s,baz=33,slow=8.3,SNR=6.2	P	P	22 19 36.8	
ARU	Arti	53.17 318	iP	22 20 15.3	-1.8
ARU	comp=Z,14nm,1.6s	S	S	22 28 15.3	
ARU	comp=Z,14nm,1.6s	pmax	pmax		
ARU	comp=Z,15um,15.0s	MLR	MLR		
ARU	Arti	53.17 318	P	22 18 30.1	-0.1
ARU	comp=Z,15nm,1.0s,baz=296,slow=7.4,SNR=5.3	P	P	22 18 34.1	+2.8
NVAR	Mina Array Bea	53.25 74	LR	22 38 05.0	
NVAR	comp=Z,2um,21.4s,baz=313,slow=32	LR	LR	22 40 20.8	
ELK	Elko	53.28 70	LR	22 18 33.1	+1.6
ELK	comp=Z,2um,19.4s,baz=330,slow=35	LR	LR	22 18 33.1	+1.6
ELK	Elko	53.28 70	P	22 18 33.1	+1.6
ELK	comp=Z,12nm,0.3s	pmax	pmax		
ELK	comp=Z,2um,18.0s	MLR	MLR		
ELK	Elko	53.28 70	P	22 18 33.1	+1.6
ELK	comp=Z,12nm,0.3s	IAMB	IAMB	22 18 57.0	
RLMT	Red Lodge	53.33 62	P	22 18 33.6	+1.8
RLMT	comp=Z,314,SNR=8.2	P	P	22 43 04.5	
RLMT	Red Lodge	53.33 62	IAMS_20	IAMS_20	22 43 04.5
RLMT	comp=Z,4um,18.0s	P	P	22 18 33.8	+2.0
NV11	Mina Array Sit	53.33 74	P	22 19 15.8	
NV11	comp=Z,4um,18.0s	IAMB	IAMB	22 19 15.8	
DGMT	Dagmar	53.47 56	P	22 18 33.8	+1.3
DGMT	comp=Z,46nm,1.4s	IAMB	IAMB	22 19 09.8	
DGMT	Dagmar	53.47 56	P	22 18 33.8	+1.3
DGMT	comp=Z,39nm,1.4s	IAMS_20	IAMS_20	22 40 38.9	
MLAC	Mammoth, Mamm	53.53 75	P	22 18 36.1	+2.7
MLAC	comp=Z,4um,20.0s	P	P	22 18 31.2	-2.3
SATY	Saty	53.56 295	eP	22 18 31.1	-2.3
SATY	comp=Z,13nm,1.6s,baz=294	pmax	pmax		
SATY	Saty	53.56 295	eP	22 18 31.1	-2.3
SATY	comp=Z,13nm,1.6s	pmax	pmax		
CHKK	Chushkaly	53.73 296	eP	22 18 31.4	-3.2
CHKK	baz=296	eP	P	22 18 31.4	-3.2
CHKK	Chushkaly	53.73 296	eP	22 18 31.4	-3.2
CHKK	comp=Z,3um,18.0s	P	P	22 18 38.0	+3.3
LAO	LASA Array	53.74 59	P	22 18 36.4	+1.7
LAO	comp=Z,315,SNR=7.3	IAMB	IAMB	22 18 39.6	
LAO	LASA Array	53.74 59	P	22 18 36.4	+1.7
LAO	comp=Z,32nm,0.9s	IAMS_20	IAMS_20	22 42 40.4	
LAO	comp=Z,4um,18.0s	IAMS_20	IAMS_20	22 45 22.9	
REDW	Red Top Meadow	53.75 64	IAMS_20	IAMS_20	22 45 22.9
REDW	comp=Z,3um,18.0s	P	P	22 18 33.1	-1.5
TMCR	Tamitsa	53.79 334	eP	22 18 33.1	-1.5
TMCR	comp=Z,46nm,1.2s	pmax	pmax		
QIZ	Qiongzong	53.99 250	P	22 18 35.4	-1.2
QIZ	comp=Z,11um,1.7s	P	P	22 26 10.6	+0.9
QIZ	Qiongzong	53.99 250	P	22 18 35.4	-1.2
QIZ	comp=Z,320nm,3.9s	SS	SS	22 29 53.5	+2.3
QIZ	comp=Z,10um,15.1s	pmax	pmax		
QIZ	comp=Z,10um,15.1s	LR	LR		
QIZ	comp=Z,4um,14.9s	LR	LR		
QIZ	comp=Z,11um,15.8s	LR	LR		
QIZ	Qiongzong	53.99 250	IAMS_20	IAMS_20	22 42 33.9
KUU	Kury	54.04 297	eP	22 18 33.4	-3.5
KUU	comp=Z,34nm,1.5s,baz=298	P	P	22 18 33.3	-3.5
KUU	Kury	54.04 297	eP	22 18 33.3	-3.5
KUU	comp=Z,34nm,1.5s	pmax	pmax		
MDOK	Medeo	54.19 296	eP	22 18 35.6	-2.5
MDOK	comp=Z,7um,13.6s,baz=295	P	P	22 41 59.9	
MDOK	Medeo	54.19 296	eP	22 18 35.5	-2.5
MDOK	comp=Z,7um,14.0s	MLR	MLR		
AAA	Alma-Ata	54.23 296	eP	22 18 36.2	-2.1
AAA	comp=Z,5um,14.5s,baz=295	P	P	22 41 33.8	
AAA	Alma-Ata	54.23 296	eP	22 18 36.1	-2.1

AAA	comp=Z,5um,15.0s	MLR	MLR		
TIN	Tinemaha, Big	54.28 75	P	22 18 41.3	+2.5
TIN	comp=Z,5um,15.0s	P	P	22 18 36.8	-2.6
TNSS	Tian-Shan	54.33 296	eP	22 18 36.8	-2.6
TNSS	baz=295	eP	P	22 18 36.8	-2.6
TNSS	Tian-Shan	54.33 296	eP	22 18 36.8	-2.6
TNSS	comp=Z,14nm,1.3s,baz=295	eP	P	22 18 36.6	-2.7
BTLS	Baital	54.39 299	eP	22 18 36.6	-2.7
BTLS	comp=Z,14nm,1.3s	pmax	pmax		
MTBS	Maitube	54.53 296	eP	22 18 39.1	-1.4
MTBS	baz=296	eP	P	22 18 39.1	-1.4
MTBS	Maitube	54.53 296	eP	22 18 39.1	-1.4
MTBS	comp=Z,14nm,1.3s	P	P	22 18 42.8	+2.1
SMCC	Simmler	54.55 78	P	22 18 42.8	+2.1
HWUT	Hardware Ranch	54.62 66	IAMS_20	IAMS_20	22 44 05.3
HWUT	comp=Z,3um,18.0s	IAMS_20	IAMS_20	22 44 05.3	
VES	Vestla, Richgr	54.68 76	P	22 18 43.3	+1.8
VES	comp=Z,3um,18.0s	P	P	22 18 43.3	+1.8
GRAC	Grapevine Rang	54.80 74	P	22 18 44.5	+2.6
GRAC	baz=316,SNR=8.6	P	P	22 18 44.4	+1.8
R11A	Troy Canyon, C	54.80 72	P	22 18 44.4	+1.8
R11A	comp=Z,316,SNR=14	P	P	22 18 44.4	+1.8
CWC	Clottonwood Cre	54.80 75	P	22 18 44.4	+1.8
CWC	baz=317	P	P	22 18 44.6	+1.7
BW06	Boulder Array	54.84 64	P	22 18 44.6	+1.7
BW06	comp=Z,3um,18.0s	IAMS_20	IAMS_20	22 44 45.7	
BW06	Boulder Array	54.84 64	IAMS_20	IAMS_20	22 44 45.7
BW06	comp=Z,3um,18.0s	P	P	22 18 44.4	+1.5
PD31	Pinedale Array	54.84 64	P	22 18 44.4	+1.5
PDAR	Padar	54.84 64	P	22 18 44.6	+1.7
PDAR	comp=Z,3.7nm,0.8s,baz=337,slow=3.4,SNR=14	LR	LR	22 43 13.3	
KIRV	Kirov	54.86 324	P	22 18 43.5	+1.1
KIRV	comp=Z,6.9nm,0.8s,baz=69,slow=6.4,SNR=4.8	P	P	22 18 45.2	+1.1
KIRV	Kirov	54.86 324	eP	22 18 42.2	-0.2
KIRV	comp=Z,8.6nm,0.6s,baz=38,slow=12,SNR=4.0	P	P	22 18 42.2	-0.2
KIRV	Kirov	54.86 324	eP	22 18 42.2	-0.2
KIRV	comp=Z,8.6nm,0.6s,baz=38,slow=12,SNR=4.0	P	P	22 18 45.5	
KIRV	Kirov	54.86 324	eP	22 18 45.5	
KIRV	comp=Z,8.6nm,0.6s,baz=38,slow=12,SNR=4.0	IAMB	IAMB	22 18 45.5	
PKM	Mpherson Peak	54.97 78	P	22 18 46.0	+2.2
PKM	baz=317,SNR=13	P	P	22 18 46.0	+2.2
DUG	Dugway, Totele	54.97 68	P	22 18 46.0	+2.3
DUG	baz=316,SNR=12	P	P	22 18 46.4	+1.4
ISA	Isabella, Lake	55.15 76	P	22 18 46.4	+1.4
ISA	comp=Z,23nm,1.2s	pmax	pmax		
ISA	Isabella, Lake	55.15 76	P	22 18 46.1	+1.1
ISA	comp=Z,2um,18.0s	MLR	MLR		
ISA	Isabella, Lake	55.15 76	P	22 18 46.4	+1.4
ISA	comp=Z,2um,18.0s	P	P	22 18 46.4	+1.4
ISA	Isabella, Lake	55.15 76	P	22 18 46.4	+1.4
ISA	comp=Z,2um,18.0s	P	P	22 18 43.4	-2.0
ISGD	Sogindy	55.23 298	eP	22 18 43.4	-2.0
ISGD	comp=Z,22nm,1.5s,baz=297	eP	P	22 18 43.4	-2.0
ISGD	Sogindy	55.23 298	eP	22 18 43.4	-2.0
ISGD	comp=Z,22nm,1.5s	pmax	pmax		
LKP	Lekhapani	55.32 269	eP	22 18 46.5	+0.3
LKP	comp=Z,22nm,0.4s	IAMB	IAMB	22 18 51.3	
SLVN	Don La	55.40 257	P	22 18 47.0	+0.1
SLVN	comp=Z,22nm,0.4s	P	P	22 18 48.9	+1.9
IMPMC	Imperial Prospe	55.41 75	P	22 18 48.9	+1.9
IMPMC	comp=Z,317,SNR=20	P	P	22 18 46.2	-0.6
USP	Ospenovka	55.42 298	P	22 18 46.2	-0.6
USP	SNR=36	P	P	22 18 48.5	+1.3
TPNV	Topopah Spring	55.45 74	P	22 18 48.5	+1.3
TPNV	comp=Z,56nm,1.1s	pmax	pmax		
TPNV	Topopah Spring	55.45 74	P	22 18 49.6	+2.4
TPNV	comp=Z,2um,19.0s	MLR	MLR		
TPNV	Topopah Spring	55.45 74	P	22 18 49.6	+2.4
TPNV	comp=Z,2um,19.0s	P	P	22 18 48.5	+1.3
TPNV	Topopah Spring	55.45 74	IAMB	IAMB	22 19 08.6
TPNV	Topopah Spring	55.45 74	IAMB	IAMB	22 19 08.6
TPNV	comp=Z,56nm,1.1s	IAMB	IAMB	22 19 08.6	
FURC	Furnace Creek	55.46 74	P	22 18 49.5	+2.4
FURC	comp=Z,56nm,1.1s	P	P	22 18 46.4	-0.9
CHMS	Chumysh	55.49 297	P	22 18 46.4	-0.9
CHMS	SNR=15	P	P	22 18 47.9	+0.9
SFJD	Kangerlussuaq	55.51 15	P	22 18 47.9	+0.9
SFJD	SNR=15	pmax	pmax		
SFJD	Kangerlussuaq	55.51 15	P	22 18 47.9	+0.9
SFJD	comp=Z,63nm,1.5s	P	P	22 18 47.9	+0.9
SFJD	Kangerlussuaq	55.51 15	IAMB	IAMB	22 19 29.9
KBK	Karagaybulak	55.63 297	P	22 18 47.1	-1.4
KBK	SNR=13	P	P	22 18 51.0	+1.9
SCZ2	Santa Cruz Isl	55.72 78	P	22 18 51.0	+1.9

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, AKBB, Q44A, FVM, DELO, U40A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FRNY, MOQ, J56A, M53A, H59A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KWP, Kalwaria Pacla, X43A, CCAR, Z41A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EGYH, ARR, S59A, MPLH, AMBH, T58A, MOA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRTR, Keskin Array B, BRTR, DIVS, CTI, etc.

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

Table with columns: STKA, San Fernando, Stephens Creek, etc. Includes station names, coordinates, and various data points.

DDA 06 22:16:44.6, 0.8, 36.99N, 34.40E, h14km, 1km, MW4.1
IDC 06 22:16:44.6, 0.8, 36.99N, 34.40E, h14km, 1km, MW4.1

ISK 06 22:16:44.4, 0.8, 36.97N, 34.40E, h5km, ML3.9/25
NEIC 06 22:16:45.1, 1.6, 36.93N, 0.04, 34.4E, 0.05, h7km, 3km

NIC 06 22:16:46.8, 0.0, 36.77N, 34.57E, h3km, 31km, ML4.2/6
ISC 06 22:16:45.4, 1.0, 36.93N, 0.02, 34.4E, 0.02, h8km, 7km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

Main table with columns: KOZT, Kozan, ERMK, Ermenek, etc. Includes station names, coordinates, and various data points.

Table with columns: MDUB, Mudurnu, MMLI, Mount Malkishu, etc. Includes station names, coordinates, and various data points.

NOU 06 22:38:58.4, 10.79S, 120.51E, h58km, mb4.2, Sumba Region, Indonesia

IDC 06 22:38:58.5, 3.5, 10.57S, 120.62E, h56km, 34km, mb3.7/6, mb1.3/9/10, mb1mx3.5/44, mbtmp4.0/10, ML3.9/4, MS3.9/1

ISG 06 22:38:57.4, 1.0, 10.45S, 0.2, 121.0E, h2, h35km, n11, c219/13, mb4.1/6, Savu Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

IDC 06 23:04:39.0, 1.8, 10.12S, 121.03E, h0km, mb3.8/2, mb1.3/8.5, mb1mx3.6/31, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=167.1km s-min=23.6km az=56.0, Savu Sea

BYKL 06 23:25:44.1, 0.1, 56.15N, 113.76E, h4km, 3km, 3C-5D, East Lake Baykal

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KURK Kurchatov, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like UGL Uglegorsk, JSE Soyas, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CBX Cerro Bola, TJIG Tijuana, BAR Barrett, etc.

KRNET 07 00:30:38.5:0.1, 41:15N:75:23E, h19km, mb2.2, 23C-1D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ARLS Aral, UCH Uchtor, UHLH Ulahol, etc.

BYKL 06 23:29:16.6:2.8, 56:08N:113:30E, 1C, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SVKR Severomuysk, UKT Ukait, NLYR Nelyaty, etc.

IDC 06 23:43:28.5:2.9, 7:13S:129:68E, h147km, 40km, mb2.9/1, ms1mx2.7/1.1, Error ellipse: s-maj=70.8km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SIJI Sorong, FITZ Fitzroy Cross, WRA Warramunga Arr, etc.

SOME 07 00:1:00.0, 41:25N:75:25E, h5km, NNC 07 00:01:03.2, 1.8, 41:33N:75:33E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=12.1km, s-min=8.0km, az=168.0

KRNET 07 00:59.7:0.1, 41:23N:75:34E, h17km, mb2.4, 33C-9D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ARLS Aral, UCH Uchtor, UHLH Ulahol, etc.

BYKL 06 23:30:00.7:0.4, 56:12N:113:70E, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SVKR Severomuysk, UKT Ukait, NLYR Nelyaty, etc.

ECX 06 23:48:25.0:0.8, 32:34N:115:43W, h4km, 5km, MD2.0, ML2.2, 6C-3D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CPBX Cerro Prieto, CPBX Mount Signal, COA Coachella, etc.

MOS 06 23:37:21.2:1.5, 47:00N:141:90E, h7km, mb4.2/1, Error ellipse: s-maj=14.8km, s-min=9.7km, az=104.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KHLM Kholmok, YSS Yuzh-Sakhalins, JWK2 Keihoku, etc.

7d 3h

N23A	Red Feather La	76.27	358	P	P	03 18 30.2	-0.5
N23A	Red Feather La	76.27	358	IAMB	IAMB	03 18 54.0	
OGNE	Ogallala	76.31	1	P	P	03 18 31.3	+0.6
S56A	Natural Bridge	76.38	19	P	P	03 18 29.5	-1.6
CTU	Camp Tracy	76.40	354	P	P	03 18 38.5	+7.0
PAHR	Pat Rah Range	76.44	348	IAMB	IAMB	03 18 45.8	
HOPS	Hopland Field	76.47	345	P	P	03 18 35.5	+6.9
R54A	Victor	76.48	18	P	P	03 18 30.4	-1.2
MAW	Mawson	76.49	175	P	P	03 18 34.1	+2.7
MAW	Surry	76.69	22	IAMS_20	IAMS_20	03 47 52.9	
T60A	Toone Canyon	76.79	354	P	P	03 18 40.2	+6.5
R55A	Marlinton	76.80	19	P	P	03 18 32.9	-0.6
ELK	Elko	76.83	351	P	P	03 18 40.8	+7.0
ELK	Elko	76.83	351	P	P	03 18 40.8	+6.9
ELK	Elko	76.83	351	P	P	03 18 40.8	+6.9
Q53A	Leroy	76.98	18	P	P	03 18 33.3	-1.2
R56A	Bull Pasture M	77.11	19	P	P	03 18 34.6	-0.7
R58B	Mineral	77.11	21	P	P	03 18 33.0	-2.2
S60A	Water View	77.24	22	P	P	03 18 33.6	-2.2
DZM	Mont Dzumac	77.36	252	eS	S	03 28 22.2	-5.7
DZM	Casper	77.51	27	P	P	03 33 21.4	-4.5
DZM	DZM	77.51	27	P	P	03 39 07.4	
DZM	DZM	77.51	27	P	P	03 42 23.5	
R58A	Rapidan	77.39	20	P	P	03 18 34.3	-2.4
O03E	Paynes Creek	77.46	346	P	P	03 18 36.0	-1.2
S61A	Accomac	77.51	22	P	P	03 18 35.2	-2.2
S61A	Accomac	77.51	22	IAMS_20	IAMS_20	03 47 07.6	
O02D	Mt. Diablo Mer	77.55	345	P	P	03 18 37.5	-0.1
ACSO	Alum Creek Sta	77.95	16	P	P	03 18 39.3	-0.5
K22A	Casper	78.04	358	P	P	03 18 39.6	-0.9
Q58A	Fox Den Farm	78.08	20	P	P	03 18 38.2	-2.4
BW06	Boulder Array	78.30	356	P	P	03 18 41.6	-0.4
N02D	Trinity Center	78.30	345	P	P	03 18 41.5	-0.3
PDAR	Pinedale Array	78.30	356	P	P	03 18 39.6	-2.3
ADH	Aurora Hatchery	78.30	354	IAMB	IAMB	03 19 06.3	
KHMM	Horse Mountain	78.42	345	IAMB	IAMB	03 18 57.0	
Q60A	Greensboro	78.68	22	IAMS_20	IAMS_20	03 47 57.5	
P58A	Pank, Wackersv	78.70	21	P	P	03 18 43.8	-0.2
M02C	Callahan	78.73	345	P	P	03 18 43.9	-0.3
M04C	Macdoel	78.90	346	P	P	03 18 45.1	-0.2
P59A	Jarrettsville	79.06	21	P	P	03 18 44.5	-1.4
O56A	Blue Knob Stat	79.07	19	P	P	03 18 44.7	-1.4
O57A	Amberson	79.27	20	P	P	03 18 45.7	-1.4
ECSD	EROS Data Cent	79.34	5	P	P	03 18 47.6	+0.1
N54A	Moraine State	79.35	18	P	P	03 18 45.9	-1.7
O58A	Lewisberry	79.39	21	P	P	03 18 47.1	-0.7
L04D	Klamath Falls	79.41	346	P	P	03 18 47.6	-0.4
RSSD	Black Hills	79.47	360	P	P	03 18 48.3	-0.1
P60A	Greenville	79.48	22	IAMS_20	IAMS_20	03 47 58.8	
HLID	Halley	79.51	352	P	P	03 18 48.3	-0.3
SSPA	Standing Stone	79.60	20	IAMB	IAMB	03 19 04.6	
WUPA	West Chester U	79.60	22	IAMS_20	IAMS_20	03 48 14.0	
P61A	Hammonton	79.61	22	IAMS_20	IAMS_20	03 48 54.2	
L02E	Cave Junction	79.62	345	P	P	03 18 49.3	+0.3
K05A	Summer Lake	79.64	347	P	P	03 18 55.9	+6.6
PSUB	Penn St - Bra	79.65	22	IAMS_20	IAMS_20	03 48 02.1	
K04D	Chiloquin, OR	79.70	347	P	P	03 18 49.8	+0.2
O59A	Robesonia	79.78	21	P	P	03 18 46.9	-3.0
N57A	Milroy	79.81	20	P	P	03 18 49.6	-0.4
N58A	Gumbury	80.12	20	P	P	03 18 50.2	-1.5
K02D	Willamette Mer	80.15	345	P	P	03 18 52.1	+0.2
J05D	Fort Rock, OR	80.24	347	P	P	03 18 52.7	+0.2
YMR	Madison River	80.28	355	P	P	03 18 59.7	+6.9
LUPA	Lehigh Unvers	80.29	21	IAMS_20	IAMS_20	03 48 35.5	
J04D	Umpqua Nationa	80.36	346	P	P	03 18 52.9	-0.3
YHH	Holmes Hill	80.39	355	P	P	03 19 00.3	+6.8
ERPA	Ernie	80.44	18	P	P	03 18 52.9	-0.5
N59A	State Game Lan	80.46	21	P	P	03 18 52.3	-1.3
RLMT	Red Lodge	80.62	356	P	P	03 18 53.7	-0.9
P07E	Pine Mountain	80.68	347	IAMB	IAMB	03 19 09.1	
I07A	Izee	80.72	349	IAMS_20	IAMS_20	03 48 20.4	
CPNY	Central Park	80.89	22	IAMS_20	IAMS_20	03 49 50.1	
I04A	Tendick Farm	80.95	346	P	P	03 18 55.5	-0.6
ODNJ	Ogdensburg	80.96	22	IAMS_20	IAMS_20	03 49 25.9	
I03D	Drain, OR	81.04	346	P	P	03 18 55.3	-1.3
L56A	Greenwood	81.09	19	P	P	03 18 55.2	-1.8
PAL	Palisades	81.10	22	P	P	03 18 55.2	-1.8
PAL	Palisades	81.10	22	IAMS_20	IAMS_20	03 49 27.7	
DLMT	Dillon	81.11	354	P	P	03 19 04.0	+6.9
TRNY	Table Rock, Ra	81.13	22	IAMB	IAMB	03 19 06.8	
TRNY	Waymart	81.14	21	P	P	03 18 55.1	-2.1
M59A	Blue Mountains	81.14	350	IAMB	IAMB	03 19 20.6	
L57A	Andrews Acres	81.16	20	P	P	03 18 56.1	-1.1
SPMN	Marine on St.	81.17	8	P	P	03 18 56.7	-0.5
M60A	Port Jarvis	81.18	22	P	P	03 18 56.0	-1.4

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BOZ	Bozeman (W)	81.26	354	P	P	03 18 57.2	-0.7
I05D	Terrebonne, OR	81.28	347	P	P	03 18 58.5	+0.6
I02D	Swissmoose	81.54	345	P	P	03 18 59.5	+0.4
H04D	Lebanon	81.72	346	P	P	03 18 59.0	-1.1
H04A	Detroit Lake	81.77	347	IAMB	IAMB	03 19 13.5	
MEDO	Medina	81.81	18	IAMS_20	IAMS_20	03 52 50.8	
L59A	Walcott	81.85	21	P	P	03 18 58.0	-3.0
LAO	LASA Array	82.06	358	P	P	03 19 00.5	-1.5
CAN	Canberra	82.16	232	IAMB	IAMB	03 19 09.2	
F10A	Beach Ranch, E	82.23	351	IAMB	IAMB	03 19 18.9	
J56A	Wolcott	82.34	19	IAMS_20	IAMS_20	03 49 32.6	
HRK	Holler Researc	82.38	354	P	P	03 19 10.7	+7.0
MSO	Missoula	82.69	353	P	P	03 19 03.4	-1.9
MSO	Missoula	82.69	353	IAMB	IAMB	03 19 28.0	
K61A	Williamstown	82.82	22	P	P	03 19 04.4	-1.5
E09A	Wood Farm, Sta	82.89	350	P	P	03 19 13.1	+6.9
E09A	Wood Farm, Sta	82.89	350	IAMB	IAMB	03 19 28.4	
TOO	Toolangi	82.93	228	P	P	03 19 07.9	+0.8
TOO	Toolangi	82.93	228	P	P	03 19 13.4	
TOO	Toolangi	82.93	228	P	P	03 19 07.9	+0.8
TOO	Toolangi	82.93	228	IAMB	IAMB	03 48 47.1	
E08A	Dider Farm, El	83.00	349	P	P	03 19 13.8	+7.0
J59A	Piesco	83.17	21	IAMS_20	IAMS_20	03 50 48.5	
I58A	Old Forge	83.24	21	P	P	03 19 07.6	-0.6
I57A	Carthage	83.28	20	P	P	03 19 07.2	-1.1
J60A	Lant Hill Farm	83.29	22	P	P	03 19 06.9	-1.5
ACCN	Adirocandack Com	83.35	22	IAMS_20	IAMS_20	03 51 00.1	
ARMA	Armidale	83.42	237	IAMS_20	IAMS_20	03 52 55.6	
D08A	Wollman Farm	83.53	350	IAMB	IAMB	03 19 16.4	+6.8
D08A	Wollman Farm	83.53	350	IAMB	IAMB	03 19 36.0	
JTMT	Jette	83.63	353	P	P	03 19 17.1	+6.8
JTMT	Jette	83.63	353	IAMB	IAMB	03 19 32.1	
E04D	Cinebar	83.64	347	P	P	03 19 09.7	-0.4
J62A	Henniker	83.77	23	P	P	03 19 10.4	-0.5
I60A	Shoreham	83.88	22	P	P	03 19 11.5	+0.1
EYMN	Ely	84.00	8	P	P	03 19 11.7	+0.3
H58A	Galaxie	84.14	21	P	P	03 19 11.1	-1.7
L0NY	Lake Ozonia	84.21	20	P	P	03 19 12.0	-1.1
I61A	Oroboro, Fair	84.29	22	P	P	03 19 13.3	-0.1
NEW	Newport	84.47	351	P	P	03 19 12.1	+6.7
NEW	Newport	84.47	351	P	P	03 19 13.3	-1.0
H59A	Cadyville	84.49	21	P	P	03 19 12.4	-2.1
ALGO	Algonquin Park	84.53	18	P	P	03 19 11.3	-3.4
D03D	Eldon	84.68	347	P	P	03 19 13.3	-2.1
NLWA	Neilton Lookou	84.69	346	IAMB	IAMB	03 19 29.1	
H58A	Morristown	84.71	22	P	P	03 19 14.4	-1.2
G60A	Ornstown	84.84	21	P	P	03 19 14.6	-1.7
B08A	Colville Reser	84.86	350	IAMB	IAMB	03 19 39.1	
H61A	Lynxville	84.92	22	P	P	03 19 14.3	-2.4
B05A	Bryant	85.21	348	P	P	03 19 16.5	-1.5
E55A	Montcef-Lytto	85.50	19	P	P	03 19 18.5	-1.0
H63A	New Sharon	85.63	23	P	P	03 19 18.4	-1.7
G61A	St-Isidore-de-	85.71	22	P	P	03 19 19.5	-1.1
E56A	St. Veronique	85.85	19	P	P	03 19 19.1	-2.1
H44A	Troy	85.88	24	P	P	03 19 19.6	-1.8
ULM	Lac du Bonnet	85.88	5	LR	LR	03 54 37.0	
D55A	Sainte-Anne-du	86.17	19	P	P	03 19 21.0	-1.8
E58A	La Victoria	86.18	21	P	P	03 19 21.0	-1.9
F60A	Warwick	86.20	22	P	P	03 19 20.2	-2.8
D56A	ZEC Mazanza, M	86.39	19	P	P	03 19 20.1	-3.8
H66A	Whiting	86.65	25	P	P	03 19 21.4	-3.8
D58A	Chemin du LacG	86.95	21	P	P	03 19 24.0	-2.7
D60A	Saint Jean D'O	87.36	22	P	P	03 19 25.3	-3.3
LSQQ	Lebel-sur-Quev	87.68	17	P	P	03 19 27.0	-3.1
MATQ	Matagami	88.18	17	P	P	03 19 28.7	-3.8
STKA	Stevens Creek	89.08	231	P	P	03 19 39.7	+2.2

Table with columns: ICAO, IATA, Airport Name, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes airports like MUKAI, GRRZ, RAGW, etc.

Table with columns: ATVO, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FOSV, FOSV, Fosso di Vic, etc.

BUI 07 03:36:19.8:0.0, 32.95N:106.21E, h7km, ML3.8/15
IDC 07 03:36:20.6:1.1, 32.78N:106.38E, h0km, mb3.5/4,
mb1 3.6/5, mb1mx3.4/5, mbtmp3.5/5, ML3.0/1, Error
ellipse: s-maj=42.7km s-min=20.5km az=69.0

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CD2, Chengdu, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STV, Santa Anna di V, etc.

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

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

Table with columns: ISO, Isola, Elevation, Country, Lat, Lon, MSL, AGL, and other details. Includes islands like Grotte di Boss, etc.

ROM 07 03:24:29.4:0.1, 43.325N:0.003:12.566E:0.005,
h7km, ML0.5/1, 2C, Error ellipse: s-maj=0.4km
s-min=0.1km az=66.0, Central Italy

IDC 07 03:36:55.6:2.8, 675S:129.73E, h141km, 36km, mb3.6/2,
mb1 3.4/6, mb1mx3.2/4, mbtmp3.8/6, Error ellipse:
s-maj=70.5km s-min=20.4km az=89.0, Banda Sea

ROM 07 03:41:20.0:2.4, 44.332N:0.009:7.28E:0.02, h11km, 1km,
ML2.1/1.5, Error ellipse: s-maj=1.4km s-min=0.7km
az=229.0

LDG 07 03:41:20.4:0.1, 44.35N:7.30E, h10km, Mld2.3/2, Ml2.6/27,
Error ellipse: s-maj=1.2km s-min=1.0km az=61.0

STR 07 03:41:20.2:0.3, 44.1N:1.1E, h4km, 2km, MlV2.2/12,
sml:scs/0.6/LCSAT earthModelID
sml:scs/0.6/alpes_tap-2.1 preliminary

GEN 07 03:41:20.4, 44.33N:7.29E, h11km, 2km, Ml2.0
ISC 07 03:41:19.0:8.4, 43.35N:0.01:7.34E:0.01, h17km, 3km,
n160, e1951/185, 11C-10D, Northern Italy

ROM 07 03:24:29.4:0.1, 43.325N:0.003:12.566E:0.005,
h7km, ML0.5/1, 2C, Error ellipse: s-maj=0.4km
s-min=0.1km az=66.0, Central Italy

ROM 07 03:24:29.4:0.1, 43.325N:0.003:12.566E:0.005,
h7km, ML0.5/1, 2C, Error ellipse: s-maj=0.4km
s-min=0.1km az=66.0, Central Italy

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lago del Serru, La Moure, Oris-en-Rattie, etc.

ROM 07:03:42:30.8±0.1, 42.984N±0.005:12.869E±0.005, h10km, Md1.4/6, Error ellipse: s-maj=0.6km s-min=0.4km az=193.0, Central Italy

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kabul, Cherat, Karamyk, etc.

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

WARRAMUNGA ARR 82.10 122 P P 04 20 25.2 -1.5

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SSLL Suanglung, HSN1 Hsinchu, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ECL Tainai, SSD Sandimen, etc.

Technical notes and coordinates: IDC 07 04:18:12.5:1.6, 40:26N:77:68E, h0km, mb3.5/4, mb1 3.7/8, mb1mx3.4/5.1, mbtmp3.6/8, ML3.3/4, Error ellipse: s-maj=24.5km s-min=17.7km az=145.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KDJ Kajiasy, KDJ Ulahol, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SHLS Shalkode, DGS Degeres, etc.

Table with columns: TRKS, Terek-Say, 4.97 285, Pn, 04 19 30.3 -0.3, etc. Includes various station codes and coordinates.

BGR 07 04:48:29.6 0.0, 24:23N, 122:197E, h33km, mb4.9
BUJ 07 04:48:30.2 0.0, 24:25N, 121:70E, h10km, mb5.3/48,
mb4.8/66, ML5.0/12, MS9.0/69, MS7.4/8/66
NIED 07 04:48:32.0, 24:18N, 121:64E, h33km, MW5.2, Moment
Tensor Solution...
NEIC 07 04:48:32.7 0.8, 24:27N, 121:66E, h34km, 4km
Error ellipse: s-maj=5.0km s-min=3.4km az=104.0
MOS 07 04:48:32.6 1.0, 24:33N, 121:73E, h45km, mb5.2/62,
MS4.6/12, Error ellipse: s-maj=7.5km s-min=4.3km
az=118.0
JMA 07 04:48:32.0, 24:18N, 121:64E, h33km, 1km, M5.0
TAP 07 04:48:32.8, 24:28N, 121:69E, h30km, ML5.5, B
NEIC 07 04:48:32.7, 24:28N, 121:66E, h40km, Moment Tensor
Solution...
ASIES 07 04:48:33.5, 24:26N, 121:70E, h26km, MW4.8
IDC 07 04:48:34.0 1.4, 24:30N, 121:36E, h4km, 12km, mb4.6/38,
mb1.4/40, mb1mx4.4/59, mbtmp4.8/40, ML3.6/2, MS4.4/22,
Ms1.4/4/22, ms1mx4.1/61, Error ellipse: s-maj=12.5km
s-min=9.4km az=62.0
NOU 07 04:48:33.0, 24:20N, 121:68E, h19km, mb5.1, Taiwan
ISC 07 04:48:32.9 0.4, 24:26N, 121:73E, h35km, 2km,
h36km: p-P, n-731, o152/850, mb5.0/210, MS4.6/36,
82C-48D, Fault plane solution: NP1: 0.17, 38.149°,
081.53442°, 146.89571°. NP2: 0.278, 44.244°, 043.76721°,
116.71223°. Principal axes: T Plg37.93229°,
Az=249.6029°, N Plg42.5228°, Az=25.2264°; P
Plg23.9880°, Az=139.3102°. Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes like NACB, ENA, TWC, etc.

Main table with columns: WHF, Hehuan Shan, 0.44 255, P, 04 48 42.3 -0.8, etc. Lists various stations and their coordinates.

Table with columns: NMLH, Miaoili, 0.90 288, P, 04 48 50.6 +0.4, etc. Lists stations and their coordinates.

Table with columns: CMB, Columbia Colle, 94.96, 44, Iamb, Iamb, 05 01 54.3, HLID, Hailey, 95.11, 37, P, P, 05 01 54.0 +1.1, etc.

Table with columns: WB2, Warramunga Arr, 14.25, 166, Pn, Pn, 04 53 34.1 -1.1, WR0, Warramunga Arr, 14.31, 165, Pn, Pn, 04 53 36.5 +0.4, etc.

Table with columns: DPDB, Guoxing, 0.77, 254, eP, Pb, 04 52 04.4 -0.4, DPDB, Guoxing, 0.77, 254, eP, Pb, 04 52 04.4 -0.4, etc.

TAP 07 04:51:49.9, 24:26N, 121:69E, h30km, ML3.9, C JMA 07 04:51:50.1, 0.1, 24:26N, 121:72E, h27km, 1km, M3.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time Res, h m s ISC, NACB, Ninganchiao, 0.14, 242, P, P, 04 51 55.4 +0.2, etc.

Table with columns: DPDB, Guoxing, 0.77, 254, eP, Pb, 04 52 04.4 -0.4, DPDB, Guoxing, 0.77, 254, eP, Pb, 04 52 04.4 -0.4, etc.

IDC 07 04:50:19.1, 2.8, 6:09S, 130:34E, h111km, 30km, mb3.8/5, mb1.4/1.9, mb1mx3.7/4.6, mbtmp4.4/9 Error ellipse: s-maj=59.0km s-min=16.0km az=79.0

NEIC 07 04:50:20.1, 2.5, 6:04S, 0:06, 130:6E, 0:1, h132km, 10km, mb4.2/7, Error ellipse: s-maj=16.1km s-min=9.3km az=85.0

NOU 07 04:50:25.9, 6:47S, 130:57E, h132km, mb4.2, Banda Sea DJA 07 04:50:31.1, 0.6, 5:5, 13:1E, s, h126km, 14km, M4.4/10, mb4.7/4, mBS1.0/1, MLV4.3/10, Mw(mb)4.7/1

ISC 07 04:50:19.0, 0.7, 6:07S, 0:05, 130:68E, 0:07, h124km, n33, e2539/37, mb4.1/9, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC, BNDI, Bandanaira, 1.72, 333, P, Pn, 04 50 52.7 +3.4, SAUI, Saumlaki, 2.00, 162, Pn, Pn, 04 50 54.8 +2.0, etc.

7d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ALS Alishan, CHNS Tsauling, YOJ Yonaguni jima, etc.

TAP 07 04:54:00.8, 24:27N, 121:68E, h24km, ML3.1, C
JMA 07 04:54:00.9, 24:26N, 121:68E, h27km, 5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NACB Ninganchiao, ENA Nanau, etc.

2015 JAN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ENAH Hwallen, HWA Hwallen, NNSB Datong, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include STYT Tauyuan, WTP Ta-pu, etc.

SNET 07 05:07:01.4, 0.9, 5:52N-82:70W, h0km, 999km, ML 6.4
RSNC 07 05:07:03.6, 0.4, 5:81N-82:79W, h32km, 13km, ML 5.2, Mw6.6
IDC 07 05:07:05.1, 0.5, 5:82N-82:82W, h0km, mb4.8/27, mb1.5/0.33, mb1mx4.9/44, mbmp4.9/33, ML 4.1/6, MS5.6/21, Ms1.5/6.21, ms1mx5.3/29, Error ellipse: s-maj=19.6km s-min=10.0km az=48.0
UPA 07 05:07:06.0, 1.8, 6:39N-82:68W, h0km, 8km, MW5.7, Fault plane solution: NP1:az=282.80000, s70.71000, f=38000
NEIC 07 05:07:07.5, 2.4, 5:90N-0:08, 82:66W, 0:07, h8km, 1km, Mb5.6/555, Ms. 20.5/6736, Mw6.3/37, Mw6.5/54, Mw6.5, Mw6.5(GCMT), Error ellipse: s-maj=12.2km s-min=10.1km az=240.0
MOS 07 05:07:07.1, 1.8, 6:00N-82:82W, h10km, mb5.7/23, MS5.7/17, Error ellipse: s-maj=9.4km s-min=6.4km az=103.6
UCR 07 05:07:07.7, 1.5, 6:39N-82:51W, h20km, ML5.1, MW5.7, mb6.5(NEIC)
BUJ 07 05:07:08.6, 0.0, 5:80N-82:45W, h20km, mb6.0/40, Ms6.1/49, Ms7.5/9/48
NEIC 07 05:07:08.5, 5.94N-82:64W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mrr=0.04; Mss=0.00; Mtt=0.11; Mss3.14; Mrr=-0.39; Fault plane solution: Ms3.17000*10^18 NP1:az=180.07000, s88.22000, l173.02000. NP2:az=270.28000, s83.03000, l1.79000. Principal axes: T 3.2005, Plg6.0000, Azm135.0000; N -0.0663, Plg83.0000, Azm346.0000; P -3.1342, Plg4.0000, Azm225.0000
GCMT 07 05:07:17.5, 0.0, 5:59N-82:64W, h23km, MW6.5/171, Moment Tensor Solution. s168.406; s171.c75; Duration: #1 Moment tensor: Scale 10^18Nm; Mrr=0.08; Mss=0.01; Mtt=0.02; Mss0.02; Mrr0.53; 0.4; Ms6.04; 0.02; Mw6.07; 0.04; Best double couple: Ms6.06400*10^18 NP1:az=360.00000, s85.00000, l179.00000. NP2:az=90.00000, s89.00000, l5.00000. Principal axes: T 6.1110, Plg4.0000, Azm315.0000; N -0.0950, Plg85.0000, Azm96.0000; P -6.6100, Plg3.0000, Azm225.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
NEIC 07 05:07:18.5, 5.59N-82:61W, h21km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mrr=0.24; Mss=0.02; Mtt=0.22; Mss0.51; Mrr6.09; Mrr0.20; Fault plane solution: Ms6.12000*10^18 NP1:az=353.00000, s85.00000, l178.00000. NP2:az=90.00000, s85.00000, l5.00000. Principal axes: T 6.2495, Plg4.0000, Azm315.0000; N -0.2705, Plg85.0000, Azm108.0000; P -5.9790, Plg2.0000, Azm224.0000
NEIC 07 05:07:20.5, 7.73N-82:25W, h24km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mrr=0.16; Mss=0.42; Mtt=0.26; Mrr1.99; Mss6.60; Mrr-0.15; Fault plane solution: Ms6.91000*10^18 NP1:az=2.00000, s73.00000, l-178.00000. NP2:az=271.00000, s89.00000, l-16.00000. Principal axes: T 6.9468, Plg11.0000, Azm318.0000; N -0.0841, Plg73.0000, Azm107.0000
NEIC 07 05:07:33.9, 5.62N-81:88W, h27km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mrr=1.04; Mss=0.07; Mtt=0.98; Mss-0.83; Mrr6.82; Mrr-1.69; Fault plane solution: Ms7.05000*10^18 NP1:az=177.84000, s86.13000, l167.41000. NP2:az=268.70000, s77.44000, l3.96000. Principal axes: T 7.7275, Plg12.0000, Azm133.0000; N -1.3551, Plg77.0000, Azm341.0000; P -6.3724, Plg6.0000, Azm224.0000
ISC 07 05:07:06.2, 0.6, 6:11N-0:02, 82:66W, 0:02, h8km, 3km, n1497, s266746, mb5.6/339, MS5.6/418, 12C-25D, Fault plane solution: NP1:az=271.20212, l86.170166, l2.05168. NP2:az=52559.9, s82.02833, l-151.40025. Principal axes: T Plg13.7185; Azm135.2477; N Plg60.4008; Azm19.7969; P Plg25.6755; South of Panama Azm231.9873;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACAO El Cacao, VMARIS Mariato, etc.

ARR33	Arrajian, Pana	4.11 46	eP	Pn	05 08 07.3	-2.2
BCIP	Isla Barro Col	4.13 42	eP	Pn	05 08 07.4	-2.3
BCIP	Isla Barro Col	4.13 42	eP	Pn	05 08 07.7	-1.9
BCIP	Isla Barro Col	4.13 42	eP	Pn	05 08 07.7	-1.9
BCIP	Isla Barro Col	4.13 42	eP	Pn	05 08 07.2	-2.5
BCIP	Isla Barro Col	4.13 42	eP	Pn	05 08 40.2	
comp-Z,854nm,0.5s						
HDC	Heredia	4.13 340	iP	Pb	05 08 07.2	-2.6
HDC	Heredia	4.13 340	eP	Pb	05 08 07.2	-1.2
HDC	Heredia	4.13 340	eP	Pn	05 08 09.0	+0.1
FLAM	Flamenco Islan	4.16 48	eP	Pn	05 08 08.7	-1.5
UPA	Univ. de Panam	4.21 47	eP	Pn	05 08 08.8	-2.0
UPA	Univ. de Panam	4.21 47	eS	Pn	05 08 56.1	-4.1
UPA	Univ. de Panam	4.21 47	eP	Pn	05 08 08.8	-2.0
SRAT	San Ramn	4.34 336	eP	Pn	05 08 08.9	-3.8
CHPO	Chepo, Panama	4.64 49	eP	Pn	05 08 14.7	-2.0
JTS	Las Juntas de	4.74 331	eP	Pn	05 08 17.4	-0.7
JTS	Las Juntas de	4.74 331	iP	Pb	05 08 14.4	-3.7
JTS	Las Juntas de	4.74 331	eP	Pb	05 08 15.1	-1.5
JTS	Las Juntas de	4.74 331	eP	Pn	05 08 17.8	-0.3
JTS	Las Juntas de	4.74 331	eP	Pn	05 08 17.8	-0.3
JTS	Las Juntas de	4.74 331	eP	Pn	05 08 15.3	-2.8
CASO	Castillo	4.76 335	eP	Pn	05 08 16.9	-1.5
FORC	Fortuna	4.77 335	eP	Pn	05 08 16.9	-1.5
AREI	Arenal I	4.79 333	eP	Pn	05 08 15.2	-2.8
CEDE	Laguna Cedeo	4.80 335	eP	Pn	05 08 17.5	-1.5
CNTA3	Canitas, Panam	4.85 30	eP	Pn	05 08 17.3	-2.3
COVE	Coope Vega, Sa	4.89 339	eP	Pn	05 08 17.6	-2.6
PTAC	Punta Ardia,	4.93 78	eP	Pn	05 08 17.5	-3.2
ACAL	Agua Claras	5.07 333	eP	Pn	05 08 08.9	-3.8
PTEN	Purque Tenorio	5.12 333	eP	Pn	05 08 22.2	-1.3
CUI	Cuipilapa	5.16 331	eP	Pn	05 08 22.4	-1.4
UPD2	Meteti	5.20 62	eP	Pn	05 08 25.0	+0.6
HORNC	Hornillas	5.21 332	eP	Pn	05 08 22.9	-1.8
SOLC	Bahia Solano	5.22 88	eP	Pn	05 08 21.2	-3.5
SOLC	Bahia Solano	5.22 88	eS	Pn	05 08 21.7	-3.9
SOLC	Bahia Solano	5.22 88	eS	Pn	05 09 32.6	
comp-Z,1.1um,0.4s						
LM1M	Limonal	5.23 331	eP	Pn	05 08 23.0	-1.9
GPS1	Guardaparques	5.35 330	eP	Pn	05 08 25.8	-0.8
LAPC	Lapaz	5.35 330	eP	Pn	05 08 25.8	-0.8
PIZC	Pizarro, Choco	5.39 102	eP	Pn	05 08 22.5	-4.6
PIZC	Pizarro, Choco	5.39 102	eS	Pn	05 09 23.4	-6.0
GBS3	Finca Las Img	5.41 329	eP	Pn	05 08 26.0	-1.3
GB1A	Borinquen Arri	5.41 330	eP	Pn	05 08 26.6	-0.7
HIZTE	Horizontes, Gu	5.42 328	eP	Pn	05 08 25.9	-1.5
MALC	Bahia Malaga	5.70 111	eP	Pn	05 08 27.7	-3.6
MALC	Bahia Malaga	5.70 111	eP	Pn	05 08 57.2	
comp-Z,2.1um,0.5s						
TUMC	Tumaco	5.79 137	eP	Pn	05 08 28.6	-3.9
CAP2	Capurgana	5.83 64	eP	Pn	05 08 32.7	-0.4
CAP2	Capurgana	5.83 64	eP	Pn	05 08 32.2	-0.9
ESPN	Las Esperanzas	6.26 345	eP	Pn	05 08 42.2	+3.3
ACON	Acopaya	6.33 337	eP	Pn	05 08 39.9	0.0
PLMC	San Jos del P	6.46 100	eP	Pn	05 08 39.0	-2.8
PLMC	San Jos del P	6.46 100	eS	Pn	05 09 57.7	-4.1
PLMC	San Jos del P	6.46 100	eS	Pn	05 10 07.3	
comp-Z,1.1um,0.5s						
CB0C	Ciudad Bolivar	6.61 92	eP	Pn	05 08 41.4	-2.6
CB0C	Ciudad Bolivar	6.61 92	eS	Pn	05 10 00.4	+0.6
CB0C	Ciudad Bolivar	6.61 92	eS	Pn	05 10 17.9	
comp-Z,2.55nm,0.4s						
YOTC	Yotoco, Valle	6.63 108	eP	Pn	05 08 41.4	-2.9
BBAC	Batocaa, Cauca	6.75 127	eP	Pn	05 08 41.2	-4.7
BBAC	Batocaa, Cauca	6.75 127	eS	Pn	05 09 55.7	-7.6
BBAC	Batocaa, Cauca	6.75 127	eS	Pn	05 10 08.3	
comp-Z,1.1um,0.5s						
PAC1	Pacto, Paraso	6.97 146	eP	Pn	05 08 45.0	-3.9
HEL2	Santa Helena	7.09 89	eP	Pn	05 08 51.7	+1.0
HEL2	Santa Helena	7.09 89	eP	Pn	05 08 50.0	-0.7
HEL2	Santa Helena	7.09 89	eS	Pn	05 10 14.4	+2.7
HEL2	Santa Helena	7.09 89	eS	Pn	05 10 25.6	
comp-Z,2.228nm,0.4s						
CUSE	Cuicocha Este	7.16 143	eP	Pn	05 08 48.1	-3.7
OTAV	Otavallo	7.19 144	iP	Pn	05 08 48.1	-4.1
OTAV	Otavallo	7.19 144	eP	Pn	05 08 48.6	-3.5
OTAV	Otavallo	7.19 144	eP	Pn	05 08 48.6	-3.6
OTAV	Otavallo	7.19 144	eP	Pn	05 08 46.6	-5.5
OTAV	Otavallo	7.19 144	eP	Pn	05 08 47.5	-4.7
UREV	San Jos de Ur	7.26 77	eP	Pn	05 08 55.2	+2.5
PCON	Cinco Dias	7.29 121	eP	Pn	05 08 52.8	-0.8
PCON	Cinco Dias	7.29 121	eS	Pn	05 10 14.9	-2.0
PCON	Cinco Dias	7.29 121	eS	Pn	05 10 27.2	
comp-Z,2.2um,0.5s						
RREF	El Recreo	7.38 99	eP	Pn	05 08 54.9	0.0
RREF	El Recreo	7.38 99	eS	Pn	05 10 19.0	-0.1
RREF	El Recreo	7.38 99	eS	Pn	05 10 44.2	
comp-Z,4.45nm,0.6s						
ANIL	Santa Ana	7.70 102	eP	Pn	05 08 53.5	-1.5
ANIL	Santa Ana	7.70 102	eS	Pn	05 10 21.6	+2.3
ANIL	Santa Ana	7.70 102	eS	Pn	05 10 47.0	
comp-Z,1.143nm,0.4s						
MOTC	Monteria, Cord	7.42 69	eP	Pn	05 08 55.5	+0.5
MOTC	Monteria, Cord	7.42 69	eP	Pn	05 10 49.3	
comp-Z,3.378nm,0.5s						
MONA	Monteria	7.42 69	iP	Pn	05 08 55.5	+0.4
MARP	Paez Belalcaza	7.43 116	eP	Pn	05 08 54.5	-0.8
MARP	Paez Belalcaza	7.43 116	eP	Pn	05 10 12.3	-7.7
ORTC	Ortega, Tolima	7.70 106	eP	Pn	05 08 07.7	-1.6
ORTC	Ortega, Tolima	7.70 106	eS	Pn	05 10 24.6	-1.7
ORTC	Ortega, Tolima	7.70 106	eS	Pn	05 10 42.6	
comp-Z,1.1um,0.7s						
NORC	Norcasia	7.77 94	eP	Pn	05 09 02.5	+2.8
NORC	Norcasia	7.77 94	eS	Pn	05 10 30.0	+2.0
NORC	Norcasia	7.77 94	eS	Pn	05 10 49.3	
comp-Z,2.56nm,0.5s						
CRIN	San Cristobal	7.85 327	eP	Pn	05 09 02.3	+1.4
ZARC	Zaragoza, Cauc	7.87 79	eP	Pn	05 09 01.9	+0.8
ZARC	Zaragoza, Cauc	7.87 79	eS	Pn	05 10 27.7	-2.7
ZARC	Zaragoza, Cauc	7.87 79	eS	Pn	05 10 57.4	
comp-Z,6.43nm,0.6s						
BETC	Betania	7.96 115	eP	Pn	05 09 02.1	-0.3
BETC	Betania	7.96 115	eS	Pn	05 10 32.1	+0.6
BETC	Betania	7.96 115	eS	Pn	05 10 42.7	
comp-Z,1.180nm,0.6s						
GARC	Garzon, Huila	8.14 118	eP	Pn	05 09 05.0	0.0
GARC	Garzon, Huila	8.14 118	eS	Pn	05 10 32.6	-4.8
GARC	Garzon, Huila	8.14 118	eS	Pn	05 10 46.8	
comp-Z,6.71nm,0.6s						
PTBC	PUERTO BERRIO,	8.16 87	eP	Pn	05 09 07.1	+2.0
PTBC	PUERTO BERRIO,	8.16 87	eP	Pn	05 10 51.0	
comp-Z,2.06nm,0.5s						
PUAC	Puerto Asis, P	8.21 132	eP	Pn	05 09 03.5	-2.3
SLCC	San Jacinto, C	8.31 63	eP	Pn	05 09 07.4	+2.2
SLCC	San Jacinto, C	8.31 63	eP	Pn	05 09 07.4	+2.0
ROSC	El Rosal	8.39 98	eP	Pn	05 09 10.8	+2.2
comp-Z,2.1nm,0.3s,baz=278,slow=7.5,SNR=25						
ROSC	El Rosal	8.39 98	eP	Pn	05 10 44.6	+0.6
comp-Z,9.0nm,0.3s,baz=342,slow=20,SNR=1.4						
ROSC	El Rosal	8.39 98	eP	Pn	05 11 59.3	
comp-Z,5.7um,21.5s,baz=286,slow=34						
ROSC	El Rosal	8.39 98	eP	Pn	05 09 11.2	+2.5
ROSC	El Rosal	8.39 98	eP	Pn	05 09 11.2	+2.5
ROSC	El Rosal	8.39 98	eP	Pn	05 09 13.1	+2.6
SPBC	San Pablo de B	8.55 93	eP	Pn	05 10 48.0	+0.6
SPBC	San Pablo de B	8.55 93	eS	Pn	05 10 48.0	+0.6
LCND	La Caada	8.82 325	eP	Pn	05 09 16.1	+2.0
LCND	La Caada	8.82 325	eP	Pn	05 09 16.1	+2.0
LCND	La Caada	8.82 325	eP	Pn	05 11 03.7	+3.3
SMLC	San Martn de	8.92 72	eP	Pn	05 09 16.9	+1.3
SMLC	San Martn de	8.92 72	eS	Pn	05 11 00.6	+4.2
SMLC	San Martn de	8.92 72	eS	Pn	05 11 25.0	
comp-Z,3.321nm,0.6s						
CHIC	Chingaza	9.01 99	eP	Pn	05 09 16.0	-1.1
CHIC	Chingaza	9.01 99	eS	Pn	05 11 02.0	+3.0
TGUH	Teguicigalpa,Un	9.11 330	eP	Pn	05 09 21.1	+2.8
TGUH	Teguicigalpa,Un	9.11 330	eP	Pn	05 09 21.1	+2.8
TGUH	Teguicigalpa,Un	9.11 330	eP	Pn	05 09 20.2	+1.9
ARGC	Ariguani, Magd	9.12 65	eP	Pn	05 09 20.1	+1.8
ARGC	Ariguani, Magd	9.12 65	eP	Pn	05 09 45.7	
comp-Z,5.16nm,0.4s						
VILC	Villavicencio,	9.15 102	eP	Pn	05 09 20.4	+1.6
PACA	Pacayal	9.20 323	eS	Pn	05 11 12.0	+8.7
TECA	Teccapa	9.33 322	eP	Pn	05 09 23.5	+2.5
TECA	Teccapa	9.33 322	eP	Pn	05 09 23.5	+2.5
BARC	Barichara	9.43 87	eP	Pn	05 09 23.7	+1.0
OCAC	Ocana	9.50 77	eP	Pn	05 04 25.5	
OCAC	Ocana	9.50 77	eP	Pn	05 09 28.4	+4.7
RUSC	La Rusia	9.53 91	eP	Pn	05 09 27.8	+3.5

RUSC	comp-Z,1.120nm,0.7s					
MACC	Macarena, Meta	9.63 114	eP	Pn	05 09 25.1	-0.2
COEG	Centro de Oper	9.66 321	eP	Pn	05 09 28.2	+2.5
COEG	Centro de Oper	9.66 321	eP	Pn	05 09 57.3	
COEG	Centro de Oper	9.66 321	eP	Pn	05 09 28.2	+2.5
COEG	Centro de Oper	9.66 321	eP	Pn	05 09 57.3	
comp-Z,928nm,0.4s						
SMRC	Santa Marta, M	9.73 58	eP	Pn	05 11 23.5	+9.0
PTLC	Puerto Leguiza	9.81 127	eP	Pn	05 09 31.1	+4.5
PTLC	Puerto Leguiza	9.81 127	eP	Pn	05 09 28.1	+0.3
PTLC	Puerto Leguiza	9.81 127	eP	Pn	05 09 54.5	
comp-Z,2.82nm,0.5s						
OPAM	Oficina de Pla	9.93 320	eP	Pn	05 09 31.1	+1.7
OPAM	Oficina de Pla	9.93 320	eP	Pn	05 09 31.1	+1.7
SNET	Serv Nac Est T	9.93 320	eP	Pn	05 09 33.9	+4.4
PAYG	Puerto Ayora	10.17 229	iP	Pn	05 09 34.6	+1.9
PAYG	Puerto Ayora	10.17 229	eP	Pn	05 09 32.1	-0.6
MT03	Montecristo	10.55 322	eP	Pn	05 09 40.8	+2.7
MT03	Montecristo	10.55 322	eP	Pn	05 09 40.8	+2.7
MT03	Montecristo	10.55 322	eP	Pn	05 09 42.3	+4.2
GUVC	San Jose del G	10.61 109	eP	Pn	05 09 38.6	-0.1
PTGC	Puerto Gaitan,	10.65 100	eP	Pn	05 09 40.4	+1.1
PTGC	Puerto Gaitan,	10.65 100	eP	Pn	05 11 54.9	
comp-Z,1.77nm,0.7s						
ESQ	Esquipulas	10.66 322	eP	Pn	05 09 44.6	+5.1
TASQ	Tama, Arauca	10.81 88	eP	Pn	05 09 43.3	+1.9
RDAL	Retalhuleu	12.20 314	eP	Pn	05 10 05.4	+4.9
RDAL	Retalhuleu	12.20 314	eP	Pn	05 10 03.3	+2.1
comp-Z,2.4nm,0.3s,baz=290,slow=13,SNR=6.9						
SDV	Santo Domingo	12.24 76	eP	Pn	05 12 20.9	+2.9
comp-Z,2.4nm,0.3s,baz=61,slow=19,SNR=1.6						
SDV	Santo Domingo	12.24 76	eP	Pn	05 15 47.9	
comp-Z,2.7um,20.6s,baz=240,slow=42						
SDV	Santo Domingo	12.24 76	eP	Pn	05 10 04.8	+3.6
SDV	Santo Domingo	12.24 76	eP	Pn	05 09 59.9	-1.2
SDV	Santo Domingo	12.24 76	eP	Pn	05 12 48.3	
comp-Z,1.100nm,0.7s						
SUH	Santo Domingo	12.24 76	eP	Pn	05 10 04.2	+3.0
HDEH</						

TKL	Tuckaleechee C	29.43 358	P	P	05 13 13.6	+3.2
TKL	Tuckaleechee C	29.43 358	LR	LR	05 23 55.9	
TKL	comp=Z,6jum,20.5s,baz=176,slow=34					
TKL	Tuckaleechee C	29.43 358	Iamb	Iamb	05 13 34.0	
MALB	Monte Alegre	29.43 105	eP	P	05 13 11.2	+0.5
V51A	Loudon	29.59 357	P	P	05 13 15.1	+3.2
V51A	comp=Z,144nm,1.1s				05 13 37.0	
V52A	Sevierville	29.60 358	Iamb	Iamb	05 13 31.2	
V56A	Mocksville	29.63 4	P	P	05 13 15.0	+2.8
V58A	Windy Hill, Pi	29.72 6	P	P	05 13 15.0	+2.0
V58A	Windy Hill, Pi	29.72 6	Iamb	Iamb	05 13 48.8	
V57A	Coltrane Farms	29.75 5	P	P	05 13 15.7	+2.3
X40A	Basin Creek Fa	29.77 343	P	P	05 13 15.7	+2.3
V59A	Middlesex	29.79 7	P	P	05 13 16.2	+2.6
MDP	Montagnes des	29.89 90	P	P	05 13 16.8	+2.1
MDP	comp=Z,32nm,1.1s,baz=283,slow=11,SNR=3.8				05 18 02.0	-1.0
UALR	University of	29.90 344	Iamb	Iamb	05 13 38.3	
PB01	IPOC Station P	29.92 155	Iamb	Iamb	05 13 28.8	
V60A	Jim Taylor Roa	29.93 9	P	P	05 13 17.9	+3.1
V62A	Hyde County Ai	29.95 11	IAMS_20	IAMS_20	05 25 02.5	
CLTN	Cedars of Leba	30.03 354	Iamb	Iamb	05 13 40.2	
MIAR	Mount Ida	30.05 342	P	P	05 13 17.8	+1.9
HPIC	King	30.15 316	P	P	05 13 21.1	+4.0
U56A	King	30.17 4	Iamb	Iamb	05 13 19.3	+2.3
U56A	King	30.17 4	Iamb	Iamb	05 13 44.7	
NPGB	Gary Mavity, V	30.21 115	eP	P	05 13 15.5	-2.1
W41B	Gary Mavity, V	30.25 344	Iamb	Iamb	05 13 20.4	+2.8
W41B	Gary Mavity, V	30.25 344	Iamb	Iamb	05 13 41.5	
WVT	Waverly	30.25 352	P	Pmax	05 13 20.5	+2.8
WVT	Waverly	30.25 352	P	P	05 13 20.2	+2.4
WVT	Waverly	30.25 352	P	P	05 13 20.5	+2.8
WVT	Waverly	30.25 352	Iamb	Iamb	05 13 41.2	
H06E1	SOCORRO T-PHAS0	30.28 297	T	T	05 45 33.1	
U54A	Nelsons Funny	30.28 1	P	P	05 13 21.2	+3.2
U54A	Nelsons Funny	30.28 1	Iamb	Iamb	05 13 52.0	
H06S1	SOCORRO T	30.29 297	T	T	05 45 30.7	
TZTN	Tazewell	30.30 359	P	P	05 13 21.1	+2.9
TZTN	Tazewell	30.30 359	Iamb	Iamb	05 13 41.7	
U57A	Blanch	30.33 5	P	P	05 13 21.0	+2.6
PB07	IPOC Station P	30.36 156	Iamb	Iamb	05 14 07.2	
WHAR	Woolly Hollow	30.37 344	Iamb	Iamb	05 13 42.4	
U58A	Oxford	30.38 7	P	P	05 13 21.6	+2.8
U49A	Red Boiling Sp	30.40 355	Iamb	Iamb	05 13 43.5	
U59A	Littleton	30.43 8	P	P	05 13 22.0	+2.8
U59A	Littleton	30.43 8	Iamb	Iamb	05 13 46.6	
U59A	Littleton	30.43 8	IAMS_20	IAMS_20	05 25 41.2	
GNAR	Gosnell	30.47 348	P	P	05 13 23.4	+3.8
U61A	Possum Corner	30.61 10	IAMS_20	IAMS_20	05 25 34.0	
SIV	San Ignacio	30.64 136	P	P	05 13 18.7	-2.7
PB09	IPOC Station P	30.69 155	Iamb	Iamb	05 14 27.7	
W39A	Magazine	30.71 342	P	P	05 13 24.9	+3.1
ABTX	Ablene, Hawie	30.77 331	P	P	05 13 25.2	+2.8
LCAR	Lake Charles	30.82 346	P	P	05 13 25.2	+2.5
T56A	Rocky Mt	30.87 4	P	P	05 13 27.3	+4.2
HICK	Hickman	30.88 350	P	P	05 13 26.6	+3.4
FCAR	Ozark Folk Cen	30.89 345	Iamb	Iamb	05 13 46.8	
T57A	Hurt	30.90 5	P	P	05 13 27.5	+4.1
T57A	Hurt	30.90 5	Iamb	Iamb	05 13 58.9	
T57A	Hurt	30.90 5	IAMS_20	IAMS_20	05 27 43.7	
T58A	Grand View Acr	30.92 6	P	P	05 13 26.8	+3.1
BLA	Blacksburg	31.02 3	P	P	05 13 28.7	+4.1
BLA	Blacksburg	31.02 3	Iamb	Iamb	05 13 52.1	
T59A	Double "B" Far	31.07 8	P	P	05 13 27.6	+2.7
T59A	Double "B" Far	31.07 8	Iamb	Iamb	05 13 52.2	
T59A	Double "B" Far	31.07 8	IAMS_20	IAMS_20	05 26 09.1	
MCPB	Macapa, AP	31.12 201	eP	P	05 13 26.8	+0.3
PBMO	Poplar Bluff	31.34 348	Iamb	Iamb	05 13 54.3	
S51A	Beattyville	31.40 359	Iamb	Iamb	05 13 37.0	
S51A	Beattyville	31.40 359	IAMS_20	IAMS_20	05 27 59.9	
U40A	Yellville	31.52 344	P	P	05 13 32.1	+3.2
U40A	Yellville	31.52 344	Iamb	Iamb	05 13 52.8	
SLBS	Sierra La Lagu	31.53 307	P	P	05 13 31.6	+2.4
SLBS	Sierra La Lagu	31.53 307	IAMS_20	IAMS_20	05 23 53.6	
S56A	Natural Bridge	31.55 5	P	P	05 13 32.5	+3.3
LVC	Limon Verde	31.55 155	P	P	05 13 28.1	-1.7
LVC	Limon Verde	31.55 155	eP	P	05 18 32.2	-6.8
LVC	Limon Verde	31.55 155	eP	P	05 13 29.3	-0.5
LVC	Limon Verde	31.55 155	eP	P	05 13 29.3	-0.5
S54A	Dingess, Beckl	31.57 2	P	P	05 13 32.8	+3.4
S54A	Dingess, Beckl	31.57 2	Iamb	Iamb	05 13 56.5	
S54A	Dingess, Beckl	31.57 2	IAMS_20	IAMS_20	05 27 43.4	
S58A	Poland Farm, P	31.64 7	P	P	05 13 33.2	+3.3
S58A	Poland Farm, P	31.64 7	Iamb	Iamb	05 14 07.9	
S58A	Poland Farm, P	31.64 7	IAMS_20	IAMS_20	05 26 27.2	
S57A	Dark Hollow, R	31.69 6	P	P	05 13 33.5	+3.1
S57A	Dark Hollow, R	31.69 6	IAMS_20	IAMS_20	05 28 05.5	
PB10	IPOC Station P	31.73 159	Iamb	Iamb	05 14 26.7	
S59A	Mechanicsville	31.88 8	P	P	05 13 35.3	+3.2
S60A	Water View	31.92 9	P	P	05 13 35.9	+3.5

R54A	Victor	31.96 2	P	P	05 13 36.2	+3.4
R58B	Mineral	32.01 7	P	P	05 13 36.5	+3.4
R58B	Mineral	32.01 7	Iamb	Iamb	05 13 47.3	
R58B	Mineral	32.01 7	IAMS_20	IAMS_20	05 26 38.9	
TUL1	Leonard	32.02 340	P	P	05 13 36.1	+2.8
TUL1	Leonard	32.02 340	Iamb	Iamb	05 13 56.6	
U38A	Gravette	32.04 342	P	P	05 13 34.8	+1.3
R50A	Pan de Azucar	32.06 358	Iamb	Iamb	05 13 58.2	
R53A	Hurricane	32.08 1	Iamb	Iamb	05 13 53.3	
R53A	Hurricane	32.08 1	IAMS_20	IAMS_20	05 27 51.0	
R55A	Marlinton	32.11 4	P	P	05 13 37.2	+3.1
R55A	Marlinton	32.11 4	Iamb	Iamb	05 14 01.8	
WCI	Wyandotte Cave	32.14 355	P	Pmax	05 13 37.2	+2.8
WCI	Wyandotte Cave	32.14 355	P	P	05 13 37.4	+3.0
WCI	Wyandotte Cave	32.14 355	P	P	05 13 37.2	+2.8
WCI	Wyandotte Cave	32.14 355	Iamb	Iamb	05 13 51.3	
WMOK	Wichita Mounta	32.15 335	P	P	05 13 37.4	+2.9
R57A	Standardsville	32.16 6	P	P	05 13 38.3	+2.9
R56A	Bull Pasture M	32.29 5	P	P	05 13 38.6	+2.9
OK025	Westminster Rd	32.29 337	P	P	05 13 38.3	+2.6
CBN	Corbin Foderl	32.31 8	Iamb	Iamb	05 14 11.7	
R58A	Rapidan	32.32 7	P	P	05 13 39.9	+4.0
OK030	Cody Creek RV	32.39 338	Iamb	Iamb	05 13 59.5	
OK031	S. Brethren Rd	32.43 338	Iamb	Iamb	05 13 59.9	
FVM	French Village	32.51 349	Iamb	Iamb	05 14 03.6	
QUOK	Quay	32.58 339	P	P	05 13 40.7	+2.5
QUOK	Quay	32.58 339	Iamb	Iamb	05 14 01.2	
Q53A	Leroy	32.62 2	P	P	05 13 41.8	+3.2
Q52A	Bidwell	32.71 1	Iamb	Iamb	05 14 02.6	
Q52A	Bidwell	32.71 1	IAMS_20	IAMS_20	05 29 13.6	
CCM	Cathedral Cave	32.74 347	P	P	05 13 42.2	+2.6
Q54A	Coxs Mills	32.77 3	Iamb	Iamb	05 13 59.6	
Q56A	Snyder Ridge	32.94 5	P	P	05 13 43.7	+2.4
Q56A	Snyder Ridge	32.94 5	Iamb	Iamb	05 14 01.1	
Q58A	Fox Den Farm,	32.99 7	P	P	05 13 44.6	+2.8
Q57A	Strasburg	33.00 6	P	P	05 13 44.6	+2.8
SLM	Saint Louis	33.10 349	P	Pmax	05 13 45.2	+2.5
SLM	Saint Louis	33.10 349	P	P	05 13 45.2	+2.5
SLM	Saint Louis	33.10 349	P	P	05 13 42.5	-0.9
MNTX	Cornudas Mount	33.16 323	P	P	05 14 07.7	
MNTX	Cornudas Mount	33.16 323	Iamb	Iamb	05 14 07.7	
T35A	Sooner Cattle	33.18 339	Iamb	Iamb	05 14 06.9	
P51A	Williamsport	33.23 359	Iamb	Iamb	05 14 02.4	
P53A	Whipple	33.25 2	P	P	05 13 45.8	+1.8
P53A	Whipple	33.25 2	Iamb	Iamb	05 13 53.4	
P48A	Milroy	33.30 356	Iamb	Iamb	05 14 08.0	
P48A	Milroy	33.30 356	IAMS_20	IAMS_20	05 27 57.2	
Q60A	Greensboro	33.32 10	IAMS_20	IAMS_20	05 27 14.7	
Q60A	Miami Univ. Ec	33.33 357	P	P	05 13 45.0	+0.3
P49A	Miami Univ. Ec	33.33 357	Iamb	Iamb	05 13 52.8	
CROK	Carroll	33.35 337	Iamb	Iamb	05 14 07.8	
P52A	Corning	33.38 1	P	P	05 13 45.8	+0.6
P52A	Corning	33.38 1	IAMS_20	IAMS_20	05 29 43.4	
MSTX	Muleshoe	33.41 329	P	P	05 13 44.4	-1.2
MSTX	Muleshoe	33.41 329	Iamb	Iamb	05 14 17.1	
P56A	Dayton Farm, R	33.43 5	P	P	05 13 46.4	+0.8
P57A	Homestead Farm	33.49 7	P	P	05 13 47.4	+1.3
MCWV	Mont Chateau	33.50 4	P	P	05 13 48.0	+1.9
MCWV	Mont Chateau	33.50 4	P	P	05 13 49.4	+3.2
P58A	Pank, Wackersv	33.58 8	P	P	05 13 49.1	+2.2
P58A	Pank, Wackersv	33.58 8	P	P	05 13 48.0	+0.8
AMTX	Amarillo	33.59 331	P	P	05 28 56.5	
AMTX	Amarillo	33.59 331	IAMS_20	IAMS_20	05 28 56.5	
U32A	Winter Ranch,	33.65 336	IAMS_20	IAMS_20	05 28 42.2	
KAN14	Manchester OK	33.74 338	P	P	05 13 51.4	+3.0
P59A	Jarrettsville	33.82 9	P	P	05 13 50.9	+1.9
O52A	Adamsville	33.87 1	Iamb	Iamb	05 14 08.6	
EPT	El Paso	33.90 322	IAMS_20	IAMS_20	05 28 13.3	
O49A	Covington	33.96 358	P	P	05 13 51.0	+0.7
O49A	Covington	33.96 358	Iamb	Iamb	05 13 58.5	
ACSO	Alum Creek Stat	33.98 360	P	P	05 13 52.4	+2.1
O54A	Avella	33.99 3	Iamb	Iamb	05 14 08.6	
O54A	Avella	33.99 3	IAMS_20	IAMS_20	05 29 36.4	
O53A	New Philadelphia	34.02 2	P	P	05 13 52.6	+1.8
O53A	New Philadelphia	34.02 2	Iamb	Iamb	05 14 29.7	
AC01	Pan de Azucar	34.13 160	P	P	05 13 51.9	0.0
AC01	Pan de Azucar	34.13 160	Iamb	Iamb	05 13 59.1	
P60A	Greenville	34.15 10	IAMS_20	IAMS_20	05 30 14.5	
O56A	Blue Knob Stat	34.21 6	P	P	05 13 54.0	+1.5
O56A	Blue Knob Stat	34.21 6	Iamb	Iamb	05 14 24.6	
MVL	Millersville	34.22 9	P	P	05 13 56.3	+3.9
MVL	Millersville	34.22 9	Iamb	Iamb	05 14 20.1	
O57A	Amberon	34.25 7	P	P	05 13 54.9	+2.1
O58A	Lewisberry	34.26 8	P	P	05 13 54.9	+2.1
PSUB	Penn Sl. Bra	34.29 10	Iamb	Iamb	05 14 20.4	
PSUB	Penn Sl. Bra	34.29 10	IAMS_20	IAMS_20	05 27 44.3	
O44A	Mansfield	34.30 352	Iamb	Iamb	05 14 07.1	
P40A	Paris	34.33 347	Iamb	Iamb	05 14 15.4	
SFIN	Lafayette	34.35 354	P	P	05 13 55.8	+2.2

SFIN	Lafayette	34.35 354	Iamb	Iamb	05 14 16.6	
PAGS	Pensylvania G	34.39 8	Iamb	Iamb	05 14 13.3	
O59A	Robesonia	34.55 9	P	P	05 13 57.5	+2.2
N53A	Lisbon	34.59 2	Iamb	Iamb	05 14 29.7	
N53A	Lisbon	34.59				

M63A	Gales Ferry	36.40	14	P	P	05 14 13.9	+2.7
BINY	Binghamton	36.42	8	P	P	05 14 14.3	+2.8
BINY	Binghamton	36.42	8	P	P	05 14 14.7	+3.2
BINY	Binghamton	36.42	8	I	I	05 14 38.7	
N35A	Tabors	36.50	343	I	I	05 14 38.1	
L60A	Shokan	36.51	11	P	P	05 14 14.8	+2.6
K50A	Casco	36.52	0	I	I	05 31 30.3	
L59A	Walton	36.56	10	P	P	05 14 15.0	+2.3
L59A	Walton	36.56	10	I	I	05 14 40.1	
L59A	Walton	36.56	10	I	I	05 28 41.5	
T25A	Trinidad	36.72	330	P	P	05 14 14.3	0.0
T25A	Trinidad	36.72	330	I	I	05 14 39.8	
T25A	Trinidad	36.72	330	I	I	05 30 52.3	
AC05	El Transito	36.73	162	P	P	05 14 14.2	-0.2
AC05	El Transito	36.73	162	I	I	05 14 27.9	
K56A	Middlesex	36.74	7	P	P	05 14 16.4	+2.2
LCO	Las Campanas	36.77	162	eP	P	05 14 14.0	-0.8
LCO	Las Campanas	36.77	162	I	I	05 14 15.0	+0.2
LCO	Las Campanas	36.77	162	I	I	05 14 35.0	
LCO	Las Campanas	36.77	162	I	I	05 29 45.1	
L61A	Hillsdale 1, H	36.83	11	P	P	05 14 17.5	+2.6
SCIA	State Center	36.87	347	P	P	05 14 18.1	+2.9
K57A	Scipio Center	36.88	8	P	P	05 14 16.8	+1.5
N33A	J Bar K, Exete	36.94	341	I	I	05 14 25.1	
TUC	Tucson	36.98	318	P	P	05 14 16.9	+0.5
TUC	Tucson	36.98	318	P	P	05 14 16.9	+0.5
TUC	Tucson	36.98	318	P	P	05 14 17.0	+0.6
TUC	Tucson	36.98	318	P	P	05 14 16.9	+0.5
K58A	Earville	37.03	9	I	I	05 14 43.5	
MED0	Medina	37.09	5	I	I	05 29 50.5	
K59A	Cooperstown	37.16	10	P	P	05 14 19.6	+1.9
QUA2	Belchertown	37.16	13	I	I	05 29 01.3	
J44A	Appleton	37.18	5	I	I	05 29 52.9	
L61B	Northampton	37.26	12	P	P	05 14 21.1	+2.6
JFWS	Jewell Farm	37.26	351	P	P	05 14 21.2	+2.6
JFWS	Jewell Farm	37.26	351	I	I	05 14 35.9	
TRY	Troy	37.33	11	I	I	05 14 46.8	
TRY	Troy	37.33	11	I	I	05 29 58.8	
J56A	Wolcott	37.37	7	I	I	05 14 44.2	
K50C	Kaye Shedlock	37.40	334	P	P	05 14 20.3	+0.4
K50C	Kaye Shedlock	37.40	334	I	I	05 14 44.7	
AQDB	Aquidauana	37.41	136	eP	P	05 14 17.5	-2.6
ARAG	Aranguana, MT	37.45	126	eP	P	05 14 18.5	-2.0
K38A	Parkersburg	37.47	348	I	I	05 14 24.8	
K62A	Royalston	37.56	13	P	P	05 14 24.0	+2.9
K62A	Royalston	37.56	13	P	P	05 14 23.7	+2.7
K62A	Royalston	37.56	13	I	I	05 14 48.8	
K62A	Royalston	37.56	13	I	I	05 29 12.7	
I51A	Listowel	37.57	2	P	P	05 14 24.6	+3.5
J57A	Williamstown	37.61	8	I	I	05 32 25.2	
J58A	Remsen	37.67	9	P	P	05 14 25.7	+3.7
J58A	Remsen	37.67	9	P	P	05 14 25.2	+3.2
J58A	Remsen	37.67	9	I	I	05 14 49.3	
J58A	Remsen	37.67	9	I	I	05 30 42.7	
SDCO	Great Sand Dun	37.73	330	P	P	05 14 24.7	+1.7
SDCO	Great Sand Dun	37.73	330	I	I	05 14 48.5	
GO04	Tololo Observa	37.83	163	P	P	05 14 22.6	-1.1
GO04	Tololo Observa	37.83	163	I	I	05 14 39.2	
GO04	Tololo Observa	37.83	163	I	I	05 32 09.1	
CO01	Juntas del Tor	37.85	162	I	I	05 14 39.1	
J60A	Lant Hill Farm	37.87	11	P	P	05 14 27.2	+3.5
J59A	Piesco	37.89	10	P	P	05 14 27.3	+3.4
J59A	Piesco	37.89	10	I	I	05 14 49.7	
J59A	Piesco	37.89	10	I	I	05 29 28.7	
H45A	Fountain	37.91	356	I	I	05 30 36.2	
ACCN	Adirondack Com	37.96	11	P	P	05 14 27.7	+3.2
ACCN	Adirondack Com	37.96	11	I	I	05 14 51.7	
SMTB	Santa Maria	37.99	113	eP	P	05 14 23.4	-1.8
I42A	Dräger Farm,	38.03	353	I	I	05 14 38.6	
I58A	Old Forge	38.04	9	P	P	05 14 27.0	+1.9
214A	Organ Pipe Nat	38.13	316	P	P	05 14 25.5	-0.7
214A	Organ Pipe Nat	38.13	316	I	I	05 14 50.6	
J61A	Chester	38.14	12	P	P	05 14 28.3	+2.3
W18A	Petrified Fore	38.15	323	P	P	05 14 26.8	+0.3
W18A	Petrified Fore	38.15	323	I	I	05 14 51.8	
W18A	Petrified Fore	38.15	323	I	I	05 30 53.0	
I57A	Carthage	38.18	8	P	P	05 14 28.4	+2.2
J62A	Henniker	38.19	13	P	P	05 14 28.9	+2.5
PIX	Pinacate	38.35	315	P	P	05 14 30.3	+2.3
PIX	Pinacate	38.35	315	I	I	05 28 52.0	
S22A	4UR Ranch, Cre	38.41	329	P	P	05 14 29.1	+0.4
S22A	4UR Ranch, Cre	38.41	329	I	I	05 32 11.0	
FFD	Franklin Falls	38.45	13	I	I	05 29 49.4	
H43A	Windswept, Lux	38.47	354	I	I	05 14 42.0	
H43A	Windswept, Lux	38.47	354	I	I	05 31 53.1	
I60A	Shoreham	38.48	11	P	P	05 14 31.5	+2.7
H53A	Bobcaygeon	38.48	5	P	P	05 14 32.0	+3.2
CO03	El Pedregal	38.48	163	I	I	05 14 42.4	
CO03	El Pedregal	38.48	163	I	I	05 24 30.5	
DELO	Deloro Mine	38.51	6	I	I	05 30 33.1	

Q24A	Divide	38.51	331	P	P	05 14 29.6	0.0
Q24A	Divide	38.51	331	I	I	05 32 35.9	
GLMI	Graying	38.60	358	P	P	05 14 33.1	+3.2
GLMI	Graying	38.60	358	I	I	05 14 37.0	
SADO	Sadowa	38.63	4	I	I	05 30 38.3	
X16A	Lo Mia Camp, P	38.74	321	I	I	05 30 33.5	
I61A	Orcuro, Fairl	38.77	12	P	P	05 14 34.2	+2.9
OGNE	Ogallala	38.77	336	P	P	05 14 34.6	+3.1
OGNE	Ogallala	38.77	336	P	P	05 14 34.5	+3.0
OGNE	Ogallala	38.77	336	I	I	05 32 50.9	
G45A	Suttons Bay	38.87	357	I	I	05 32 19.6	
H58A	Gabriels	38.87	10	P	P	05 14 34.8	+2.6
MVCO	Mesa Verde	38.91	326	P	P	05 14 34.6	+1.8
MVCO	Mesa Verde	38.91	326	I	I	05 14 57.8	
MVCO	Mesa Verde	38.91	326	I	I	05 31 53.1	
I62A	Tamworth	38.91	13	P	P	05 14 35.1	+2.6
LONY	Lake Ozonia	39.01	9	P	P	05 14 35.8	+2.6
LONY	Lake Ozonia	39.01	9	I	I	05 30 04.1	
VT1	Waterbury	39.05	11	I	I	05 15 01.2	
VT1	Waterbury	39.05	11	I	I	05 31 10.9	
K31A	Onondaga	39.06	341	P	P	05 14 36.1	+2.3
LBNH	Lisbon	39.13	12	P	P	05 14 37.0	+2.7
LBNH	Lisbon	39.13	12	I	I	05 15 01.7	
H59A	Wolcott	39.18	10	P	P	05 14 37.7	+3.0
I63A	Otisfield	39.25	14	P	P	05 14 38.3	+3.1
H60A	Montstow	39.28	11	P	P	05 14 37.8	+2.3
G54A	Lake Saint Pet	39.34	5	P	P	05 14 38.3	+2.3
FRNY	Flat Rock	39.38	10	P	P	05 14 39.7	+3.4
ISCO	Idaho Springs	39.39	332	P	P	05 14 36.8	-0.1
H61A	Lyndonville	39.41	12	P	P	05 14 38.8	+2.1
WUAZ	Wupatki	39.41	322	P	P	05 14 38.0	+0.9
WUAZ	Wupatki	39.41	322	I	I	05 15 02.0	
WUAZ	Wupatki	39.41	322	I	I	05 30 31.3	
G57A	Newington	39.41	9	P	P	05 14 37.8	+1.1
ECSD	EROS Data Cent	39.43	344	P	P	05 14 39.0	+2.2
H03N2	Juan Fernandez	39.49	175	T	T	05 55 56.5	
H03N1	Juan Fernandez	39.49	175	T	T	05 55 57.2	
ROXB	San Pro Mart	39.50	313	I	I	05 28 48.3	
SP58	Rosario	39.50	102	eP	P	05 14 38.2	+0.3
H03N3	Juan Fernandez	39.51	175	T	T	05 55 48.1	
SMCO	Snowmass	39.57	330	I	I	05 32 59.8	
G58A	Ormstown	39.61	10	P	P	05 14 41.0	+2.8
H62A	Milili	39.61	13	P	P	05 14 41.0	+2.7
H62A	Milili	39.61	13	P	P	05 14 41.1	+5.8
H62A	Milili	39.61	13	I	I	05 15 09.4	
PV01	Paradox Valley	39.62	327	I	I	05 33 32.9	
G59A	Clarenceville	39.69	11	P	P	05 14 41.8	+2.9
PV15	Paradox Valley	39.72	328	I	I	05 15 04.9	
PV15	Paradox Valley	39.72	328	I	I	05 31 54.7	
ZON	Zonda	39.75	161	I	I	05 14 46.4	
PV13	Radium Mtn., P	39.77	327	I	I	05 15 05.0	
PV03	Paradox Valley	39.85	327	I	I	05 32 36.2	
G60A	Masonville	39.87	11	P	P	05 14 42.8	+2.4
PV12	Saucer Basin,	39.88	327	I	I	05 15 05.9	
PV12	Saucer Basin,	39.88	327	I	I	05 32 37.8	
PV07	Paradox Valley	39.88	328	P	P	05 14 40.9	0.0
PV07	Paradox Valley	39.88	328	I	I	05 15 07.1	
PV07	Paradox Valley	39.88	328	I	I	05 33 02.0	
PV18	Skein Mesa, Pa	39.88	327	I	I	05 15 06.8	
PV18	Skein Mesa, Pa	39.88	327	I	I	05 32 29.6	
ALGO	Algonquin Park	39.90	5	P	P	05 14 42.9	+2.3
PV11	David Mesa, Pa	39.90	327	I	I	05 14 59.8	
PV11	David Mesa, Pa	39.90	327	I	I	05 32 36.4	
PV16	Nyswonger Mesa	39.93	327	I	I	05 15 07.3	
PV16	Nyswonger Mesa	39.93	327	I	I	05 32 27.3	
PV17	East Wray Mesa	39.93	327	I	I	05 15 07.2	
PV17	East Wray Mesa	39.93	327	I	I	05 32 36.3	
SPMN	Marine on St.	39.95	349	P	P	05 14 41.5	+0.4
SPMN	Marine on St.	39.95	349	I	I	05 14 58.0	
H63A	New Sharon	39.96	14	P	P	05 14 43.2	+2.0
PV19	Morning Glory	39.97	327	I	I	05 32 29.2	
PV20	West Nyswonger	39.98	327	I	I	05 15 07.6	
PV04	Paradox Valley	39.99	327	P	P	05 14 41.5	-0.3
PV04	Paradox Valley	39.99	327	I	I	05 32 40.6	
PV14	Lion Creek, Pa	40.03	327	I	I	05 32 40.0	
PV10	Paradox Valley	40.05	327	I	I	05 14 43.6	+1.2
PV10	Paradox Valley	40.05	327	I	I	05 15 07.5	
PV10	Paradox Valley	40.05	327	I	I	05 32 28.6	
PV23	Carpenter Ridge	40.09	327	I	I	05 33 33.4	
CPBX	Cerro Prieto	40.13	315	I	I	05 29 33.0	
E46A	Sault Ste Mari	40.13	358	I	I	05 33 36.0	
GLA	Glamis	40.15	316	P	P	05 14 43.1	+0.1
GLA	Glamis	40.15	316	I	I	05 15 07.3	
GLA	Glamis	40.15	316	I	I	05 30 54.7	
G61A	St-Isidore-de-	40.21	12	P	P	05 14 44.6	+1.3
E43A	Lone Tree Farm	40.29	355	I	I	05 14 59.9	
E43A	Lone Tree Farm	40.29	355	I	I	05 32 09.0	
VA03	San Esteban	40.34					

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Casper, Val d'Or, Murrieta, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sao Paulo, Sao Paulo, Sao Paulo, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WDC, JMTT, K05A, etc.

Table with columns: Name, Comp, Time, Status, and other details. Includes entries like TAOE, PAGU, PSET, CMILA, PSMN, YKA, YKA, DIB, NUUK, CRAG, WRAK, DLBC, DLBC, SFUD, SFUD, SFUD, MBO, SIT, JIS, ILLU, ILLU, ILLU, ILLU, ISOG, ISOG, WHY, WHY, ANG, VAH, NUUG, HHT, HHT, HYT, UPNV, BCPM, C36M, C36M, MEH, RES, RES, RES, ICES, PCA, TABL, YAH, CTGM, TVO, TIAR, BARN, BARN, PPT, PPT, PPT, PPT, PAE, ISLE, ISLE, TGL, CRQM, CRQM, INK, MCARA, TULEG, TULEG, VRDI, VRDI, GLB, GLB, TBI, TBI, TBI, EGA, EGA, N25K, N25K, N25K, L26K, SUMG, SUMG, SUMG, EYAK.

Table with columns: Name, Comp, Time, Status, and other details. Includes entries like MENT, MENT, MENT, KLU, KLU, DOT, DOT, SCRK, GLI, M24K, M24K, PAX, PAX, RIDG, RIDG, RIDG, SCM, KNK, SEW, SEW, SEM, SEM, PFVI, PFVI, O22K, GHO, GHO, PTEO, PMR, HDA, HDA, MORF, MORF, MORF, MORF, MORF, IL31, IL31, ILAR, ILAR, PSBE, R001, FYU, PNCL, BRLL, EUNU, PCAS, CNPM, MESJ, MESJ, MESJ, MESJ, CCB, POKR, POKR, RND, RND, RND, RND, RND, COI, COI, WRH, PMTG, COLA, COLA, COLA, PCVE, RND, COI, COI, MCK, MCK, EVO, KDAK, SUA, SUA, MDM, MDM, AVE, AVE, PVAQ, PVAQ, PVAQ, OHAK, PVIS, NEA2, BWN, PESTR, PESTR.

Table with columns: Name, Comp, Time, Status, and other details. Includes entries like POLO, TRF, MTE, MTE, MTE, PCBR, PMRV, SKT, SKT, I23K, I23K, I23K, KTH, BPWA, MLY, PPLA, PPLA, PBRG, SFS, SFS, COLD, COLD, CEU, CEU, IFR, IFR, MDT, DBG, EMAL, EMAL, PVLZ, PVLZ, TTA, TTA, TIC, LIC, PAB, PAB, PAB, PAB, DBIC, DBIC, DBIC, DBIC, KIC, ES15, ES16, ES14, ES17, ES13, ESDC, ESDC, ESB, ES05, ES06, ES07, ES01, ES03, ES10, ES11, ES09, KOWA, UCM, MELI, MELI, DAG, DAG, DAG, EKA, A21K, A21K, A21K, CART, CART, RDOG, ANM, ANM, ANM, ANM, CLF, TORD, TORD, SNF, SNF, DOU, DOU, MAHO, EGES, BCLA, BCLA, BCLA, GAMB, MEM, MEM, BHO, BHO, WLF, WLF, WLF, WLF, WLF, WLF.

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Table with columns for station call letters, frequency, power, and location. Includes stations like GMAL Guarumal, MARI3 Mariato, PVID3 Puerto Vidal, etc., across various regions.

KRSC 07 06:05:16.3r.1.1.55:17N:163.42E, h48km, 24km, ML4.0
ISC 07 06:05:19.0r.0.9.55:23N:0.04:163.47E:0.04, h35km, n41,
s137/46, mb3.1/3, Off east coast of Kamchatka

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

IDC 07 06:35:34.1r.4.8.29:22S:178.71W, h0km, mb3.9/3,
mb1 4.1/3, mb1mx3.8/1.5, mbtmp3.9/3, Error ellipse:
s-maj=209.2km s-min=55.6km az=154.0, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

AZER 07 06:44:26.2r.0.1.40:30N:46.47E, h10km, ml3.5/31, Error
ellipse: s-maj=0.8km s-min=0.7km az=328.0
NSSP 07 06:44:26.5, 40:33N:46.43E, h10km, Ms3.0
TIF 07 06:44:27.9, 40:28N:46.54E, h27km, 1km
DDA 07 06:44:30.0, 40:44N:46.17E, h2km, 1km, ML3.3
ISC 07 06:44:27.0r.1.1.40:31N:0.02:46.51E:0.01, h1km, 10km,
n56, s0:96/110, 2C-3D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Azer event.

Table with columns: POL, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 2015 JAN event.

ANF 07 06:59:02.8r.0.3.32:84N:96.89W, h3km, 2km, ML4.0/16,
Error ellipse: s-maj=1.5km s-min=1.4km az=167.0
NEIC 07 06:59:03.3r.1.5.32:84N:0.02:96.89W:0.03, h5km, 2km,
mb_Lg3.1/65, Error ellipse: s-maj=4.7km s-min=3.0km
az=290.0

ISC 07 06:59:02.8r.1.3.32:84N:0.03:96.89W:0.04, h2km, 11km,
n73, s0:72/76, Central Texas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the ANF event.

Table with columns: WLAR, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the WLAR event.

IDC 07 07:08:25.3r.0.6.6:84S:72:18E, h0km, mb4.1/16,
mb1 4.2/16, mb1mx4.0/47, mbtmp4.1/16, Error ellipse:
s-maj=19.0km s-min=17.2km az=4.0
NEIC 07 07:08:26.6r.1.4.6:85S:0.09:72:18E:0.1, h10km, 1km,
mb4.6/11, Error ellipse: s-maj=22.5km s-min=2.9km
az=248.0

ISC 07 07:08:27.9r.0.6.6:89S:0:09:72:2E:0.1, h18km, n37,
s0:90/32, mb4.4/19, Chagos Archipelago region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

Table with columns: PDAR, Pinedale Array, 96.71, 48, P, P, 08 40 46.0 +0.5, etc.

IDC 07 08:36:43.9-3.5, 6.40S-148.76E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.4/34, mbtmp3.5/4, ML2.6/2, Error ellipse: s-maj=103.3km s-min=34.9km az=110.0, New Britain region

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

Main table with columns: ASAJ, Asahikawa, 21.84, 359, P, P, 09 05 46.3 +1.4, etc.

Main table with columns: KBL, Kabul, 64.92, 299, P, P, 09 11 27.0 0.0, etc.

Table with columns: PFO, Pinyon Flats O, 86.24 55 P, P, 09 13 28.2 +0.2, 09 13 28.9

NIED 07 09:58:56.3, 38.47N; 142.04E, h43km, MW4.1, Moment Tensor Solution...

JMA 07 09:58:56.2, 0.1, 38.47N; 142.04E, h43km, 1km, M4.2, JMA Felt III.1

NEIC 07 09:58:57.1, 1.2, 38.41N; 142.01E, h52km, 20km, mb3.6/16, mb1 3.8/20, mb1mx3.7/48, mbtmp3.9/20, ML3.73, MS2.8/6, Ms1 2.8/6, ms1mx2.7/33, Error ellipse: s-maj=18.6km s-min=13.8km az=105.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

MJAR 0.8nm, 0.3s, baz=83, slow=15, SNR=4.7, comp=Z, 86nm, 21.6s, baz=80, slow=36

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: KURK, Kurchatov, 45.45 307 P, P, 10 07 10.9 -0.5, 10 07 11.5

WEL 07 10:15:41.8, 39.5S; 176.6E, h165km, 9km, M2.2/26, mb5.0/1.1, MLV2.2/26, Mw(MB)4.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=117.2, North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

WEL 07 10:25:00.43, 09S; 171.24E, h9km, ML3.7, Mw3.7, Moment Tensor Solution, s4 Moment tensor: Scale 1014 Nm; Mn:1.09; Mo:1.45; Mpp:2.54; Mo: -2.13; Mo: -2.13; Fault plane solution: M3.640000x1014 NP1: phi=343.00000; delta=5.00000; lambda=18.00000; NP2: phi=243.00000; delta=5.00000; lambda=144.00000. Principal axes: T = 36.91000, P1g36.00000, Azm198.00000; N = 35.90000, P1g51.00000, Azm43.00000; P = 1.01000, P1g13.00000, Azm297.00000

WEL 07 10:25:05.5, 6.43S; 171.1E, h5km, M3.7/10, ML3.8/10, MLV3.7/10, Error ellipse: s-maj=0.0km s-min=0.0km az=99.7, South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: MBAZ, Motutapu North, 6.87 26 P, Pn, 10 26 48.2 +1.3, 10 26 48.9 +1.3

REY 07 10:49:23.2, 64.67N; 17.44W, h9km, Iceland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

DNK 07 10:50:09.7, 2.5, 72.41N; 4.75W, h0km, 113km, ML2.3, BER 07 10:50:01.7, 2.2, 71.52N; 4.08W, h10km, ML1.7, ML2.3(DNK), Confirmed Earthquake, Jan Mayen Island region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

TAP 07 11:06:55.1, 21.32N; 122.31E, h141km, 1km, ML3.1, D, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

7d 12h

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Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like MRSI Marisa, KWAJ Kwajalein Atol, WRAKA Warakabatu, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CM15 Chiang Mai Arr, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like KKAR, IUG luzhny, RND Berezni, etc.

IDC 07 12:32:49.1, 3.6, 6.27S, 147.20E, h0km, mb3.8/6, mb1.4/1.9, mb1mx3.8/2.8, mbtm20.0km, ML3.6/1, Error ellipse: s-maj=39.5km s-min=20.0km az=105.0

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like PMG Port Moresby, SIJL Vila Florida, WRA Warramunga Arr, etc.

IDC 07 12:46:32.0, 2.0, 7.5, 34S, 29.64W, h0km, mb4.3/9, mb1.4/4.10, mb1mx4.3/19, mbtmp4.4/10, ML4.0/1, MS4.1/11, Ms1.4/0.11, ms1mx3.9/18, Error ellipse: s-maj=25.1km s-min=17.4km az=55.0

NEIC 07 12:46:33.6, 1.7, 5.5, 3S, 0.1, 29.6W, 0.2, 1.0, h2km, mb1.7km, mb4.8/37, Error ellipse: s-maj=19.1km s-min=14.1km az=191.0

IDC 07 12:46:36.3, 0.4, 5.5, 32S, 0.0, 29.68W, 0.0, h2km, n91, 0.877/9, mb4.8/22, MS4.1/10, 1C, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Code	Station Name	Δ°	AZ°	Phase	ISC	Time	Res	ISC
GO03	Copiap	40.23	297	P	P	12 54 09.9	-0.5	
AC02	Maricunga	40.29	299	P	P	12 54 10.2	-1.2	
MAW	Mawson	41.56	145	P	P	12 54 19.5	-1.4	
comp=Z,3.4nm,0.7s,baz=248,slow=8.4,SNR=3.4								
MAW					LR	13 09 07.6		
comp=Z,324nm,21.4s,baz=250,slow=33								
MAW	Mawson	41.56	145	P	P	12 54 20.1	-0.8	
AC01	Pan de Azucar	41.60	298	P	P	12 54 21.4	-0.2	
AC01					IAMB	12 54 30.1		
comp=Z,19nm,1.1s								
GO02	Mina Guanaco	41.91	299	P	P	12 54 25.2	+0.7	
GO02					IAMB	12 54 31.9		
comp=Z,22nm,0.8s								
BDFB	Brasilia	42.05	333	P	P	12 54 26.0	+0.5	
BDFB					LR	13 09 37.4		
comp=Z,3.3nm,0.6s,baz=75,slow=2.4,SNR=4.2								
BDFB	Brasilia	42.05	333	P	P	12 54 25.9	+0.5	
ARAG	Araguayana, MT	43.06	328	eP	P	12 54 33.9	+0.3	
LVC	Limon Verde	43.72	302	P	P	12 54 40.0	+0.8	
LVC					IAMB	12 54 40.0	+0.8	
LVC	Limon Verde	43.72	302	P	P	12 54 40.7	+1.4	
LVC					IAMB	12 54 48.9		
comp=Z,212nm,20.3s,baz=126,slow=33								
SDBA	GAO DESIDERIO	44.44	339	eP	P	12 54 45.4	+0.7	
PB01	IPOC Station P	45.33	303	P	P	12 54 52.7	+0.9	
PB01					IAMB	12 55 09.6		
comp=Z,14nm,1.0s								
PTLB	Pontes e Lacer	45.80	319	eP	P	12 54 55.6	+0.2	
PB08	IPOC Station P	45.94	304	P	P	12 54 58.2	+1.2	
PB08					IAMB	12 55 04.2		
comp=Z,11nm,1.0s								
GO01	Chuzmiza	46.37	304	P	P	12 55 01.5	+1.0	
SNDB	Serra Nova Duda	46.44	330	eP	P	12 55 00.5	+0.0	
PSGCX	Pisagua	46.87	303	P	P	12 55 04.6	+0.6	
PSGCX					IAMB	12 55 09.5		
comp=Z,8.6nm,0.9s								
MNMC	Minye Minye	47.02	304	P	P	12 55 06.4	+1.1	
BOSA	Boshof	47.18	79	P	P	12 55 06.6	+0.2	
BOSA					IAMB	12 55 06.6	+0.2	
comp=Z,2.3nm,0.6s,baz=229,slow=6.4,SNR=5.9								
BOSA	Boshof	47.18	79	P	P	12 55 06.8	+0.4	
BOSA					IAMB	12 55 22.9		
comp=Z,17nm,1.3s								
VNDA	Vanda	47.23	183	P	P	12 55 07.2	+1.2	
VNDA					LR	13 06 47.7		
comp=Z,1.2nm,0.7s,baz=175,slow=6.7,SNR=8.4								
VNDA	Vanda	47.23	183	P	P	12 55 06.9	+0.9	
H10S2	ASCENSION HYDR47.76	20	T	T		13 46 47.5		
H10S3	ASCENSION HYDR47.76	20	T	T		13 46 47.7		
comp=Z,29,slow=74,SNR=11								
SMTB	Santa Maria do	48.47	336	eP	P	12 55 17.4	+1.1	
VILB	Vilhena	48.49	319	eP	P	12 55 16.7	+0.2	
H10N1	ASCENSION HYDR48.87	20	T	T		13 48 09.0		
H10N3	ASCENSION HYDR48.87	20	T	T		13 48 09.6		
comp=Z,191,slow=74,SNR=18								
H10N2	ASCENSION HYDR48.87	20	T	T		13 48 09.6		
comp=Z,191,slow=76,SNR=32								
LBTB	Lobatse	50.17	76	P	P	12 55 31.1	+1.7	
LBTB					IAMB	12 55 38.7		
comp=Z,3.4nm,0.7s,baz=215,slow=8.9,SNR=5.1								
LBTB	Lobatse	50.17	76	P	P	12 55 29.9	+0.5	
LBTB					IAMB	12 55 38.7		
comp=Z,22nm,1.4s								
TSUM	Tsumeb	50.59	64	P	P	12 55 32.3	-0.3	
PRPB	Parauapebas	51.60	334	eP	P	12 55 40.4	+0.3	
SAML	Samuel	53.30	317	P	P	12 55 52.4	-0.2	
SAML					IAMB	12 55 59.7		
comp=Z,16nm,1.0s								
DBIC	Dimbokro	65.13	27	P	P	12 57 14.7	+0.3	
DBIC					LR	13 18 38.1		
comp=Z,92nm,20.6s,baz=156,slow=30								
DBIC	Dimbokro	65.13	27	P	P	12 57 13.8	-0.5	
DBIC					IAMB	12 57 17.9		
comp=Z,8.6nm,1.2s								
OTAV	Otavallo	68.08	306	P	P	12 57 33.1	-0.8	
OTAV					IAMB	12 57 42.8		
comp=Z,9.2nm,1.1s								
OTAV	Otavallo	68.08	306	eP	P	12 57 42.0	+8.1	
ROSC	Ei Rosal	70.34	312	LR	LR	13 30 20.7		
comp=Z,165nm,19.8s,baz=216,slow=37								
SDV	Santo Domingo	72.51	317	P	P	12 58 00.6	0.0	
SDV					IAMB	12 58 07.4		
comp=Z,14nm,1.1s								
KOWA	Kowa	72.85	26	LR	LR	13 26 46.0		
comp=Z,71nm,18.1s,baz=205,slow=33								
MBAR	Mbarara	73.10	65	P	P	12 58 04.2	+0.1	
TOAO	Torodi Ar. Sit	73.15	32	P	P	12 58 04.4	+0.4	
TORD	Torodi Ar. Bea	73.15	32	P	P	12 58 04.3	+0.2	
TORD					LR	13 24 04.6		
comp=Z,1.4nm,0.4s,baz=199,slow=6.4,SNR=11								
TORD					LR	13 24 04.6		
comp=Z,153nm,20.2s,baz=205,slow=31								
MDT	Midelt	90.38	21	LR	LR	13 36 15.6		
comp=Z,118nm,19.3s,baz=222,slow=33								
STKA	Stephens Creek	92.83	173	LR	LR	13 38 42.5		
comp=Z,240nm,21.8s,baz=206,slow=34								
FINES	FINES Array B	124.41	29	PKP	PKP	13 05 31.9	+0.5	
CMAR	Chiang Mai Arr	126.64	112	PKP	PKP	13 05 36.5	-0.2	
KSH	Kashi	129.74	76	PKP	PKP	13 05 40.1	-2.1	
ARCES	ARCES Array B	130.80	22	PKP	PKP	13 05 42.8	-0.3	
YKA	Yellowknife Arr	134.69	319	PKP	PKP	13 05 46.8		
YKA					PKP	13 05 51.1	+0.6	
comp=Z,0.4nm,0.6s,baz=116,slow=3.2,SNR=12								
BVAR	Borovoye Array	135.58	58	PKP	PKP	13 05 52.7	+0.2	
comp=Z,0.5nm,0.8s,baz=95,slow=1.7,SNR=2.8								
MKAR	Mkanochi Array	138.00	72	PKP	PKP	13 05 56.7	0.0	
comp=Z,0.6nm,0.8s,baz=173,slow=1.3,SNR=4.2								
KURSB	Kurchatov Arra	138.27	65	PKP	PKP	13 05 57.6	0.0	
comp=Z,0.4nm,0.7s,baz=232,slow=3.7,SNR=4.2								
WMQ	Urumqi	139.15	79	ePKP	PKP	13 06 01.5	-0.3	
CD2	Chenduo	139.22	107	PKP	PKP	13 06 00.1		
LZH	Lanzhou	143.13	102	ePKP	PKP	13 06 07.9	+0.8	
ZALV	Zalesovo Beam	143.31	64	PKP	PKP	13 06 04.5	+0.7	
comp=Z,1.0nm,0.5s,baz=250,slow=4.3,SNR=3.5								
NJ2	Nanjing	147.92	123	ePKP	PKP	13 06 14.9	-0.3	
ILAR	Eielson Array	148.58	313	PKP	PKP	13 06 19.2	+0.2	
comp=Z,4.9nm,0.6s,baz=124,slow=1.7,SNR=66								
HHC	Hu-ho-hao-te	150.78	103	ePKP	PKP	13 06 20.0	+0.4	
HHC					AMB	13 06 27.3	-0.8	
comp=Z,180nm,6.9s								
SONM	Songino Array	152.09	87	PKP	PKP	13 06 27.3	-0.8	
comp=Z,1.4nm,0.7s,baz=226,slow=4.8,SNR=4.4								

BYKL 07 12:54:52.6:0.2,56:12N×113.74E,h4km,4km, East of Lake Baykal

Code	Station Name	Δ°	AZ°	Phase	ISC	Time	Res	ISC
SVKR	Severomuyusk	0.10	268	eP	Pg	12 54 54.9	+0.2	
SVKR					Sg	12 54 56.9	+0.8	
UKT	Ukai	0.64	186	eP	Pg	12 55 04.0	-0.8	
UKT					Sg	12 55 11.8	-1.2	
comp=Z,30nm,0.5s								
UKT					Smax			
460nm,0.5s								
NLYR	Nelyaty	1.16	70	eP	Pg	12 55 13.7	-1.0	
NLYR					Sg	12 55 28.5	-1.2	
148nm,0.3s								
NLYR					Smax			
882nm,0.8s								
KMO	Kumora	1.45	262	eP	Pn	12 55 19.2	-0.3	
KMO					Pg	12 55 20.8	+0.5	
KMO					Sb	12 55 37.6	-1.2	
78nm,0.4s								
KMO					Smax			
1μm,1.0s								
BOD	Bodaibo	1.71	5	eP	Pn	12 55 23.4	+0.3	
BOD					Sb	12 55 44.8	-0.6	
20nm,0.2s								
BOD					Fmax			
141nm,0.5s								
YLVR	Ulyunkhan	1.93	231	eP	Pb	12 55 27.4	-0.8	
YLVR					Sb	12 55 51.9	-0.7	
24nm,0.4s								
YLVR					Smax			

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TUP	234nm,1.2s	Tupik	3.94	113	ePn	Pn	12 55 54.3	+0.5
<p><i>BJI 07 12:54:56.0:0.0,56:10N×113:80E,h10km,mb3.8/3</i> <i>MOS 07 12:54:57.6:1.5,56:10N×113:83E,h7km,mb4.1/5,Error ellipse: s-maj=9.8km s-min=6.0km az=73.6</i> <i>MOS Fell (H-II) at Severomuyusk.</i> <i>BYKL 07 12:54:59.3:0.1,56:13N×113:74E,h4km,2km, FELT</i> <i>I=III MSK at Severomuyusk.</i> <i>IDC 07 12:54:59.3:0.8,56:19N×113:77E,h0km,mb3.6/10,mb1.3/9/14,mb1mx3.6/64,mbmp3.7/14,ML3.5/3,MS3.5/5,Ms1.5/5,ms1mx3.0/44,Error ellipse: s-maj=23.1km s-min=16.4km az=163.0</i> <i>ISC 07 12:54:59.9:0.5,56:16N×10:02:113.78E,0:02,h10km,n87,az=277/151,mb3.8/11,MS3.3/5,10C-11D,East of Lake Baykal</i></p>								
Code	Station Name	Δ°	AZ°	Phase	ISC	Time	Res	ISC
SVKR	Severomuyusk	0.13	252	eP	Pg	12 55 01.3	-1.8	
SVKR					Sg	12 55 01.9		
9μm,0.2s								
SVKR					Sg	12 55 03.2	-2.0	
SVKR					Smax	12 55 03.6		
157μm,0.4s								
SVKR	Severomuyusk	0.13	252	eP	Pg	12 55 01.2	-1.8	
SVKR					Sg	12 55 02.9	-2.3	
UKT	Ukai	0.68	187	eP	Pg	12 55 10.7	+2.3	
UKT					Sg	12 55 11.2		
325nm,0.3s								
UKT					Sg	12 55 19.0	-2.9	
UKT					Smax	12 55 27.3		
UKT					Sg	12 55 10.8	-2.3	
UKT					Sb	12 55 19.5	-2.4	
NLYR	Nelyaty	1.12	72	eP	Pn	12 55 20.0	-1.4	
NLYR					Sb	12 55 22.4	+0.7	
NLYR					max	12 55 23.9		
2μm,0.4s								
NLYR					Sb	12 55 35.0	-1.1	
NLYR					max	12 55 40.2		
NLYR					max	12 55 41.1		

Table with columns: ZAK, comp, Z, 14nm, 1.3s, e, 12.57 35.6, eSg, Smax, Sg, 12.59 22.9 -11, 12.59 56.5, etc.

Table with columns: KMO, 444nm, 1.5s, Pmax, 1.44 261, eP, Pn, 12.56 10.5 -1.7, 12.56 30.3 -1.0, etc.

IDC 07 12:55:47.17, 6.6, 6.93S, 146.69E, h121km, 77km, mb3.0/2, mb1 3.1/4, mb1mx2.9/37, mbtmzp3.4/4, Error ellipse: s-maj=116.8km s-min=50.5km az=140.0, Eastern New Guinea region

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

BYKL 07 12:56:52.0, 5.5, 5.611N x 113.84E, East of Lake Baykal

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

NNC 07 13:30:43.5, 9.3, 37.41N, 69.05E, h0km, mb3.9, mpv3.3, 3C-2D, Error ellipse: s-maj=99.1km s-min=48.4km az=159.0, Afghanistan-Tajikistan border region

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

SJA 07 13:34:56.8, 1.0, 6.32, 91S, 72.13W, h13km, 3km, ML4.1, MW4.0

IDC 07 13:34:56.8, 1.1, 32.69S, 71.61W, h0km, mb4.0/6, mb1 4.1/9, mb1mx4.0/28, mbtmzp3.9/9, ML4.2/3, MS3.1/2, Ms1 3.0/2, ms1mx2.8/17, Error ellipse: s-maj=31.6km s-min=24.0km az=93.0

NEIC 07 13:34:59.7, 32.80S, 71.81W, h37km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:78; Mss:0.22; Mss-1.00; Mm-0.30; Mss-0.26; Mm-0.40; Fault plane solution: Ms1:0.7000x10^19 NP1:0.352, 10000; Ms2:0.81000; Ms3:0.96000; NFP2:207, 26000; 660, 38000; 1, 09, 19000; Principal axes: T:0.9531, Plg68, 0000; Azm156.0000; N:0.2083, Plg17, 0000; Azm17.0000; P:1.1614, Plg13, 0000; Azm283, 0000;

NEIC 07 13:35:00.5, 2.0, 32.78S, 0.05, 71.77W, h0.08, h28km, 5km, mb4.6/10, Mw1.0/19, ML4.2(GUC) Error ellipse: s-maj=9.9km s-min=6.7km az=80.0

GUC 07 13:35:01.6, 0.6, 32.79S, 71.69W, h20km, 13km, ML4.2

ISC 07 13:34:57.5, 1.4, 32.72S, 0.03, 71.91W, h0.04, h7km, 8km, n94, az175/106, mb4.3/10, 1C-4D, Near coast of central Chile

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

Main table with columns: PEL, comp, E, 15um, 0.2s, 1.11 113, eP, Pn, 13.35 18.2 -0.8, 13.35 31.1 -2.6, 13.35 33.4, etc.

7d 14h

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

IDC 07 14:39:10.2-8.1, 6:10S; 146.78E, h66km, mb2.5/1, mb1 3.1/3, mb1mx2.9/34, mbtmpp3.1/3, ML2.9/1, Error ellipse: s-maj=66.3km s-min=54.1km az=115.0, Eastern New Guinea region

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

IDC 07 14:02:04.6: 1.5, 5:75S; 146.86E, h0km, mb3.5/3, mb1 3.0/5, mb1mx3.5/32, mbtmpp3.5/5, ML2.7/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/23, Error ellipse: s-maj=57.6km s-min=25.5km az=118.0

NEIC 07 14:02:09.0: 1.8, 5:87S; 0.09:146.85E:0.07, h35km, mb2km, mb4.5/10, Error ellipse: s-maj=17.5km s-min=8.7km az=30.0

ISC 07 14:02:13.3: 1.0, 6:05S; 0.10:146.8E:0.1, h8km, n17, c0759/18, mb4.6/4, Eastern New Guinea region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, LHI Lord Howe Isla, MYLDM Lahad Datu, etc.

SOF 07 14:12:27.8, 42.46N:21.70E, h5km, MD2.7, SKO 07 14:12:29.6, 42.34N:21.79E, h14km, BEO 07 14:12:29.8: 0.4, 42.43N:21.72E, h0km, ML2.3/1

ISC 07 14:12:29.2: 1.1, 42.43N:0.02:21.79E, h0km, n10km, n34, c084/59, 13C-10D, Northwestern Balcin Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GJK Gijilan, BOSS Bosilegrad, SKO Skopje, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STIP Stip, ZAPS Zavojo, VTS Vitoshia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KVB Krupnik, BOVS Bovan, ZAGS Zajecar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRU Griva, GRUS Gruza, IVAS Ivanjica, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HERR Trebinje, TREB Trebinje, TEKS Tekeris, etc.

NEIC 07 14:26:20.6: 1.9, 6:02S; 0.08:146.73E:0.09, h40km, 7km, mb4.6/14, Error ellipse: s-maj=12.7km s-min=10.8km az=123.0

IDC 07 14:26:22.4: 3.8, 6:09S; 146.74E, h53km, 35km, mb3.5/7, mb1 3.8/11, mb1mx3.7/29, mbtmpp3.9/11, ML3.7/3, MS2.8/5, Ms1 2.8/5, ms1mx2.6/29, Error ellipse: s-maj=30.2km s-min=22.7km az=71.0

ISC 07 14:26:21.8: 0.5, 6:06S; 0.07:146.73E:0.09, h52km, n37, c076/36, mb4.0/12, Eastern New Guinea region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, WBO Warramunga Arr, WBO Warramunga Arr, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, YOY Yonaguni jima, NWAO Narragin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai, CHTO Chiang Mai, HIA Hailar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHU Kahuku, SONM Songo Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Arr, TORD Torodi Arr, KIC Kosan Boka, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songo Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

IDC 07 14:43:01.5: 1.5, 71.23N:3.49W, h0km, mb3.4/5, mb1 3.7/9, mb1mx3.4/62, mbtmpp3.6/9, ML2.9/3, MS3.4/14, Ms1 3.4/14, ms1mx3.2/43, Error ellipse: s-maj=36.0km s-min=18.1km az=38.0

BER 07 14:43:03.7: 2.4, 71.47N:4.16W, h10km, ML1.8, DNK 07 14:43:11.2: 3.5, 72.27N:4.55W, h0km, 8gkm, ML2.4

ISC 07 14:43:00.8: 1.0, 71.5N:0.1:4.28W, h10km, n38, c206/29, mb3.4/5, MS3.3/11, Jan Mayen Island region

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIF Kijitojari, KTKI Kaitakeino, ARAO ARCESS Array S, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, FINES FINESSE Array B, FINES FINESSE Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES GERESSE Array B, VRAC Vranov, FRB Frobisar Bay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAVOX Davos/Dimitoli, AKASO Malin Array B, BELG Belogorovye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLC Muntele Rosa, ESDR Sonseca Array, BRTR Keskin Array B, etc.

MOS 07 14:45:32.5: 0.9, 6:05S; 146.60E, h30km, mb5.2/41, Error ellipse: s-maj=9.9km s-min=6.0km az=108.2

BUI 07 14:45:33.1: 0.0, 6:16S; 147.04E, h54km, MB5.2/32, mb4.9/58, Ms5.0/24, Ms7.4/26

NEIC 07 14:45:36.4: 2.0, 6:12S; 0.06:146.69E:0.07, h53km, 5km, mb5.1/107, Error ellipse: s-maj=9.4km s-min=8.5km az=94.0

IDC 07 14:45:38.3: 1.3, 6:13S; 146.71E, h63km, mb4.4/24, mb1 4.6/31, mb1mx4.4/49, mbtmpp4.7/31, MS4.2/22, Ms1 4.2/22, ms1mx4.1/38, Error ellipse: s-maj=13.3km s-min=7.9km az=93.0

NOU 07 14:45:38.9: 0.03S; 146.54E, h66km, mb5.0, Eastern New Guinea region

GCMT 07 14:45:38.4: 0.2, 6:03S; 0.01:146.67E:0.02, h38km, MW5.0/73, Moment Tensor Solution. s69.c93; s73.c112; Duration: 0 Moment tensor: Scale 1016Nm; Mr4.05t16; Mw=4.32t10; Mw0.26t11; Mw1-1.39t10; Mw0-0.18t9; Mw-0.28t12; Best double couple: M1.42300x1016; NP1: 0.91.00000; 0.836.00000; 1.95.00000; NP2: 0.265.00000; 0.854.00000; 1.86.00000; Principal axes: T 4.2910, P1g0.0000; Azim158.0000; N 0.2930; P1g3.0000; Azim267.0000; P 4.5550, P1g9.0000; Azim357.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 07 14:45:43.3: 0.4, 6:54:4.12W, h93km, 39km, Ms1.1/6, mb5.0/5, MB5.3/4, MLV.14/7, Mw(B)4.7/Mw(Mw)5.0/2, Mwps.3/2

ISC 07 14:45:36.6: 0.3, 6:12S; 0.04:146.62E:0.05, h52km, n381, c1938/376, mb5.0/133, MS4.4/27, 8C-9D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LUWI, STKA, PSAO, SCLB, WHNS, KSRS, etc.

TAP 07 14:52:48.1, 24.27N, 121.67E, h28km, ML2.0, 2C, C,

Main table for TAP 07 14:52:48.1, 24.27N, 121.67E, h28km, ML2.0, 2C, C, listing various stations and their coordinates.

ICD 07 14:56:53.3, 4.9, 11.105x164.78E, h37km, 39km, mb4.0/7, mb1 4.2/10, mb1mx3.8/41, mbtpm4.2/10, ML2.3, MS3.6/2, Ms 1.3/6.2, ms1mx2.9/35, Error ellipse: s-maj=31.4km s-min=24.1km az=110.0

NEIC 07 14:56:53.2, 1.1, 11.145S, 0.10, 164.74E, 0.04, h35km, 8km, mb4.5/12, Error ellipse: s-maj=14.7km s-min=5.0km az=192.0

ISC 07 14:56:52.4, 0.6, 11.165S, 0.08, 164.78E, 0.09, h31km, n32, 0.998/30, mb4.4/13, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM, KRVT, MSFV, PMSV, CTA, COEN, H1S2, H1S3, H1S1, BKZ, WR0, WBO, WB2, WRA, TOO, ASAR, FAKI, FITZ, JCU, MJAR, JNU, USA0B, USR, ULN, SONM, GSPA, ILAR, MKAR, etc.

NOU 07 14:57:17.8, 43.06S, 171.34E, h0km, MLV3.9, South Island, New Zealand

WEL 07 14:57:17.5, 0.3, 43.3, 171.1E, h5km, M3.4/19, ML3.6/19, MLV3.4/19, Error ellipse: s-maj=0.0km az=156.8, South Island

Main table for NOU 07 14:57:17.8, 43.06S, 171.34E, h0km, MLV3.9, South Island, New Zealand, listing various stations and their coordinates.

ISC 07 15:12:36.4, 3.3, 6.02S, 146.98E, h0km, mb2.8/1, mb1 3.2/3, mb1mx3.2/32, mbmtm3.1/3, ML3.0/1, Error ellipse: s-maj=87.5km s-min=35.0km az=85.0, Eastern New Guinea region

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

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

BYKL 07 15:57:17.4, 0.1, 56.13N, 113.73E, h1km, 3gkm, 2C-4D, East of Lake Baykal

Main table for BYKL 07 15:57:17.4, 0.1, 56.13N, 113.73E, h1km, 3gkm, 2C-4D, East of Lake Baykal, listing various stations and their coordinates.

BYKL 07 15:58:00.3, 0.5, 56.14N, 113.73E, 1D, East of Lake Baykal

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

Table with columns: Station Name, Time, Res, and various status indicators. Includes stations like CM36 Chiang Mai Arr, PAYA Payao, TLY Talaya, SUKH Sukhothai, KMI Kunming, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like WRAB Candoni, Negro, ASAR Alice Springs, MAN 07 16:27:44, NEIC 07 16:27:53, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like GLB Verde Repeater, VRI Toolik Lake Re, BARN Bernard Glacie, CTGM Chitina Glacie, etc.

VITMR	Vitim	3.34 349	ePn	Pn	20 34 25.6	+0.8
VITMR			ePb	Pb	20 34 33.1	+1.3
VITMR			eSn	Sb	20 35 05.0	+0.5
VITMR			eSb	Sb	20 35 16.8	+4.3
SVYR	Suvo	3.35 223	l/Pn	Pn	20 34 24.2	-0.7
SVYR			ePb	Pb	20 34 30.6	+1.3
SVYR			ePg	Pg	20 34 34.8	-1.8
SVYR			ePmax		20 34 35.2	
SVYR	comp=E,352nm,1.0s		e		20 34 37.1	
SVYR			eSn	Sn	20 35 03.0	-1.7
SVYR			eSb	Sb	20 35 13.3	+0.6
SVYR			eSg	Sg	20 35 19.9	-0.1
SVYR			eSmax		20 35 25.0	
SVYR	comp=E,2um,1.3s		e		20 34 24.1	-0.8
SVYR			ePn	Pn	20 34 30.3	
SVYR			e		20 35 12.8	
SVYR	comp=Z,356nm,1.0s		e			
SVYR			ePmax	Pmax		
TUP	Tupik	3.92 114	l/Pn	Pn	20 34 32.7	-0.1
TUP			ePg	Pg	20 34 43.1	+1.4
TUP			ePmax		20 34 49.4	
TUP	comp=N,117nm,0.7s		eSn	Sn	20 35 18.3	-0.6
TUP			eSg	Sg	20 35 34.3	-4.1
TUP			eSmax		20 35 39.0	
TUP	comp=N,1um,1.1s		ePn	Pn	20 34 32.9	+0.1
TUP			eS	Sn	20 34 42.8	
TUP			e		20 35 18.7	-0.2
TUP			e		20 35 34.4	
TUP	comp=Z,117nm,0.7s		e			
TUP			ePmax	Pmax		
TUP	comp=N,1um,1.1s		e			
TUP			eSmax	Smax		
MXMB	Maximikha	4.14 227	ePn	Pn	20 34 35.8	0.0
MXMB			ePg	Pg	20 34 45.6	+0.2
MXMB			eSb	Sb	20 35 21.6	+2.5
MXMB			eSg	Sg	20 35 38.0	+2.5
CIT	Chita	4.17 182	ePg	Pg	20 34 45.8	-0.1
CIT			ePmax		20 34 46.9	
CIT	comp=N,166nm,0.3s		eSg	Sb	20 35 38.2	+2.0
CIT			eSmax		20 35 54.8	
CIT	comp=N,1um,1.1s		ePn	Pn	20 34 32.5	-3.6
CIT			eS	Sn	20 34 44.6	
CIT			e		20 35 20.7	-4.2
CIT			e		20 35 36.9	
CIT	comp=Z,196nm,1.0s		e			
CIT			ePmax	Pmax		
CIT	comp=E,2um,1.7s		e			
YKLR	Yuktali	4.38 81	ePn	Pn	20 34 39.5	+0.5
YKLR			ePg	Pg	20 34 50.8	+1.3
YKLR			eSn	Sn	20 35 30.0	0.0
YKLR			eSg	Sg	20 35 48.8	-4.2
OGRR	Ongureny	4.39 237	ePn	Pn	20 34 39.6	+0.3
OGRR			ePg	Pg	20 34 49.8	0.0
OGRR			e		20 34 51.8	
OGRR			e		20 34 52.9	
OGRR	comp=E,171nm,1.3s		eSn	Sn	20 35 27.4	-3.1
OGRR			eSb	Sb	20 35 35.5	+2.7
OGRR			eSg	Sg	20 35 50.0	
OGRR	comp=E,439nm,0.4s		e		20 35 45.1	
OGRR			e			
OGRR	comp=Z,171nm,1.2s		e			
OGRR			ePmax	Pmax		
OGRR	comp=N,618nm,1.5s		e			
OGRR			ePmax	Pmax		
ZRHb	Zarechye	5.32 230	ePg	Pb	20 35 06.9	+1.4
ZRHb			ePmax		20 35 11.6	
ZRHb	comp=N,184nm,1.3s		eSg	Sb	20 36 14.3	+4.9
ZRHb			eSmax		20 36 36.6	
TRG	Tyrgan	5.54 235	ePn	Pn	20 34 54.7	-0.3
TRG			ePg	Pg	20 35 05.1	
TRG			ePb	Pb	20 35 10.0	+0.8
TRG			ePmax		20 35 17.0	
TRG	comp=N,77nm,1.5s		eSn	Sn	20 35 54.7	-3.9
TRG			eSg	Sb	20 36 19.9	+4.3
TRG			eSmax		20 36 35.2	
TRG	comp=N,354nm,1.2s		ePn	Pn	20 34 51.3	-3.7
TRG			eS	Sn	20 35 07.5	
TRG			e		20 35 52.2	-6.4
TRG			e		20 36 18.7	
TRG	comp=Z,77nm,1.6s		e			
TRG			ePmax	Pmax		
TRG	comp=E,351nm,1.0s		e			
TRG			ePmax	Pmax		
FFNB	Fotonovo	5.86 228	ePn	Pn	20 34 58.5	-0.8
FFNB			ePg	Pg	20 35 15.4	+0.8
FFNB			eSb	Sb	20 36 29.9	+5.0
KAB	Kabansk	5.90 229	ePg	Pb	20 35 18.8	+3.4
KAB			e		20 35 32.8	
KAB	comp=E,201nm,1.1s		eSg	Sb	20 36 31.8	+5.8
KAB			eSmax		20 37 05.1	
HRMR	Khuramsha	6.10 225	ePn	Pn	20 35 01.9	-0.7
HRMR			ePg	Pg	20 35 20.4	+1.7
HRMR			ePmax		20 35 23.7	
HRMR	comp=E,123nm,0.6s		eSn	Sn	20 36 08.2	-4.2
HRMR			eSb	Sb	20 36 38.8	+7.1
HRMR			eSg	Sg	20 36 52.4	
IENR	Iengra	6.17 85	eSg	Sg	20 36 43.6	-6.6
BGT	Bolshoye Golou	6.45 234	ePg	Pb	20 35 07.5	+0.1
BGT			ePg	Pb	20 35 26.6	+1.9
BGT			ePmax		20 35 28.7	
BGT	comp=E,28nm,0.9s		eSg	Sb	20 36 49.0	+7.3
BGT			eSmax		20 37 02.5	
KPC	Khapcheranga	6.54 188	ePn	Pn	20 35 07.3	-1.5
KPC			ePg	Pb	20 35 28.6	+2.3
KPC			ePmax		20 35 36.0	
KPC	comp=E,24nm,0.8s		eSn	Sn	20 36 18.9	-4.5
KPC			eSg	Sb	20 36 51.9	+7.4
KPC			e		20 37 07.1	
KPC			e		20 37 09.5	
KPC	comp=E,855nm,1.3s		e			
KPC			ePmax	Pmax		
KPC	comp=Z,33nm,0.5s		e			
KPC			ePmax	Pmax		
LSTR	Listvyanka	6.83 235	e	Pb	20 35 26.3	-4.8
LSTR			e		20 35 34.7	
LSTR	comp=E,29nm,1.4s		eSg	Sb	20 37 00.3	+7.7
LSTR			eSmax		20 37 08.7	
IRK	irkutske	6.84 239	ePg	Pb	20 35 32.7	+1.3
IRK			ePmax		20 36 58.6	
IRK	comp=Z,47nm,0.1s		e			
IRK			ePmax	Pmax		
TLY	Talaya	7.50 237	ePn	Pn	20 35 21.1	-0.8
TLY			ePg	Pb	20 35 46.5	+3.9
TLY			ePmax		20 35 50.9	
TLY	comp=E,19nm,1.0s		e		20 36 51.7	
TLY			e		20 37 16.2	
TLY			eSg	Sb	20 37 21.6	+1.0
TLY			eSmax		20 37 39.8	
TLY	comp=E,181nm,1.1s		ePg	Pb	20 35 46.5	+3.9
TLY			e		20 37 19.2	

TYL	comp=Z,22nm,0.5s		ePmax	Pmax		
ARS	Arshan	7.94 242	ePn	Pn	20 35 27.8	-0.2
ARS			ePg	Pb	20 35 53.5	+3.3
ARS			ePmax		20 35 55.1	
ARS	comp=Z,29nm,0.9s		e		20 37 29.9	
ARS			eSg	Sb	20 37 34.2	+9.5
ARS			eSmax		20 37 38.6	
ARS	comp=Z,620nm,0.8s		ePn	Pn	20 35 28.5	+0.5
ARS			e		20 35 51.6	
ARS			e		20 37 32.6	
ARS	comp=Z,29nm,0.8s		e			
ARS			ePmax	Pmax		
ARS	comp=E,618nm,0.8s		e			
ARS			ePmax	Pmax		
ZEA	Zeya	8.11 102	ePn	Pn	20 35 35.0	+4.8
ZEA			eS	Sn	20 35 58.5	
ZEA			e		20 37 06.9	+5.1
ZEA			e		20 37 46.9	
ZEA	comp=Z,10.0nm,0.7s		e			
ZEA			ePmax	Pmax		
ZEA	comp=E,70nm,0.9s		e			
ZEA			ePmax	Pmax		
ZEA	comp=N,170nm,1.0s		e			
ZEA			ePmax	Pmax		
ZAK	Zakamensk	8.57 232	ePn	Pn	20 35 37.6	+1.0
ZAK			ePg	Pg	20 36 06.3	-1.0
ZAK			ePmax		20 36 17.3	
ZAK	comp=Z,15nm,1.0s		eSg	Sg	20 37 55.2	-1.2
ZAK			eSmax		20 38 14.1	
ZAK	comp=Z,280nm,1.4s		ePn	Pn	20 35 39.3	+2.7
ZAK			ePmax	Pmax	20 37 57.1	
ZAK	comp=Z,14nm,1.1s		e			
ZAK			ePmax	Pmax		
ZAK	comp=N,281nm,1.3s		e			
ZAK			ePmax	Pmax		
MOY	Monday	8.81 245	ePn	Pn	20 35 40.6	+0.7
MOY			e		20 35 52.9	
MOY			e		20 35 53.6	
MOY	comp=N,51nm,1.0s		eSn	Sn	20 37 13.8	-5.4
MOY			eSg	Sg	20 38 02.1	-1.3
MOY			eSmax		20 38 25.9	
MOY	comp=N,373nm,1.9s		ePn	Pn	20 35 40.0	+0.1
MOY			e		20 36 10.0	
MOY			e		20 38 01.9	
MOY	comp=Z,42nm,1.4s		e			
MOY			ePmax	Pmax		
MOY	comp=N,372nm,1.6s		e			
MOY			ePmax	Pmax		
ORL	Orlik	8.95 252	ePn	Pn	20 35 42.1	+0.3
ORL			e		20 35 50.2	
ORL			ePg	Pg	20 36 12.4	-1.1
ORL			ePmax		20 36 31.4	
ORL	comp=N,31nm,1.3s		eSn	Sn	20 37 16.9	-5.8
ORL			eSg	Sg	20 38 05.8	-1.4
ORL			eSmax		20 38 33.4	
ORL	comp=N,158nm,2.0s		ePn	Pn	20 35 41.7	-0.1
ORL			eS	Sn	20 36 12.4	
ORL			e		20 37 18.3	-4.4
ORL			e		20 38 05.5	
ORL	comp=Z,35nm,1.0s		e			
ORL			ePmax	Pmax		
ULN	Ulanbatai	9.30 209	ePn	Pn	20 35 46.1	-0.6
SONM	Songino Array	9.52 212	ePn	Pn	20 35 48.9	-0.8
SONM	comp=E,0.2nm,0.3s,baz=25,slow=13,SNR=7.6		Lg		20 38 27.8	
YAK	Yakutsk	10.03 48	Lg	Lg	20 38 44.8	
YAK	comp=E,0.1nm,0.3s,baz=30,slow=15,SNR=7.8		LR		20 39 49.9	
YAK	comp=E,171nm,18.4s,baz=270,slow=38		LR			
YAK	Yakutsk	10.03 48	Lg	Lg	20 35 59.4	+2.9
YAK			ePmax	Pmax		
KLR	Kul'dur	12.88 115	Pn	Pn	20 36 35.1	-0.4
KLR	comp=Z,0.2nm,0.3s,baz=30,slow=12,SNR=8.5		Lg		20 40 15.7	
KLR	comp=Z,0.2nm,0.3s,baz=36,slow=22,SNR=6.6		LR		20 41 22.7	
KLR	comp=Z,32nm,19.8s,baz=320,slow=37		LR			
KLR	Kul'dur	12.88 115	ePn	Pn	20 36 38.3	+2.8
KLR			ePmax	Pmax		
KLR	comp=Z,22nm,2.8s		MLR	MLR		
USRK	Ussuriysk Ar.	16.64 128	Lg	Lg	20 42 14.6	
ZALV	Zalesovo Beam	16.70 274	Pn	Pn	20 37 26.0	-0.4
ZALV	comp=Z,0.1nm,0.3s,baz=70,slow=13,SNR=5.1		Lg		20 42 17.6	
ZALV	comp=Z,0.1nm,0.3s,baz=86,slow=26,SNR=6.7		Lg		20 42 17.6	
TIXI	Tiksi	17.10 171	ePn	Pn	20 37 24.3	-3.0
DGZ	Jazator, Alta	17.10 259	ePn	Pn	20 37 30.5	-1.1
NRK	Noril'sk	17.63 329	ePn	Pn	20 37 37.7	-0.2
NRK	comp=Z,1.0nm,0.3s,baz=57,slow=5.6,SNR=5.7		LR		20 44 53.7	
NRK	comp=Z,244nm,18.1s,baz=149,slow=38		LR			
GAITA	Gaotai	19.16 215	ePn	Pn	20 37 55.9	-0.2
GAITA			eP	P	20 38 03.6	-0.4
GAITA			eP	P	20 45 57.2	+4.4
MA2	Magadan	19.77 65	LR	LR	20 45 57.2	+4

BRTR Keskin Array B 78.24 315 i P P 21 03 23.5 0.0
GERES GERES Array B 79.29 332 P P 21 03 28.4 -0.6

IDC 07 21:19:51.7:1.4, 13:21N:86:65W, h0km, mb3.4/4,
mb1 3.9/5, mb1mx3.6/39, mbtrmp3.5/8, ML3.1/1, Error
ellipse: s-maj=17.7km s-min=17.1km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JUCU, LCND, LACY, RANC, PACA, TECA, FAGO, COEG, LFRS, PAVA, LBRH, TGUS, TACO, JTS, TXAR, PDAR, NVAR, YKA.

IDC 07 21:28:39.5:1.3, 34:95N:24:58E, h0km, mb3.5/4,
mb1 3.6/8, mb1mx3.4/50, mbtrmp3.5/8, ML3.6/4, Error
ellipse: s-maj=27.7km s-min=9.1km az=134.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMBK, SIVA, ANOY, IDI, GVD, VAM, HRKL, IMM, NPS, ZKR, MHLA, VLI, BRTR, MMAL, AKASG, ESDC, TORD, MKAR, ZALV.

IDC 07 21:34:20.9:0.8, 4:73N:81:32W, h0km, mb3.8/9,
mb1 4.1/11, mb1mx3.9/34, mbtrmp3.9/11, ML3.2/5,
Ms1 3.2/5, ms1mx2.8/39, Error ellipse: s-maj=32.8km
s-min=19.6km az=55.0

ISC 07 21:34:21.8:0.6, 4:69N:0:05:81:27W, h10km, n44,
c141/45, mb3.9/9, South of Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAPC, AZU, PIZZ, PIZC, PTAC, UPAT, BCIP, BBAC, YOTC, PLMC, OTAV, CBOC, PCON, CAPC, DBBC, MARP, ANIL, HELL, ORTC, BERC, GATC, JTS, ROSC, CHIC, SDV, ATAH, TKAL, HOGE, SADO, PDAR, PLCA, ULM, ELK, YBH, YKA, ESDC, TORD, MKAR, ASAR, WRA, FITZ, CMAR.

JMA 07 21:51:06.4:0.1, 24:48N:122:39E, h71km, 1km, M2.1
TAP 07 21:51:06.1, 24:62N:122:39E, h71km, ML3.1, C
ISC 07 21:51:07.3:1.3, 24:58N:102:03:122:40E:0:02, h57km, 9gkm,
n85, c1500/163, 3D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWC, ENAH, ENAH, YOJ, YOJ, TWB1, NTC, ENA, ENA, ILA, ILA, TIPB, TIPB, TWE, TWE, NWF, NWF.

WFSB Wu-fen Shan 0.75 311 P Pn 21 51 21.7 -0.4
WFSB baz=309

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENTT, NDT, TNOU, TNOU, NACB, NACB, NWLT, NWLT, TWA, TWA, NHDH, NHDH, TWI, TWI, YHNB, YHNB, NNSB, NNSB, NNSH, NNSH, HWA, HWA, HWA, HWA, YM01, YM01, YM11, YM11, NSK, NSK, NSK, NSK, YM08, YM08, YM08, YM08, YM10, YM10, YM05, YM05, YM05, YM05, YM03, YM03, YM03, YM03, ANP, ANP, TWS1, TWS1, NTST, NTST, NTY, NTY, FUSS, FUSS, WHF, WHF, TWT, TWT, TWI, TWI, ESL, ESL, TDCB, TDCB, CHGB, CHGB, IRIF, IRIF, LIQB, LIQB, LIQB, LIQB, EGPH, EGPH, NSTT, NSTT, NSTT, NSTT, WHP, WHP, HGSD, HGSD, WPL, WPL, EHY, EHY, EHY, EHY, TWQ1, TWQ1, TWQ1, TWQ1, JKRS, JKRS, SMLT, SMLT, SMLT, SMLT.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Suanglung, Yu-hi, YULB, etc.

BUI 07 21:51:06.4+0.0, 6.20S:153.08E, h7km, mB5.2/27, mb4.9/45, Ms5.0/4, Ms7.4/8.2
NEIC 07 21:51:10.2+1.3, 6.23S:0.06E:152.68E:0.09, h10km, 1km, mb4.9/72, Error ellipse: s-maj=15.5km s-min=10.0km az=86.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Karavat, Rabaul, Port Moresby, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Mont Dzumac, Kakadu, Guam, QLP, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WMQ, WMO, WMC, WMO, etc.

7d 21h

NR1K	IAmb	IAmb	22 04 05.9
DZA	comp=Z,5.6nm,0.8s	87.91 313 eP	P 22 04 00.2 0.0
EPYK	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	88.01 22 P	P 22 04 01.4 +1.3
EPYK	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	88.01 22 P	P 22 04 00.8 +0.8
KK31	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	88.54 313 P	P 22 04 02.3 -0.8
DLBC	comp=Z,0.5nm,0.8s,baz=244,slow=6.1,SNR=3.7	88.64 31 P	P 22 04 03.0 -0.3
IUG	comp=Z,0.5nm,0.8s,baz=244,slow=6.1,SNR=3.7	88.73 312 eP	P 22 04 04.2 +0.1
O02D	comp=Z,0.5nm,0.8s,baz=244,slow=6.1,SNR=3.7	89.78 50 P	P 22 04 10.7 +1.6
INK	comp=Z,1.7nm,0.5s,baz=277,slow=5.0,SNR=10.0	89.81 21 P	P 22 04 08.1 -0.3
INK	comp=Z,2.24nm,19.2s,baz=126,slow=34	89.81 21 P	P 22 04 08.8 +0.4
INK	comp=Z,2.24nm,19.2s,baz=126,slow=34	89.81 21 P	P 22 04 18.8
BRVH	comp=Z,9.0nm,1.2s	90.07 48 P	P 22 04 10.3 0.0
YBK	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	90.39 323 P	P 22 04 10.8 -0.7
LHV	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	92.86 52 P	P 22 04 24.2 +1.0
LHV	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	92.86 52 P	P 22 04 28.6
NVAR	comp=Z,6.8nm,1.0s	93.03 52 P	P 22 04 24.9 +0.5
NVAR	comp=Z,3.3nm,0.8s,baz=254,slow=6.5,SNR=18	93.03 52 P	P 22 39 33.6
NV11	comp=Z,4.4nm,20.2s,baz=314,slow=31	93.15 52 P	P 22 04 24.9 +0.1
NV11	comp=Z,4.4nm,20.2s,baz=314,slow=31	93.15 52 P	P 22 04 39.6
HRA	comp=Z,7.5nm,1.3s	93.86 304 P	P 22 04 27.2 -1.0
PFO	comp=Z,2.1nm,0.7s,baz=251,slow=8.9,SNR=4.4	94.09 57 P	P 22 04 30.3 +1.0
NEW	comp=Z,2.1nm,0.7s,baz=251,slow=8.9,SNR=4.4	94.71 42 P	P 22 04 32.4 +0.8
R11A	comp=Z,2.1nm,0.7s,baz=251,slow=8.9,SNR=4.4	95.15 52 P	P 22 04 36.0 +1.9
YKA	comp=Z,0.7nm,0.7s,baz=270,slow=4.0,SNR=9.0	96.72 28 P	P 22 04 40.9 +0.5
YKA	comp=Z,0.7nm,0.7s,baz=270,slow=4.0,SNR=9.0	96.72 28 P	P 22 43 51.3
BOZ	comp=Z,7.8nm,21.2s,baz=0.0,slow=33	98.37 45 P	Pdf 22 04 49.7 +1.3
PDAR	comp=Z,7.5nm,20.9s,baz=310,slow=31	99.87 48 LR	LR 22 43 29.3
CELL	comp=Z,1.9nm,0.8s,baz=317,slow=1.1,SNR=3.3	124.05 331 ePKPdf	PKIKP 22 10 09.0 +0.2
GERES	comp=Z,1.9nm,0.8s,baz=317,slow=1.1,SNR=3.3	125.22 328 PKP	PKIKP 22 10 12.1 +0.8
CPUP	comp=Z,1.9nm,0.8s,baz=317,slow=1.1,SNR=3.3	136.45 139 PKP	PKPdf 22 10 32.6 -0.1
SDV	comp=Z,1.9nm,0.8s,baz=317,slow=1.1,SNR=3.3	136.97 84 PKPdf	PKPdf 22 10 34.5 +0.2
SIV	comp=Z,1.9nm,0.8s,baz=317,slow=1.1,SNR=3.3	139.93 124 PKP	PKPdf 22 10 39.2 -0.3
BDFB	comp=Z,7.3nm,0.7s,baz=219,slow=4.6,SNR=12	150.11 137 PKPbc	PKPbc 22 11 02.1 0.0
BDFB	comp=Z,7.3nm,0.7s,baz=219,slow=4.6,SNR=12	150.11 137 PKPbc	PKPbc 22 11 02.2 +0.2
TOAD	comp=Z,10.0nm,0.7s,baz=65,slow=2.6,SNR=34	150.64 286 PKPbc	PKPbc 22 11 02.4 -0.8
TORD	comp=Z,10.0nm,0.7s,baz=65,slow=2.6,SNR=34	150.64 286 PKPbc	PKPbc 22 11 02.4 -0.8
KOWA	comp=Z,3.3nm,0.5s,baz=59,slow=3.8,SNR=13	155.70 292 PKPab	PKPab 22 11 30.7 -0.7
KOWA	comp=Z,3.3nm,0.5s,baz=59,slow=3.8,SNR=13	155.70 292 PKPab	PKPab 22 11 31.2 -0.3

JMA 07 21:56:14.6:0.2,24:80N:121.91E,h93km,2km,M3.1
 TAP 07 21:56:16.1,24:79N:121.96E,h79km,ML4.2,B
 ISC 07 21:56:16.5:1.2,24:80N:0.03:121.98E:0.02,0.78h,87km,5km,
 n142,σ0s/92/251,19C-15D, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
NTC	Toucheng	0.14 292	Op	h m s	ISC 0.0
NTC	Toucheng		S	21 56 36.3	+0.2
TWB1	Santiao Chiao	0.21 311	iP	21 56 28.0	-0.1
TWB1	Santiao Chiao		iS	21 56 36.2	-0.3
ILA	ilan	0.21 261	iP	21 56 28.2	+0.2
ILA	ilan		iS	21 56 37.0	+0.5
TIPB	Shuangxi	0.22 321	iP	21 56 28.0	-0.2
TIPB	Shuangxi		iS	21 56 36.0	-0.8
TWC	Suao	0.22 211	iP	21 56 28.1	0.0
TWC	Suao		S	21 56 36.9	+0.3
TWE	Neicheng	0.29 254	iP	21 56 28.5	+0.1
TWE	Neicheng		eS	21 56 38.8	+1.5
NWF	Wu-fen Shan	0.32 327	iP	21 56 28.6	-0.2
NWF	Wu-fen Shan		iS	21 56 37.3	-0.5
WFSB	Wu-fen Shan	0.32 327	iP	21 56 28.6	-0.1
WFSB	Wu-fen Shan		iS	21 56 37.4	-0.2
ENAH	Nanao	0.38 203	iP	21 56 29.4	+0.4
ENAH	Nanao		eS	21 56 38.0	-0.2
TWA	Mucha	0.40 297	iP	21 56 29.0	-0.2
TWA	Mucha		iS	21 56 38.0	-0.6
ENTT	Nioudou	0.41 247	iP	21 56 29.6	+0.3
ENTT	Nioudou		S	21 56 40.0	+1.3
ENA	Nanao	0.43 210	P	21 56 29.8	+0.4
ENA	Nanao		S	21 56 40.8	+1.9
NWLT	Wulai	0.43 267	iP	21 56 29.4	-0.1
NWLT	Wulai		eS	21 56 39.1	+0.1
NHDH	Xindian Distri	0.44 292	iP	21 56 29.3	-0.2
NHDH	Xindian Distri		S	21 56 38.4	-0.7
NDT	Datong Townshi	0.47 245	iP	21 56 30.2	+0.5
NDT	Datong Townshi		eS	21 56 40.1	+0.6
TAP1	Taipei	0.47 300	eP	21 56 29.5	-0.3
TAP1	Taipei		eS	21 56 39.1	-0.5
TAP	Taipei	0.49 299	iP	21 56 29.8	-0.2
TAP	Taipei		eS	21 56 39.4	-0.4
YM01	YM01	0.51 313	iP	21 56 29.9	-0.3
YM01	YM01		eS	21 56 39.3	-0.9
YM11	YM11	0.52 315	iP	21 56 30.1	-0.1
YM11	YM11		eS	21 56 39.8	-0.6
YM10	YM10	0.52 313	iP	21 56 29.9	-0.3
YM10	YM10		eS	21 56 39.5	-0.9
YM05	YM05	0.52 314	iP	21 56 29.9	-0.4
YM05	YM05		eS	21 56 39.6	-0.9
YM08	YM08	0.52 318	iP	21 56 29.8	-0.5
YM08	YM08		eS	21 56 39.1	-1.3
YM03	YM03	0.55 314	eP	21 56 30.1	-0.4
YM03	YM03		eS	21 56 40.5	-0.4
YHNB	Yeheng	0.56 257	iP	21 56 30.7	0.0

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YHNB	eS	Sn	21 56 41.0 -0.2
ANP	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.56 313 eP	Pn 21 56 30.3 -0.4
ANP	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.56 313 eP	Pn 21 56 41.6 +0.4
NSK	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.57 258 iP	Pn 21 56 30.7 -0.1
NSK	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.57 258 eS	Sn 21 56 41.3 -0.1
TWY	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.58 324 eP	Pn 21 56 30.7 -0.1
TWY	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.58 324 eS	Sn 21 56 41.4 0.0
TWS1	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.59 301 iP	Pn 21 56 30.9 0.0
TWS1	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.59 301 eS	Sn 21 56 41.5 0.0
NSM	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.60 324 eP	Pn 21 56 30.8 -0.2
NSM	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.60 324 eS	Sn 21 56 42.0 +0.4
NTST	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.60 307 eP	Pn 21 56 31.0 0.0
NTST	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.60 307 eS	Sn 21 56 41.9 +0.3
NTY	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.65 288 eP	Pn 21 56 31.6 +0.2
NTY	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.65 288 eS	Sn 21 56 43.2 +0.7
NNSB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.65 236 iP	Pn 21 56 32.0 +0.4
NNSB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.65 236 eS	Sn 21 56 43.1 +0.3
NNSH	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.65 236 iP	Pn 21 56 32.2 +0.5
NNSH	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.65 236 eS	Sn 21 56 43.6 +0.8
NNS	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.66 237 iP	Pn 21 56 32.1 +0.4
NNS	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.66 237 eS	Sn 21 56 43.4 +0.5
NACB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.71 209 iP	Pn 21 56 31.5 -0.7
NACB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.71 209 eS	Sn 21 56 43.1 -0.6
NCU	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.74 283 iP	Pn 21 56 32.6 +0.2
NCU	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.74 283 iS	Sn 21 56 45.0 +0.8
NCU	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.74 283 P	Pn 21 56 32.5 +0.2
NCU	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.74 283 eS	Sn 21 56 45.0 +0.8
ETLH	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.74 217 iP	Pn 21 56 32.4 -0.2
ETLH	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.74 217 eS	Sn 21 56 44.3 -0.1
TWD	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.80 206 iP	Pn 21 56 32.4 -0.7
TWD	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.80 206 S	Sn 21 56 44.7 -0.6
PCYT	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.83 6 iP	Pn 21 56 33.5 0.0
PCYT	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.83 6 iP	Pn 21 56 47.0 +1.0
FUSS	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.86 231 iP	Pn 21 56 34.6 +0.6
FUSS	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.86 231 S	Sn 21 56 47.5 +0.4
HSN1	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.87 269 P	Pn 21 56 34.0 +0.1
HSN1	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.87 269 S	Sn 21 56 47.2 +0.4
HWA	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.89 203 eP	Pn 21 56 33.9 -0.2
HWA	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.89 203 eS	Sn 21 56 48.9 +1.8
LIOB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.89 260 iP	Pn 21 56 34.1 0.0
LIOB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.89 260 S	Sn 21 56 47.4 +0.2
SBCB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.90 270 iP	Pn 21 56 34.4 +0.1
SBCB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.90 270 S	Sn 21 56 47.7 +0.3
NSTT	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.90 259 iP	Pn 21 56 34.1 -0.1
NSTT	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.90 259 iS	Sn 21 56 47.4 0.0
TWT	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.91 233 iP	Pn 21 56 35.2 +0.7
TWT	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.91 233 iS	Sn 21 56 49.4 +1.4
HSN	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.92 270 iP	Pn 21 56 34.0 -0.3
HSN	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.92 270 S	Sn 21 56 47.1 -0.6
WHF	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.92 225 iP	Pn 21 56 34.9 0.0
WHF	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.92 225 eS	Sn 21 56 48.6 +0.1
TDCB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.92 234 iP	Pn 21 56 35.2 +0.6
TDCB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.92 234 S	Sn 21 56 48.9 +0.7
JYNG	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.95 111 P	Pn 21 56 34.7 -0.1
JYNG	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	0.95 111 eS	Sn 21 56 48.5 +0.1
YOJ	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	1.00 109 P	Pn 21 56 35.3 -0.1
YOJ	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	1.00 109 eS	Sn 21 56 50.3 +0.8
YOJ	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	1.00 109 eP	Pn 21 56 34.9 -0.5
YOJ	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	1.00 109 eS	Sn 21 56 48.9 -0.6
CHGB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	1.04 225 iP	Pn 21 56 36.5 +0.4
CHGB	comp=Z,0.5nm,0.3s,baz=317,slow=2.3,SNR=3.8	1.04 225 S	Sn 21 56 50.8 +0.1
WHP	comp=Z,0.		

7d 23h

Table with columns: YKA, KURK, MK31, MKAR, FINES, GERES, ASAR. Includes station names, coordinates, and various parameters like SNR, speed, and position.

NIED 07 22:57:54.0, 35:93N:141:14E, h20km, MW3.7, Moment Tensor Solution... s3 Moment tensor: Scale 10^14 Nm...

JMA 07 22:57:54.0, 0.2, 35:93N:141:14E, h20km, 2km, M4.3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CHOU, JHU, JHYU, etc.

AZER 07 23:00:55.4, 0.1, 39:29N:45:96E, h7km, m4.2/32, Error ellipse: s-maj=1.9km...

TIF 07 23:00:55.9, 39:33N:46:04E, h1km, 1km

NSPP 07 23:00:56.6, 39:32N:46:00E, h10km, Ms3.9

MOS 07 23:00:57.8, 1.2, 39:24N:45:99E, h11km, mb4.3/12, Error ellipse: s-maj=5.5km...

TEH 07 23:00:57.4, 39:33N:46:02E, h11km, ML4.1

IDC 07 23:00:58.1, 0.8, 39:40N:45:96E, h0km, mb4.0/21, mb1.4, 0/28, mb1mx3.9/50, mbtmp3.9/28, ML3.0/6, MS3.4/12, s-maj=3.4/12, ms1mx3.0/49, Error ellipse: s-maj=14.9km...

NEIC 07 23:00:59.0, 1.9, 39:31N:07:46E, 0.2E, h10km, 1km, mb4.1/33, Error ellipse: s-maj=13.3km...

DDA 07 23:00:58.4, 39:33N:45:84E, h2km, 1km, ML3.8

ISK 07 23:01:03.8, 39:32N:45:44E, h5km, ML3.9/12

ISC 07 23:01:05.1, 39:32N:0:02, 46.03E, 0.01, h1km, 7km, s-maj=15.58/398, mb4.2/50, MS3.3/8, 20C-20D, Iran-Armenia-Azerbaijan border region

Main table for station data in the left column, including codes like SBZ, ORD, QRD, etc., and station names like Shahbuz, Ordubad, etc.

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Main table for station data in the middle column, including codes like OZAP, METS, YRD, etc., and station names like Cilabad, Vanand, etc.

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Main table for station data in the right column, including codes like EATA, EATA, CUKT, etc., and station names like Cukurca, Siyaz, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like ITM, DZA, KIRV, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like MAKZ, DAVOX, DAVA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like GNI, GARNI, GEDABAY, etc.

PRU 07 23:03:57.3:0.0, 50°16'N x 19°02'E, h0km, Poland
Code Station Name A° AZ° Phase ID Time Res
MORC Moravsky Berou 1.03 249 ePg P 23 04 17.0 0.0

NSSP 07 23:16:08.9, 39°33'N:46°00'E, h10km, Ms3.4
AZER 07 23:16:08.2, 0.3, 39°32'N:46°06'E, h10km, 1km, ml3.6/32
Error ellipse: s-maj=1.5km s-min=0.9km az=347.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like ORD, SBZ, SBX, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like IML, IML, IML, etc.

8d 1h

Table with columns: KARS, MLAZ, CUKT, ATGJ, EATA, QUBA, QUBA, QUSAR, QUSAR, AKH, AKH, SIZA, BRNG, BRNG, PERV, PERV, PERV, SENK, EPOS, GUDG, GUDG, SRMT, SRMT, SRMT, ABS, ABS, PNSH, MUSH, DAGI, QSDN, QSDN, TKB, TKB, SVAN, KBZ, BRTR, GEYT, KIRV, BVAR, AAK, GERES, KURBB, MKAR, EKA, ESDC

IDC 07 23:17:41.9, 1.6, 6.46S, 147.29E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.5/50, mbtmp3.6/5, ML3.4/1, MS3.3/5, Ms1 3.3/5, ms1mx2.9/25, Error ellipse: s-maj=53.0km s-min=26.4km az=105.0

NEIC 07 23:17:47.1, 1.5, 6.5S, 0.1, 147.2E, 0.2, h36km, 4km, mb4.2/8, Error ellipse: s-maj=25.2km s-min=16.1km az=103.0

ISC 07 23:17:47.5-1.1, 6.54S, 0.10, 147.2E, 0.2, h35km, n17, c07B/14, mb3.9/4, Eastern New Guinea region

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

NNC 07 23:43:59.8, 0.5, 44.48N, 79.41E, h0km, mb4.1, mpv2.8, Error ellipse: s-maj=3.7km s-min=3.6km az=17.0

SOME 07 23:43:59.5, 1.1, 44.55N, 0.03, 79.48E, 0.04, h17km, gkm, n23, c077/45, 1C-1D, Eastern Kazakhstan

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

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

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

BUI 08 01:29:25.0, 0.0, 2.98S, 140.37E, h15km, mb5.1/8, mb4.8/18, MS5.0/1
IDC 08 01:29:29.1, 0.5, 2.41S, 139.91E, h0km, mb4.4/18, mb1 4.5/21, mb1mx4.3/45, mbtmp4.4/21, ML4.5/2, MS3.7/13, Ms1 3.7/13, ms1mx3.5/32, Error ellipse: s-maj=11.3km s-min=5.2km az=20.0
DJA 08 01:29:33.1, 0.6, 2.6S, 140.0E, h10km, 4km, M4.7/8, mb5.0/8, mb4.9/1, MLv4.6/5, Mw(mB)4.2/1
NEIC 08 01:29:33.5, 1.1, 2.62S, 0.09, 140.0E, 0.04, h37km, 7km, mb4.7/32, Error ellipse: s-maj=14.1km s-min=4.0km az=201.0
NOU 08 01:29:41.9, 2.89S, 139.58E, h53km, mb4.9, Near North Coast of Irian Jaya
ISC 08 01:29:34.0, 0.7, 2.54S, 0.06, 140.10E, 0.05, h37km, 2km,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GENI, JAY, JAY, WAM, SRPI, FAKI, SJI, PMG, KRVT, MTN, MTN, SOEI, SOEI, GTOI, WBO, WRO, WRO, WRAB, WB2, WRA, WRA, WRA, CTA, TTSI, FITZ, FITZ, FITZ, AS31, ASAR, ASAR, MYLDM, MYLDM, EIDS, MTKI, STKA, STKA, H1N1, H1N2, H1N3, KRJI, KRJI, UTHA, PAYA, CM04, CM09, CM01, CM05, CM02, CMAR, CM13, CMMT, USRK, URZ, RPZ, GTA, GTA, PETK, PETK, SONM, KHU, MK31, MK31, MKAR, MAKZ, NIL, ZAAO, ZAAO, ZALV, AAK, AAK, KURK, KURK, KURB, ARSB, KBL, KK31, KKAR, NRK, NRK, BVAR, BRVK, BRVK, MAW, RND, DHY.

Table with columns: DHY, CCB, CCB, IL31, IL31, ILAR, GEYT, ABKAR, ABKAR, CTGM, AKTO, KZ7K, ARU, INK, SYO, YKA, NVAR, NVAR, KEST, TORD, KIC, DBIC, TIC, LIC, CPUP, SIV, GUMU, GUMU, GUMU, H1S3, H1S1, H1S2, H1N1, MJAR, H1N2, H1N3, YULB, YULB, KRSR, KNRA, WBO, WRA, WRA, ASAR, DZM, CMAR, SONM, ZALV, MK31, MKAR, KURK, KURK, AAK, AAK, IAR, IAR, KK31, KK31, KKAR, YKA, NVAR, JMA, TAP, ISC, Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GUMU, GUMU, GUMU, H1S3, H1S1, H1S2, H1N1, MJAR, H1N2, H1N3, YULB, YULB, KRSR, KNRA, WBO, WRA, WRA, ASAR, DZM, CMAR, SONM, ZALV, MK31, MKAR, KURK, KURK, AAK, AAK, IAR, IAR, KK31, KK31, KKAR, YKA, NVAR, JMA, TAP, ISC, Code, Station Name, Az, Az', Phase, ID, Time, Res.

Table with columns: baz=311, ESL, HWA, HWA, TWD, TWD, LONT, LONT, TTN, TTN, ELDTW, ELDTW, NACB, NACB, NACB, TWGBT, TWGBT, YUS, YUS, ETLH, ETLH, CHGB, CHGB, WHF, WHF, SSSL, ENA, ENA, ENAH, ENAH, ALS, ALS, ECL, ECL, WHYT, STYT, STYT, FUSS, FUSS, LAY, SMLT, WPL, WPL, TDCB, TDCB, TYC, DPDB, TWC, TWC, NNS, NNS, CHN5, TPUB, TPUB, SLGT, SLGT, WTP, WTP, WJS, CHN4, CHN4, YOJ, YOJ, YOJ, SGST, TAW, TAW, EAST, NDT, SSD, TSMG, WNT, CHN1, ENT, ENT, ENT, WNT1, WHP, WHP, SNST, TWK, TWK, MASBT, TWE, TWE, WDLH, YHNB, NSK, NSK, CHY, SLIU.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like EGS, TCU, NTU, NWLT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like TOFB, TOFB, OZB, OZB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like JCW, CPW, D04E, etc.

IDC 08 01:59:02.41.0.9, 7.33S, 127.40E, h0km, mb4.8/1, mb1.3/9.4, mb1mx3.5/30, mbtmp3.7/4, ML3.7/3, Error ellipse: s-maj=102.7km s-min=26.9km az=72.0, Banda Sea

NEIC 08 02:02:54.1.0.49, 18N, 102.125, 70W, h0km, mb5.3/8, mb1.4/2.7, ML4.1/1.0, MS3.8/2.3, Ms1.3.9/2.3, ms1mx3.7/4.3, Error ellipse: s-maj=12.8km s-min=5.4km az=55.0

NEIC 08 02:02:54.1.0.49, 18N, 125.72W, h40km, ML4.4/4.2, 14km east of Tofino, Bc Vancouver Island, Canada Region

Table with columns: LOAD, Name, Time, Status, Pn, and other details. Includes entries like Klamath Falls, PRDA Priddis, YBH Yreka Blue Hor, etc.

Table with columns: Name, Time, Status, Pn, and other details. Includes entries like Blue Mesa, GMRC Great Moun, PV04 Paradox Valley, etc.

Table with columns: Name, Time, Status, Pn, and other details. Includes entries like ECSD, EPLD Experimental L, FCC Fort Churchill, etc.

Table with columns: ID, Name, RA, Dec, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like X40A Basin Creek Fa, LCAR Lake Charles, PBMO Poplar Bluff, etc.

Table with columns: ID, Name, RA, Dec, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like R58A Rapidan, W56A Indian Trail, U57A Blanch, etc.

Table with columns: ID, Name, RA, Dec, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like KBA Koelnbreinsper, ABTA Abfalersbach, AKASG Makanchi Array, etc.

NIED 08 02:05:30.8; 35.58N; 140:09E, h19km, MW3.6, Moment Tensor Solution, s3 Moment tensor, Scale 10^14Nm, M=1.16; Mw=0.37; Mw0=0.79; Mw1=1.95; Mw2=1.22; Mw3=0.72; Fault plane solution: M2.62000x10^14 NP1: phi=294.00000; delta=75.00000; lambda=112.00000; phi=071.00000; delta=827.00000; lambda=36.00000; JMA 08 02:05:30.8; 0.1; 35.58N; 140:90E, h19km, M3.5, 2C-3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHQJ Chosi, JSMT Sammumatsuo, JIHM Itakohorinoku, etc.

NEIC 08 02:32:54.7; 0.6; 19.4N; 0.1; 145.5E; 0.2, h190km, 8km, mb4.1/13, Error ellipse: s-maj=23.8km s-min=16.7km az=72.0 IDC 08 02:32:58.0; 6.2; 19.41N; 145.43E, h218km, 60km, mb3.5/14, mb1 3.6/15, mb1mx3.5/39, mbtmp4.0/15, MS3.6/1, Mw1 3.6/1, ms1mx2.7/21, Error ellipse: s-maj=23.4km, s-min=12.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ Hachijo jima 2, JYT Yasato, PATS Pohpnei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KSRS Kora Array, WBO Warramunga Arr, etc.

NIED 08 03:01:57.7; 34.79N; 137.69E, h34km, Mw3.9, Moment Tensor Solution, s3 Moment tensor, Scale 10^14Nm, M=2.30; Mw=8.40; Mw0=10; Mw1=1.97; Mw2=0.11; Mw3=4.1; Fault plane solution: M8.93000x10^14 NP1: phi=49.00000; delta=875.00000; lambda=34.00000; NP2: phi=310.00000; delta=855.00000; lambda=163.00000; JMA 08 03:01:57.7; 34.79N; 137.69E, h34km, 1km, M4.1

8d 4h

Table of station data for the 8d 4h section, including call signs, frequencies, and coordinates.

2015 JAN

Main table of station data for 2015 JAN, listing call signs, frequencies, and coordinates.

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Table of station data for the 362 section, including call signs, frequencies, and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for T35A, T35B, QUOK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JMA, IDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JANG, JANG, JNKB, etc.

DJA 08 05:37:25.8, 0.8, 11°S, 5°12'00"E, h14km, 3km, M4, 4/8, mb4.7/2, MLV4.2/8

NEIC 08 05:37:28.1, 2.3, 10°16'30"S, 120°48'E, h41km, 8km, mb4.1/1, 1, Error ellipse: s-maj=12.3km s-min=4.1km

IDC 08 05:37:30.1, 3.0, 10°40'S, 120°83'E, h55km, 29km, mb3.9/7, mb1.4, 1/1, mb1mx3.9/29, mbtmp4.2/11, ML4.0/4, MS3.4/3, Ms1.3.5/3, ms1mx3.0/25, Error ellipse: s-maj=50.4km s-min=17.2km az=62.0

ISC 08 05:37:26.6, 0.5, 10.66S, 0.05, 120.62E, 0.06, h31km, n44, e233/46, mb4.3/11, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BASI, BASI, WSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GLKZ, GLKZ, MXZ, etc.

IDC 08 05:49:23.6, 1.2, 13.84N, 144.71E, h0km, mb3.5/6, mb1.3, 8/6, mb1mx3.5/41, mbtmp3.5/6, Error ellipse: s-maj=40.1km s-min=32.0km az=113.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA, WRA, MKAR, etc.

NOU 08 06:00:24.2, 38°36'S, 176°69'E, h172km, MLV3.7, North Island, New Zealand

WEL 08 06:00:32.9, 38.55°S, 0.9°E, 176.6°E, h104km, 2km, M2.8/6.7, MLV2.8/6.7, Error ellipse: s-maj=0.0km s-min=0.0km az=82.6, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WPRZ, WPRZ, ALRZ, etc.

ISC 08 08:17:11.6:0.5,52.63N,0.003:159.59E,0.003,h54km,4km, n175,e150/200,mb4.2/42,MS3.3/4,2D,Off east coast of Kamchatka Peninsula

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

Table with columns: JKA ASAJ, Kamikawa-asahi, 14.12 240, P, Pn, 08 20 28.8 +0.2. Lists seismic events with station names and magnitudes.

Table with columns: WRA Warramunga Arr, 75.54 200, P, P, 08 28 50.1 +0.6. Lists seismic events with station names and magnitudes.

IDC 08 08:51:50.6:0.5,2.477S:179.91E,h491km,4km,mb4.1/25, mb1.4/2/28,mb1mx4.1/36,mbmp4.9/28, Error ellipse: s-maj=9.4km s-min=8.5km az=179.0 BJI 08 08:51:50.6:0.0,2.440S:179.89E,h486km,mb5.2/26, mb4.7/38 NEIC 08 08:51:50.6:2.2,2.477S:179.91E, h491km,4km, mb4.9/54, Error ellipse: s-maj=15.2km s-min=13.7km az=137.0 NOU 08 08:51:53.0:2.455S:179.96W,h531km,mb4.8, South of Fiji Islands GCMT 08 08:51:54.6:0.6,2.69S:0.06:179.81E:0.05,h505km,3km, MW5.2/49, Moment Tensor Solution, s49,c62; Duration: 1.0; Moment tensor: Scale 10^17Nm; Mw=0.31; M0=0.31; M1=0.85; M2=0.6; Best double couple: M0.94900e+10; NP1:0.186,0.00000,0.10,0.00000,-1.67,0.00000; NP2: 0.343,0.00000,0.80,0.00000,-1.94,0.00000; Principal axes: T 0.9500,Plg55.00000; Azm76.00000; N -0.0010, Plg4.00000; Azm344.00000; P -0.9490,Plg54.00000; Azm248.00000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function ISC 08 08:51:50.8:0.4,2.478S:179.98E,0.005,h496km,4km, h497km,pp:P,n279,e150/327,mb4.8/68,19C-14D, South of Fiji Islands

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like COEN, HTT, QIS, PATS, BBOO, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VNA2, GSC, VNA1, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MNK, IGN, NACGM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LANTO, KOSAN BOKA, TIC, etc.

NOU 08:08:52.24.2, 41.86S, 174.59E, h34km, MLV3.8, Cook Strait, New Zealand
WEL 08:08:52.24.5, 42.51S, 174.47E, h39km, 2km, M3.8/22, ML3.9/22, MLV3.8/22, Error ellipse: s-maj=0.0km s-min=0.0km az=113.7, Cook Strait

Main table listing station names, coordinates, and observation data. Includes stations like CAPE CAMPBELL, BSWW, BHW, etc.

NNC 08:08:56.34.4, 8.853, 74N, 88.25E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=70.4km s-min=41.4km az=52.0, Suspected Mining explosion.
IDC 08:08:56.36.2, 7.53, 77N, 88.12E, h0km, mb1 3.2/2, mb 1mx3.1/4h, mbimp3.2/2, ML2.9/2, Error ellipse: s-maj=16.5km s-min=16.5km az=5.8

Table listing station names and coordinates for ZALESOVO INFRA. Includes stations like ZAAO, ZAAO, ZAAO, etc.

Table listing station names and coordinates for ZAAO Zalesovo Array. Includes stations like ZAAO, ZAAO, ZAAO, etc.

IDC 08:08:58.37.4, 1.2, 3.97S, 150.87E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/35, mbmt3.8/4, ML1.3/1, MS3.4/1, Ms1 3.0/1, ms1mx2.6/29, Error ellipse: s-maj=28.7km s-min=19.8km az=169.0, New Ireland region

Table listing station names and coordinates for KRVT, KRVT, KRVT, etc.

SOME 08:09:20.11.6, 41.12N, 76.05E, h5km, KRNET 08:09:20.12.5, 0.1, 41.15N, 76.12E, h20km, mb2.8, NNC 08:09:20.13.6, 0.8, 41.15N, 76.17E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=5.3km s-min=3.1km az=1.0, KNET 08:09:20.13.6, 0.6, 41.18N, 76.13E, h23km, 6km, ml2.2, Error ellipse: s-maj=7.0km s-min=5.0km az=67.0

ISC 08:09:20.14.7, 1.5, 41.23N, 0.05E, 76.12E, 0.03, h9km, 11km, n64, r129/107, 34C-17D, Kyrgyzstan-Xinjiang border

Main table listing station names, coordinates, and observation data. Includes stations like ULHL, ULHL, ULHL, etc.

Main table listing station names, coordinates, and observation data. Includes stations like AML, AML, AML, etc.

8d 10h

AFI	21nm,0.3s,baz=214,slo=1.0,SNR=35	S	S	10 27 24.1	-5.8
NIUE	Niue 8.20 100 P	P	P	10 26 02.9	+0.8
NIUE	Niue 8.20 100 P	P	P	10 26 02.5	+0.5
NIUE	Niue 8.20 100 P	P	P	10 26 02.8	+0.8
GLKZ	Green Lake 11.39 178 P	P	P	10 26 24.6	-8.6
GLKZ	Green Lake 11.39 178 P	P	P	10 26 35.8	-2.1
SANVU	Saraoutou 13.94 278 P	P	P	10 26 58.2	-0.9
SANVU	Saraoutou 13.94 278 P	P	P	10 26 58.6	+0.5
KNTN	Kanton 16.36 25 P	P	P	10 27 20.2	-1.4
KNTN	Kanton 16.36 25 P	P	P	10 27 21.1	-0.5
NFK	Norfolk Island 16.72 226 P	P	P	10 27 25.2	+0.6
OUZ	Omahuta 18.70 201 P	P	P	10 27 44.5	+1.9
OUZ	Omahuta 18.70 201 P	P	P	10 27 43.6	+1.0
GRZ	Great Barrier 19.12 195 P	P	P	10 27 47.1	+0.7
KUZ	Kutaotunu 19.53 194 P	P	P	10 27 51.5	+1.4
MXZ	Matakaoa Point 19.85 188 P	P	P	10 27 51.2	-1.8
MXZ	Matakaoa Point 19.85 188 P	P	P	10 27 51.2	-1.8
WMGZ	Waionatatinii S 20.10 187 P	P	P	10 27 54.6	-0.7
HAZ	Te Kaha 20.12 189 P	P	P	10 27 54.2	-1.3
HAZ	Te Kaha 20.12 189 P	P	P	10 30 59.3	-5.7
PKGZ	Pakihiroa 20.21 188 P	P	P	10 27 55.9	-0.4
RUGZ	Raukumara Rang 20.34 189 P	P	P	10 27 57.0	-0.6
PUZ	Puketiti 20.37 187 P	P	P	10 27 57.0	-0.6
PUZ	Puketiti 20.37 187 P	P	P	10 31 14.4	+5.5
OPRZ	Ohinepanea 20.41 191 P	P	P	10 27 58.6	+0.5
TWGW	Tauwhareparea 20.51 188 P	P	P	10 27 59.8	+0.8
TOZ	Tahuroa Road 20.52 194 P	P	P	10 28 01.5	+2.4
TOZ	Tahuroa Road 20.52 194 P	P	P	10 28 01.5	+2.4
KMRZ	Kaimai 20.53 193 P	P	P	10 28 01.0	+1.8
URZ	Urewera 20.72 190 P	P	P	10 27 57.6	-3.2
URZ	Urewera 20.72 190 P	P	P	10 27 59.1	-1.7
URZ	Urewera 20.72 190 P	P	P	10 27 57.7	+3.0
URZ	Urewera 20.72 190 P	P	P	10 27 59.4	-1.5
MWZ	Matawai 20.73 189 P	P	P	10 31 08.9	-5.7
MWZ	Matawai 20.73 189 P	P	P	10 28 01.9	+0.5
CNGZ	Carnagh Statio 20.78 187 P	P	P	10 28 01.4	+0.5
TKGZ	Te Karaka 21.34 190 P	P	P	10 28 01.0	+1.3
MUGZ	Murupara 21.34 190 P	P	P	10 28 06.3	-0.1
RIGZ	Rimuhau 21.06 188 P	P	P	10 28 11.6	+4.5
RIGZ	Rimuhau 21.06 188 P	P	P	10 31 17.3	-2.5
TLZ	Tolley Road 21.09 193 P	P	P	10 28 05.5	+3.1
WHZT	Whakaora 21.32 192 P	P	P	10 28 09.9	-5.4
MTHZ	Maungatainiwha 21.34 190 P	P	P	10 28 06.3	-0.1
RAHZ	Arahi 21.40 190 P	P	P	10 28 07.0	-1.0
HIZ	Hauti 21.42 194 P	P	P	10 28 11.6	+4.5
HATZ	Hinemaiaia 21.51 192 P	P	P	10 28 07.0	-1.0
NMHZ	Naumai 21.59 190 P	P	P	10 28 07.7	-0.9
BKZ	Black Stump Fm 21.71 191 P	P	P	10 28 07.5	-2.2
EGZ	Egmont 21.81 192 P	P	P	10 28 09.8	-0.6
TMVZ	Te Maari 21.81 192 P	P	P	10 28 09.8	-0.6
OTVZ	Oturere 21.86 192 P	P	P	10 28 09.4	-1.9
MCHZ	McNeill Hill 21.94 190 P	P	P	10 28 10.1	-1.7
KWVZ	Kaweka Forest 21.97 191 P	P	P	10 28 10.4	-1.6
KWVZ	Kaweka Forest 21.97 191 P	P	P	10 31 32.3	-2.0
VRZ	Vera Road 22.02 194 P	P	P	10 28 13.9	+3.5
WVNZ	Wharanoa 22.03 192 P	P	P	10 28 11.9	-0.9
KRHZ	Kereru 22.19 191 P	P	P	10 28 12.8	-1.2
KAHZ	Kahuranaki 22.25 190 P	P	P	10 28 13.3	-1.3
NEZ	North Egmont 22.32 195 P	P	P	10 28 18.5	+3.3
PNHZ	Pukenui 22.48 191 P	P	P	10 28 15.3	-1.3
PXZ	Pawarui 22.49 189 P	P	P	10 28 15.1	-1.5
PRHZ	Porangahau 22.75 190 P	P	P	10 28 18.5	-0.4
DVHZ	Dannevirke 22.86 191 P	P	P	10 28 18.8	-1.2
ANWZ	Angora Road 22.97 190 P	P	P	10 28 19.9	-1.0
BFZ	Birch Farm 23.22 190 P	P	P	10 28 22.1	-1.0
BFZ	Birch Farm 23.22 190 P	P	P	10 28 22.1	-1.0
BFZ	Birch Farm 23.22 190 P	P	P	10 28 21.2	-2.0
MRZ	Mangatainoka R 23.32 192 P	P	P	10 28 21.4	-2.6
OGWZ	Otagi Kori 23.55 192 P	P	P	10 28 25.1	-1.0
MSWZ	Mokai Station 24.12 192 P	P	P	10 28 29.9	-1.1
QNZ	Quartz Range 24.19 197 P	P	P	10 28 31.3	-0.4
QRZ	Quartz Range 24.19 197 P	P	P	10 28 40.1	
PLWZ	Palisser 24.26 192 P	P	P	10 28 31.0	-1.3
NNZ	Nelson 24.34 195 P	P	P	10 28 31.7	-1.2
BSWZ	Blackbirch Sta 24.69 194 P	P	P	10 28 35.2	-0.8
THZ	Topohue 24.97 195 P	P	P	10 28 38.7	+0.1
THZ	Topohue 24.97 195 P	P	P	10 28 42.9	
KHZ	Kahutara 25.43 194 P	P	P	10 28 41.0	-1.6
KHZ	Kahutara 25.43 194 P	P	P	10 28 57.0	
LTZ	Lake Taylor 26.09 196 P	P	P	10 28 47.5	-0.9
LTZ	Lake Taylor 26.09 196 P	P	P	10 28 49.4	
MOZ	Oxford 26.66 196 P	P	P	10 28 51.7	-1.7
QXZ	McQueen's Vall 26.86 194 P	P	P	10 28 53.6	-1.5
MOZ	Oxford 26.66 196 P	P	P	10 28 57.0	
RPZ	Rata Peaks 27.28 197 P	P	P	10 28 58.6	-0.3
RPZ	Rata Peaks 27.28 197 P	P	P	10 28 58.5	-0.3
RPZ	Rata Peaks 27.28 197 P	P	P	10 29 03.8	
FOZ	Fox Glacier 27.47 199 P	P	P	10 28 59.7	-0.7
PPT	Papeete 27.51 94 P	P	P	10 29 02.9	+1.7
LBZ	Lake Benmore 28.14 197 P	P	P	10 29 03.9	-2.4
LBZ	Lake Benmore 28.14 197 P	P	P	10 29 19.5	
ODZ	Otahua Downs 28.62 196 P	P	P	10 29 09.4	-1.0
ODZ	Otahua Downs 28.62 196 P	P	P	10 29 15.3	
WKZ	Wanaka 28.89 199 P	P	P	10 29 12.3	-0.4
EIDS	Eidsvold 29.24 250 P	P	P	10 29 15.3	-0.8
EIDS	Eidsvold 29.24 250 P	P	P	10 29 16.6	
EIDS	Eidsvold 29.24 250 P	P	P	10 29 15.3	-0.8
MLD	Mavora Lakes 29.65 199 P	P	P	10 29 19.8	+0.5
DCZ	Deep Cove 30.05 200 P	P	P	10 29 22.7	+0.1
DCZ	Deep Cove 30.05 200 P	P	P	10 29 41.1	
WHZ	Wether Hill Ro 30.18 199 P	P	P	10 29 24.1	+0.3
WHZ	Wether Hill Ro 30.18 199 P	P	P	10 29 25.5	
RMQ	Roma 31.48 248 P	P	P	10 29 36.0	+0.8
CTA	Charters Tower 33.41 260 P	P	P	10 29 51.4	-0.2
CTA	Charters Tower 33.41 260 P	P	P	10 29 51.7	+0.1
CTAO	Charters Tower 33.41 260 P	P	P	10 29 52.2	
CNB	Cannerra Magne 33.43 232 P	P	P	10 29 52.7	+1.0
PMG	Port Moresby 34.39 279 P	P	P	10 30 00.8	+0.9
PMG	Port Moresby 34.39 279 P	P	P	10 30 00.6	+0.7
PMG	Port Moresby 34.39 279 P	P	P	10 30 01.0	+1.1
MTSU	Mount Suresby 35.36 264 P	P	P	10 30 07.8	-0.1
QLP	Quilpie 35.51 249 P	P	P	10 30 09.0	+0.1
COEN	Coen 37.05 270 P	P	P	10 30 22.5	+0.7
TOO	Tooolangi 37.17 231 P	P	P	10 30 22.4	-0.1
TOO	Tooolangi 37.17 231 P	P	P	10 30 23.6	+1.1
TOO	Tooolangi 37.17 231 P	P	P	10 30 31.4	
TAOE	Tauhira 38.27 82 P	P	P	10 30 33.4	+1.6
STKA	Stephens Creek 38.62 241 P	P	P	10 30 35.2	+1.0
STKA	Stephens Creek 38.62 241 P	P	P	10 30 35.3	+1.1
STKA	Stephens Creek 38.62 241 P	P	P	10 32 31.3	+0.6
STKA	Stephens Creek 38.62 241 P	P	P	10 30 35.2	+1.0
STKA	Stephens Creek 38.62 241 P	P	P	10 30 42.0	-0.5
HTT	Hallett 41.14 239 P	P	P	10 30 53.7	-0.7
JAY	Jayapura 42.83 286 P	P	P	10 31 08.4	+0.5
BBOO	Buckleboo 43.40 241 P	P	P	10 31 12.3	+0.3
BBOO	Buckleboo 43.40 241 P	P	P	10 31 11.6	-0.3

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BBOO	comp=Z,14nm,0.7s	Iamb	Iamb	10 31 12.6	
WR0	Warramunga Arr 44.40 259 P	P	P	10 31 19.0	-0.9
WR0	Warramunga Arr 44.40 259 P	P	P	10 31 21.0	
WRAB	Tennant Creek 44.58 259 P	P	P	10 31 20.2	-0.9
WRAB	Tennant Creek 44.58 259 P	P	P	10 31 20.3	-0.9
WRA	comp=Z,30nm,0.6s	Iamb	Iamb	10 31 20.4	-0.9
WRA	Warramunga Arr 44.58 259 P	P	P	10 31 20.4	-0.9
WRA	comp=Z,18nm,0.5s,baz=99,slo=7.4,SNR=285	P	P	10 32 51.3	+0.3
WRA	comp=Z,3.1nm,0.4s,baz=93,slo=3.4,SNR=5.9	S	S	10 37 09.4	-5.5
AS31	Alice Springs 47.76 254 Iamb	Iamb	Iamb	10 31 23.2	
ASAR	Alice Springs 47.76 254 P	P	P	10 31 22.5	-0.1
ASAR	comp=Z,126nm,0.7s,baz=87,slo=8.4,SNR=1183	P	P	10 32 51.6	+0.1
ASAR	comp=Z,8.5nm,0.5s,baz=99,slo=4.1,SNR=9.2	S	S	10 37 14.4	-2.9
ASAR	comp=Z,14nm,1.1s,baz=85,slo=16,SNR=26	S	S	10 31 42.9	-0.4
KAKADU	Kakadu 47.50 269 P	P	P	10 31 45.9	+0.5
KAKADU	Kakadu 47.50 269 P	P	P	10 31 44.7	-0.7
GUMU	Manion Dam 48.75 268 P	P	P	10 31 51.7	-0.9
GUMU	Manion Dam 48.75 268 P	P	P	10 32 23.4	+0.2
FORT	Fortress 49.99 245 P	P	P	10 32 01.0	-0.5
FORT	Fortress 49.99 245 P	P	P	10 32 01.1	-0.4
FAKI	Fak Fak 50.51 281 P	P	P	10 32 04.1	-1.4
FAKI	Fak Fak 50.51 281 P	P	P	10 32 13.2	
FITZ	Fitzroy Crossi 52.99 260 P	P	P	10 32 23.2	+0.0
FITZ	Fitzroy Crossi 52.99 260 P	P	P	10 32 23.4	+0.2
FITZ	Fitzroy Crossi 52.99 260 P	P	P	10 32 25.4	
KMBL	Kambal 55.30 244 P	P	P	10 32 38.4	-0.8
TNTI	Tennant Creek 56.39 283 P	P	P	10 32 47.3	+0.3
TNTI	Tennant Creek 56.39 283 P	P	P	10 32 48.0	
PSA00	Pilbara Seismi 57.88 255 Iamb	Iamb	Iamb	10 32 56.7	-0.3
PSA00	Pilbara Seismi 57.88 255 Iamb	Iamb	Iamb	10 32 57.3	
MEEK	Meekatharra 58.41 249 P	P	P	10 32 59.8	-0.8
KLBR	Kellerberrin 58.81 243 P	P	P	10 33 02.7	-0.4
NWRO	Narogin (SRO) 59.20 242 P	P	P	10 33 05.1	-0.5
BLDU	Baldon 59.76 245 P	P	P	10 33 09.2	-0.3
MUN	Mundaring 60.11 243 P	P	P	10 33 11.8	+0.1
VNDA	Vandaville 61.62 285 P	P	P	10 33 15.3	+1.7
VNDA	Vandaville 61.62 285 P	P	P	10 33 21.3	-0.6
KAPP	Kappa 62.86 274 P	P	P	10 33 30.8	+1.1
GIRL	Giralia 62.86 253 P	P	P	10 33 30.8	+1.1
GIRL	Giralia 62.86 253 P	P	P	10 33 32.0	+0.4
JYTL	Yasato 66.47 324 P	P	P	10 33 52.4	+0.4
JYTL	Yasato 66.47 324 P	P	P	10 33 59.0	-0.3
JGF	Kuroka 67.64 322 P	P	P	10 34 05.7	
MJAR	Matsushiro Arr 67.81 323 P	P	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WERD Werda, JAVC Velka Javorina, GUNZ Gunzer, etc.

Table with columns: IGT, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IGT Igomuentsa, IGT Leskovik, LSK Leskovik, etc.

Table with columns: WRA, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Comp-Z,5.4nm,1.0s, WRA Fort, etc.

IDC 08 10:52:49.15.4.23:14N:94.64E, h116km,41km, mb3.6/4, mb1.3/8.4, mb1mx3.1/55, mbtmp3.9/4, MS3.9/1, Ms1.3/9.1, ms1mx2.8/31, Error ellipse: s-maj=212.6km s-min=20.2km az=59.0

ISC 08 10:52:47.2.0.9.22:9N:03.94E:0.3:h100km, n12, e159/12, mb4.0/4, Myanmar

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HSG Sierra La Juarez, NVAR Mina Array, etc.

TRN 08 10:25:18.4, 11:01N:62.24W, h15km, MD3.1 FUNV 08 10:25:19.3, 10:91N:62.27W, h26km, MW3.0

ISC 08 10:25:17.8.1.5, 10:91N:0.04:62.31W:0.0/4, h82km, n13, n13, n10/23, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRN Trinidad (W), TRN Trinidad (N), etc.

NOU 08 10:53:32.4, 24:26S:179.74W, h544km, mb4.5, South of Fiji Islands

IDC 08 10:53:32.6.1.2.24:32S:179.88E, h514km, 10km, mb3.4/11, mb1.3.7/12, mb1mx3.5/31, mbtmp4.3/12, Error ellipse: s-maj=18.0km s-min=11.5km az=157.0

NEIC 08 10:53:34.2.1.8, 24:3S:0.1:179.9E:0.1, h534km, 7km, mb4.5/65, Error ellipse: s-maj=16.9km s-min=14.8km az=180.0

ISC 08 10:53:32.6.0.4.24:37S:0.06:179.95E:0.07, h517km, n100, e114/100, mb4.4/39, South of Fiji Islands

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

TXR Lajitas Array 90.71 58 P P 11 05 41.4 +1.0

TXR Lajitas Array 90.71 58 P P 11 05 41.4 +1.0

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

ATH 08 10:44:46.9, 39:91N:19.98E, h20km, 4km, ML2.3/6, Error ellipse: s-maj=5.2km s-min=1.2km az=202.0

THE 08 10:44:46.6, 39:97N:20.00E, h6km, 1km, ML2.2/5, Error ellipse: s-maj=1.5km s-min=0.6km az=305.0

TIR 08 10:44:46.9, 39:89N:20.12E, h2km, 1km, Md2.7

ISC 08 10:44:46.5.0.8, 39:92N:0.03:20.00E:0.03, h14km, 5km, n26, e1508/43, Greece-Albania border region

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

IDC 08 11:04:55.70.6.51:55N:174.27W, h0km, mb4.2/28, mb1.4/30, mb1mx4.4/42, mbtmp4.3/30, ML4.6/2, MS3.8/13, Ms1.3/8.13, ms1mx3.4/55, Error ellipse: s-maj=19.0km s-min=11.4km az=172.0

MOS 08 11:04:58.9.1.1, 51:63N:174.31W, h31km, mb4.7/34, Error ellipse: s-maj=8.8km s-min=6.8km az=96.0

NEIC 08 11:04:59.6.1.8, 51:45N:0.03:174.30W:0.05, h25km, 5km, Error ellipse: s-maj=4.6km s-min=4.4km az=203.0

BUL 08 11:04:59.0.0.51:60N:174.30W, h30km, MB5.1/13, Bolongoye 151.28 343 ePKPc PKPbc

AEIC 08 11:05:00.9.2.0.144N:0.06:174.36W:0.03, h35km, 5km, ML4.2/23, mb4.6/166(NEIC), Error ellipse: s-maj=8.2km s-min=2.7km az=181.0

BGR 08 11:05:00.8.0.0.51:14N:174.57W, h33km, mb4.9

ISC 08 11:04:59.0.8.51:52N:0.07:174.23W:0.04, h24km, 4km, n481, e1515/446, mb4.6/129, MS3.9/16, 20C-12D, Andreev Islands

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GSMY, GSTR, GSTD, ADAG, ADK, KIKV, KICM, KIMD, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DLBC, YSS, C36M, YAK, YKA, YKA, YKA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RLMT, R11A, KRSR, KRSR, SPUT, MPMC, FURC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Plesco, Dimbokro, Cedar City, etc.

TAP 08 12:15:40.6, 24.84N, 122.02E, h9km, ML3.5, C
JMA 08 12:15:41.2, 24.85N, 121.94E, h41km, M2.7
ISC 08 12:15:40.3, 0.6, 24.88N, 0.02, 122.02E, 0.02, h15km, 5km,

Main table for the left column containing station data for the Taiwan region, including codes like EGS, TWB1, NTC, etc.

Main table for the middle column containing station data for the Pacific-Antarctic Ridge, including codes like NNSH, NNS, PCYT, etc.

Main table for the right column containing station data for the New Ireland region, including codes like ELDTW, ELDTW, etc.

IDC 08 12:30:08.1, 3.1, 7.22S, 129.48E, h117km, 42km, mb3.0/1,
mb1 3.3/5, mb1mx3.0/35, mbtmp3.6/5, Error ellipse:
s-maj=70.2km s-min=23.1km az=90.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. for the Banda Sea region.

IDC 08 12:31:53.8, 6.3, 55.74S, 151.33W, h0km, mb3.7/1,
mb1 3.9/1, mb1mx3.7/16, mbtmp3.7/1, Error ellipse:
s-maj=738.0km s-min=89.8km az=168.0,
Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. for the Pacific-Antarctic Ridge region.

IDC 08 12:56:32.4, 1.6, 3.69S, 151.61E, h0km, mb3.5/3,
mb1 3.8/3, mb1mx3.3/40, mbtmp3.5/3, MS3.1/4, Ms1 3.1/4,
ms1mx2.8/24, Error ellipse: s-maj=30.8km
s-min=12.2km az=51.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. for the New Ireland region.

IDC 08 13:00:44.9, 1.2, 6.90S, 132.58E, h0km, mb4.1/7,
mb1 4.3/12, mb1mx4.1/41, mbtmp4.2/12, ML4.3/5, MS3.1/3,
Ms1 3.1/3, ms1mx2.7/36, Error ellipse: s-maj=28.5km
s-min=22.8km az=98.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. for the Tanimbar Islands region.

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

IDC 08 14:10:51.5-8.4, 25.365S-28.75E, h0km, mb3.0/1, mb1mx2.8/46, mbmtpp3.1/1, ML2.2/1, Error ellipse: s-maj=83.6km s-min=58.2km az=138.0, South Africa

IDC 08 14:12:36.2-0.8, 30.30N-69.87E, h0km, mb3.8/19, mb1 4.0/22, mb1mx3.8/58, mbmtpp3.9/22, ML3.8/3, MS3.2/1, Ms1 3.2/1, ms1mx2.7/46, Error ellipse: s-maj=19.2km s-min=15.3km az=36.0

IDC 08 14:12:40.7-0.6, 30.37N-0.07-69.84E, h33km, ML3.8, s=259.58, mb3.9/20, Pakistan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK, GKN, SGG, KKK, MTBS, etc.

IDC 08 14:28:24.9-6.0, 21.30S-177.35W, h456km, 4.5km, mb2.6/3.5, mb1 3.0/5, mb1mx2.8/32, mbmtpp3.6/5, Error ellipse: s-maj=127.5km s-min=23.9km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, AFI, ASAR, WRA, ILAR, AKASG, etc.

IDC 08 14:38:18.0-2.5, 2.92N-125.74E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.1/36, mb1mx3.2/3, MS3.3/1, Ms1 3.3/1, Ms1 5.2/17, Error ellipse: s-maj=240.1km s-min=29.7km az=65.0, Talaud Islands

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

IDC 08 14:56:29.6-0.4, 61.69S-161.36E, h0km, mb5.0/17, mb1 5.1/19, mb1mx5.0/37, mbmtpp5.0/19, ML5.0/2, MS5.2/17, Ms1 5.2/17, ms1mx5.1/22, Error ellipse: s-maj=20.8km s-min=12.0km az=76.0

BUI 08 14:56:30.3-0.0, 61.70S-161.56E, h17km, mb6.0/8, mb5.5/12, Ms5.5/12, MS5.5/13

MOS 08 14:56:30.2-1.3, 61.76S-161.32E, h10km, mb5.7/15, Error ellipse: s-maj=33.2km s-min=9.2km az=97.9

NEIC 08 14:56:30.9, 61.66S-161.33E, h4km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.18; Mw:3.11; Mw-3.29; Mw-1.86; Mw-0.77; Mw-0.27; Fault plane solution: Ms3.80000x10^17 NP1:0.234, 670000, 0.72, 920000, 1.19, 370000. NP2:0.228, 770000, 0.71, 510000, 1.61, 960000. Principal axes: T 4.1055, Plg26.0000, Azm18.0000; N -0.7229, Plg64.0000, Azm5.0000; P -3.3826, Plg1.0000, Azm97.0000

NEIC 08 14:56:30.7, 61.61S-161.09E, h13E:0.3, h10km, 1km, mb5.4/92, Ms_20.5, mb1mx3.1/36, mb1mx3.2/3, MS3.3/1, Ms1 3.3/1, Ms1 5.2/17, Error ellipse: s-maj=21.3km s-min=14.1km az=79.0

Triangular moment-rate function NEIC 08 14:56:35.61, 65S:161.24E, h17km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.33; Mw:4.50; Mw-4.17; Mw-0.38; Mw-1.46; Mw-0.9; Fault plane solution: Ms4.60000x10^17 NP1:0.234, 670000, 0.87, 800000, 1.77, 000000. NP2:0.324, 000000, 0.87, 000000, 1.3, 000000. Principal axes: T 4.7695, Plg4.0000, Azm189.0000; N -0.3607, Plg6.0000, Azm4.0000; P -4.4088, Plg0.0000, Azm99.0000

ISC 08 14:56:31.1-0.2, 61.78S-0.05S, 161.27E-0.07, h10km, n533, 18mm, 0.3s, baz=181, slow=13, SNR=199

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

8d 14h

2015 JAN

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, LCO Las Campanas, LCO Las Campanas, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTO3 Montecristo, SRIG Santa Rosalia, ESPN Las Esmeraldas, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like WMOK, BMO, HLD, ZSN, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BELG, FCC, H60A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PSZ, CSK, MPLH, etc.

WEL 08 14:59:48.3, 38'S; 177°16'E; h238km, 16km, M2.6/27, mB5.4/1, ML2.2/11, MLV2.6/27, Mw(mB)4.8/1, Error ellipse: s-maj=0.0km s-min=0.0km az=121.9, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, and other parameters. Includes stations like TLZ, TARZ, MRHZ, etc.

1DC 08 15:09:24.0, 1.5, 5:39S, 146:82E, h0km, mb3.3/3, mb1.3/7.5, mb1mx3.4/48, mb1mx3.5/5, ML3.6/1, MS3.4/1, Ms1.3.4/1, ms1mx2.8/16, Error ellipse: s-maj=56.7km

8d 18h

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
ALS	Alisihan	1.54 253	eP	Pn	18 11 08.2 0.0
ALS			eS	Sn	18 11 27.4 -0.6
WJS	Zhushan	1.55 265	eP	Pn	18 11 08.6 +0.6
WJS			eS	Sn	18 11 28.3 +0.6
WNT	Mingjian	1.58 267	eS	Pn	18 11 29.1 +0.6
JJJ	Ishigaki jima	1.63 76	P	Sn	18 11 09.2 +0.1
JJJ			eS	Sn	18 11 29.1 -0.5
CHNS	Tsauling	1.63 257	eP	Pn	18 11 09.4 +0.2
CHNS			eS	Sb	18 11 30.7 -0.5
STYT	Tauyuan	1.72 242	eP	Pn	18 11 10.7 +0.3
STYT			eS	Pn	18 11 32.2 +0.2
WDLH	Douliu	1.74 261	eP	Pn	18 11 11.4 +0.8
WDLH			eS	Sb	18 11 33.6 -0.6
TPUB	Ta-pu	1.77 248	eP	Pn	18 11 11.9 +0.9
TPUB			eS	Sn	18 11 33.8 +0.7
CHN4	Tsaushan	1.78 250	eP	Pb	18 11 12.5 -0.9
CHN4			eS	Sn	18 11 34.5 +1.1
WTP	Ta-pu	1.80 247	eP	Pn	18 11 11.9 +0.3
WTP			eS	Sn	18 11 34.8 +0.8
JJSG	Ishigakijimahi	1.84 70	P	Pn	18 11 12.5 +0.6
JJSG			eS	Sn	18 11 33.2 -1.6
WTK	Tuku	1.88 262	eP	Pn	18 11 13.2 +0.7
WTK			eS	Sn	18 11 36.7 +1.0
SLGT	Liugui	1.89 239	eP	Pn	18 11 13.2 +0.4
SLGT			eS	Sn	18 11 37.2 +1.0
CHN1	Nanshi	1.90 246	eP	Pn	18 11 13.2 +0.3
CHN1			eS	Sn	18 11 37.4 +1.0
SGST	Jiashian	1.90 242	eP	Pn	18 11 13.4 +0.6
SGST			eS	Sn	18 11 35.9 -0.5
TWK	Hsinying	1.90 249	eP	Pn	18 11 13.2 +0.3
TWK			eS	Sn	18 11 36.7 +0.2
SSD	Sandimen	2.04 234	eP	Pn	18 11 15.5 +0.7
SSD			eS	Sn	18 11 40.1 +0.2
TSMG	Majia	2.06 232	eP	Pn	18 11 15.7 +0.6
TSMG			eS	Sn	18 11 40.9 +0.6
MASBT	Mashibuluo	2.13 231	eP	Pn	18 11 16.5 +0.5
MASBT			eS	Sn	18 11 42.9 +0.9
EAST	Anshuo	2.14 223	eP	Pn	18 11 16.8 +0.6
EAST			eS	Sn	18 11 42.9 +0.5
SCZT	Fangliu	2.30 226	eP	Pn	18 11 19.1 +0.8
SCZT			eS	Sn	18 11 46.5 +0.4
SLIU	Shizi	2.30 221	eP	Pn	18 11 19.2 +0.9
SLIU			eS	Sn	18 11 46.3 +0.1

TAP 08 18:12:05.9,23:98N;122:42E,h27km,ML2.5,D
 JMA 08 18:12:06.1±0.1,24:00N;122:41E,h28km,4km,M1.8
 ISC 08 18:12:04.7±1.1,23:99N;0:02;122:43E;0:02,h15km,9km,
 n65,c0561/124,Taiwan region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JYNG	Yonagunijimaku	0.66 46	Op	Pb	18 12 18.7 +0.8
JYNG			S	Sb	18 12 27.2 +0.3
YOJ	Yonaguni jima	0.71 48	P	Pn	18 12 19.7 -0.5
YOJ			S	Sn	18 12 29.8 -1.1
YOJ	Yonaguni jima	0.71 48	eP	Pb	18 12 19.4 +0.6
YOJ			eS	Sb	18 12 28.7 +0.3
ENAH	Nanao	0.73 309	eP	Pb	18 12 19.4 +0.3
ENAH			eS	Sb	18 12 29.7 +0.9
ENA	Nanao	0.76 305	P	Pb	18 12 20.2 +0.5
ENA			S	Sb	18 12 30.8 +0.9
NACB	Ninganchiao	0.78 284	eP	Pb	18 12 20.3 +0.3
NACB			eS	Sb	18 12 30.8 +0.3
TWC	Suao	0.81 320	eP	Pg	18 12 19.9 -0.5
TWC			eS	Sg	18 12 30.9 -0.3
ETLH	Xiulin Townshi	0.89 284	eP	Pb	18 12 22.4 +0.5
ETLH			eS	Sb	18 12 33.9 +0.2
ESL	Shilin	0.93 259	eP	Pn	18 12 23.2 0.0
ESL			eS	Sg	18 12 34.7 -0.1
TWE	Neicheng	1.00 317	eP	Pg	18 12 24.2 0.0
TWE			eS	Sb	18 12 36.7 -0.2
ENTT	Nioudou	1.02 310	eP	Pg	18 12 24.4 0.0
ENTT			eS	Sb	18 12 37.4 +0.1
NTC	Toucheng	1.02 328	eP	Pb	18 12 23.9 -0.1
NTC			eS	Sg	18 12 37.6 -0.1
NDT	Datong Townshi	1.03 306	eP	Pb	18 12 24.4 +0.1
NDT			eS	Sg	18 12 38.2 -0.1
HGSD	Ruisui	1.04 242	eP	Pg	18 12 24.9 +0.1
HGSD			eS	Sb	18 12 37.9 -0.2
NNSB	Datong	1.05 295	eP	Pb	18 12 24.6 -0.1
NNSB			eS	Sb	18 12 38.0 -0.3
NNS	Nan Shan	1.06 295	eP	Pb	18 12 25.0 +0.2
NNS			eS	Sb	18 12 38.7 0.0
WHF	Hehuan Shan	1.07 279	eP	Pb	18 12 25.4 +0.1
WHF			eS	Sb	18 12 38.9 -0.3
FUSS	Fushou	1.11 284	eP	Pg	18 12 26.2 0.0
FUSS			eS	Sb	18 12 40.5 +0.3
EHY	Hungye	1.12 245	eP	Pb	18 12 25.8 0.0
EHY			eS	Sb	18 12 39.9 -0.3
TIPB	Shuangxi	1.12 331	eP	Pn	18 12 26.1 +0.2
TIPB			eS	Sb	18 12 39.9 -0.4
CHGB	Renai	1.15 274	eP	Pb	18 12 26.1 -0.3

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
CHGB	Wulai	1.15 313	eP	Pb	18 12 26.2 -0.1
CHGB			eS	Sb	18 12 40.4 -0.8
NWLT	Yeheng	1.17 305	eP	Pn	18 12 26.7 0.0
NWLT			eS	Sb	18 12 40.8 -1.1
YHNB	Sanguang	1.19 305	eP	Pn	18 12 26.8 -0.1
YHNB			eS	Sb	18 12 40.7 -1.6
YULB	Yu-li	1.19 240	eP	Pn	18 12 26.8 -0.1
YULB			eS	Sb	18 12 41.4 -1.0
EYUL	Yuli	1.20 238	eP	Pn	18 12 27.2 +0.2
EYUL			eS	Sn	18 12 43.4 +0.3
TWF1	Yuli	1.22 239	eP	Pn	18 12 27.1 -0.1
TWF1			eS	Sb	18 12 42.9 0.0
IRIF	Iriomote-Funau	1.24 74	P	Pg	18 12 28.4 -0.2
IRIF			eS	Sg	18 12 45.2 +0.5
HATJ	Hateruma jima	1.26 87	eP	Sb	18 12 44.3 0.0
TATO	Taipei	1.30 319	eP	Sb	18 12 28.6 +0.2
TATO			eS	Sb	18 12 45.5 +0.1
FULB	Fuli	1.30 233	eP	Pn	18 12 28.1 -0.3
FULB			eS	Sn	18 12 45.1 -0.5
CHKT	Chengkung	1.32 228	eP	Pn	18 12 29.2 +0.6
CHKT			eS	Sb	18 12 44.4 -1.5
SSLB	Suangleung	1.36 262	eP	Pb	18 12 30.0 +0.1
DPDB	Guoxing	1.37 272	eP	Pn	18 12 29.9 +0.5
DPDB			eS	Sn	18 12 47.4 0.0
WHP	Taichung City	1.38 282	eP	Pb	18 12 30.6 +0.3
WHP			eS	Sn	18 12 47.3 -0.4
YM01	YM01	1.39 326	eP	Pb	18 12 30.6 +0.2
YM01			eS	Sn	18 12 47.4 -0.4
SMLT	Sun Moon Lake	1.40 266	eS	Sb	18 12 48.9 +0.4
YM10	YM10	1.40 326	eP	Pn	18 12 29.8 0.0
YM10			eS	Sn	18 12 47.8 -0.3
YM11	YM11	1.41 327	eP	Pn	18 12 29.9 +0.1
YM11			eS	Sn	18 12 48.2 0.0
YM05	YM05	1.41 326	eP	Pb	18 12 30.6 -0.1
YM05			eS	Sn	18 12 47.9 -0.4
YM04	YM04	1.41 325	eP	Pb	18 12 30.7 -0.1
YM04			eS	Sn	18 12 47.0 -1.4
TYC	Yuchr	1.44 267	eP	Pn	18 12 31.0 +0.7
TYC			eS	Sn	18 12 49.4 +0.5
LI0B	Emei	1.44 297	eP	Pn	18 12 31.0 +0.6
LI0B			eS	Sn	18 12 48.9 -0.2
EDH	Donghe	1.45 226	eP	Pn	18 12 29.9 -0.4
EDH			eS	Sn	18 12 47.5 -1.6
ELDTW	Lidau	1.52 239	eP	Pn	18 12 31.3 -0.2
ELDTW			eS	Sn	18 12 49.6 -1.5
ALS	Alisihan	1.56 253	eP	Pn	18 12 32.4 +0.2
ALS			eS	Sn	18 12 51.9 -0.5
WJS	Zhushan	1.56 264	eP	Pn	18 12 32.7 +0.7
WJS			eS	Sn	18 12 52.4 +0.4
WNT	Mingjian	1.60 266	eS	Pn	18 12 53.2 +0.3
JJJ	Ishigaki jima	1.61 76	P	Sb	18 12 33.6 -0.6
JJJ			eS	Pb	18 12 54.1 -0.2
CHNS	Tsauling	1.65 257	eP	Pb	18 12 34.5 -0.4
CHNS			eS	Sn	18 12 54.1 -0.1
STYT	Tauyuan	1.74 242	eP	Pn	18 12 35.4 +0.9
STYT			eS	Sn	18 12 55.9 -0.5
WDLH	Douliu	1.76 261	eS	Sn	18 12 57.3 +0.6
TPUB	Ta-pu	1.79 248	eP	Pn	18 12 36.3 +1.2
TPUB			eS	Sn	18 12 57.8 +0.3
CHN4	Tsaushan	1.80 250	eP	Pb	18 12 36.9 -0.9
CHN4			eS	Sn	18 12 58.6 +0.8
JJSG	Ishigakijimahi	1.82 71	P	Pn	18 12 36.5 +1.0
JJSG			eS	Sn	18 12 57.8 -0.5
WTP	Ta-pu	1.82 246	eP	Pn	18 12 36.8 +1.1
WTP			eS	Sn	18 12 58.7 +0.2
CHN1	Nanshi	1.92 246	eP	Pn	18 12 38.4 +1.5
CHN1			eS	Sn	18 13 01.9 +0.5
SGST	Jiashian	1.92 242	eP	Pn	18 12 37.0 +0.1
SGST			eS	Sn	18 12 59.9 -0.9
TWK	Hsinying	1.92 248	eP	Pn	18 12 38.0 +1.1
TWK			eS	Sn	18 13 01.1 +0.2
SSD	Sandimen	2.06 233	eP	Pn	18 12 39.8 +1.0
SSD			eS	Sn	18 13 04.4 +0.1
TSMG	Majia	2.08 232	eP	Pn	18 12 39.8 +0.8
TSMG			eS	Sn	18 13 04.8 +0.1
CHN3	Shinhu	2.10 245	eS	Pn	18 13 05.2 0.0
MASBT	Mashibuluo	2.15 231	eP	Pn	18 12 41.0 +1.0
MASBT			eS	Sn	18 13 06.8 +0.5
EAST	Anshuo	2.16 223	eP	Pn	18 12 41.2 +1.0
EAST			eS	Sn	18 13 05.6 -1.2
SCZT	Fangliu	2.31 226	eP	Pn	18 12 43.8 +1.5
SCZT			eS	Sn	18 13 10.5 0.0

TAP 08 18:13:06.9,23:99N;122:41E,h15km,1km,ML2.5,D
 JMA 08 18:13:07.1±0.1,24:01N;122:41E,h27km,M1.7
 ISC 08 18:13:05.7±1.1,23:99N;0:02;122:41E;0:02,h11km,9km,
 n79,c0558/147,Taiwan region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JYNG	Yonagunijimaku	0.67 47	Op	Pb	18 13 19.7 +0.3
JYNG			eS	Sg	18 13 27.8 +0.2
ENAH	Nanao	0.71 310	eP	Pb	18 13 20.1 -0.1
ENAH			eS	Sb	18 13 30.5 +0.5
YOJ	Yonaguni jima	0.72 49	P	Pb	18 13 20.5 +0.2
YOJ			S	Sg	18 13 29.7 +0.4
YOJ	Yonaguni jima	0.72 49	eP	Pb	18 13 20.5 +0.2
YOJ			eS	Sg	18 13 29.6 +0.4
TWD	Chiawan	0.75 277	eP	Pg	18 13 20.5 +0.2
TWD			eS	Sb	18 13 30.9 -0.1
ENA	Nanao	0.75 306	eP	Pb	18 13 21.3 +0.5
ENA			eS	Sb	18 13 31.4 +0.3
NACB	Ninganchiao	0.77 284	eP	Pb	18 13 21.5 +0.5
NACB			eS	Sg	18 13 31.0 +0.4
TWC	Suao	0.80 320	eP	Pg	18 13 21.5 +0.2
TWC			S	Sg	18 13 31.8 +0.1
ETLH	Xiulin Townshi	0.88 285	eP	Pb	18 13 23.4 +0.2
ETLH			eS	Sb	18 13 34.5 -0.2
ESL	Shilin	0.91 259	eP	Pg	18 13 22.4 -0.9
ESL			eS	Sg	18 13 35.1 -0.1
TWE	Neicheng	1.00 317	eP	Pg	18 13 25.1 +0.1
TWE			S	Sg	18 13 37.6 -0.3
ENTT	Nioudou	1.01 310	eP	Pg	18 13 25.1 0.0
ENTT			eS	Sb	18 13 39.0 +0.5
NTC	Toucheng	1.01 329	eP	Pn	18 13 25.2 0.0
NTC			eS	Sg	18 13 39.6 -0.5
NDT	Datong Townshi	1.02 307	eP	Pn	18 13 25.9 -0.1
NDT			eS	Sb	18 13 39.5 +0.6
HGSD	Ruisui	1.03 242	eP	Pg	18 13 25.1 -0.4
HGSD			eS	Sb	18 13 38.6 -0.3
NNSB	Datong	1.03 295	eP	Pg	18 13 25.5 -0.2
NNSB			S	Sg	18 13 38.6 -0.5
NNS	Nan Shan	1.05 296	eP	Pg	18 13 25.9 0.0
NNS			S	Sg	18 13 39.0

8d 18h

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like GRNR, USAOB, USRK, NKKL, etc.

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Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like TJN, ZEA, ZYA, ZYA, ZYA, etc.

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Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like SONM, WHN, QZH, TLY, etc.

ZAAO	Zalesovo Array	39.77 307	P	P	18 49 30.9	-0.4
ZAAO	comp-Z,88nm,1.1s				18 49 33.1	
ZALV	Zalesovo Beam	39.77 307	P	P	18 49 30.9	-0.3
ZALV	comp-Z,30nm,0.6s,baz=79,slow=7.7,SNR=150					
ZALV	comp-Z,14nm,0.7s,baz=75,slow=3.3,SNR=4.9				18 51 35.7	+0.9
ZALV	comp-Z,17nm,1.0s,baz=88,slow=3.6,SNR=11				18 55 12.3	+0.7
ZALV	comp-Z,212nm,21.0s,baz=45,slow=37				19 06 47.6	
ZALV	Zalesovo Beam	39.77 307	i	P	18 49 31.0	-0.3
ZALV	comp-Z,30nm,0.6s					
RSO	Redoubt South	40.14 43	P	P	18 49 35.3	+0.8
DAV	Davaco City (W)	40.19 211	LR	LR	18 49 35.2	
OHAK	Old Harbor	40.20 48	P	P	18 49 34.2	-0.5
PPLA	Punkeville	40.28 39	P	P	18 49 36.7	+1.2
KDAK	Kodiak Island	40.50 47	P	P	18 49 36.9	-0.3
KDAK	comp-Z,159nm,0.8s,baz=310,slow=4.8,SNR=38				18 50 05.4	-0.5
KDAK	comp-Z,46nm,0.7s,baz=307,slow=5.6,SNR=2.3				18 50 37.1	-0.1
KDAK	Kodiak Island	40.50 47	P	P	18 49 37.1	-0.1
SKT	Skwentna	40.62 40	P	P	18 49 38.1	-0.1
WMQ	Urumqi	40.63 291	eP	P	18 49 39.8	+1.3
WMQ	comp-Z,190nm,1.1s				18 50 08.8	+1.5
WMQ	comp-Z,900nm,3.9s					
WMQ	Urumqi	40.63 291	i	P	18 49 39.3	+0.7
WMQ	comp-Z,22nm,0.8s				18 50 08.8	+1.3
WMQ	Urumqi	40.63 291	p	P	18 49 39.3	+0.7
BPBW	Bear Paw Mtn.	40.78 37	P	P	18 49 39.8	+0.3
KTH	Kantishna Hill	40.83 38	P	P	18 49 40.0	+0.9
MLY	Manley	40.87 36	P	P	18 49 41.0	+0.8
CNPM	China Poot	40.99 44	P	P	18 49 40.4	-0.8
CNPM	comp-Z,76nm,0.8s				18 49 47.9	
SUA	Susitna One	41.03 41	P	P	18 49 41.3	-0.4
SUA	comp-Z,121nm,1.1s					
COLD	Coldfoot	41.10 32	P	P	18 49 42.3	+0.2
COLD	comp-Z,269,SNR=94					
COLD	Coldfoot	41.10 32	P	P	18 49 41.9	-0.1
TRF	Thorofare	41.11 38	P	P	18 49 42.1	-0.3
TRF	comp-Z,154nm,1.2s					
BRLK	Bradley Lake	41.13 44	P	P	18 49 41.5	-1.0
BRLK	comp-Z,80nm,0.8s				18 49 45.4	
CUT	Chulitna	41.19 40	P	P	18 49 42.9	+0.1
ZSN	Zaisan	41.32 297	eP	P	18 49 43.8	-0.4
ZSN	comp-Z,77nm,2.1s,baz=297					
ZSN	Zaisan	41.32 297	eP	P	18 49 43.7	-0.4
TOLK	Toolik Lake Re	41.39 30	P	P	18 49 44.4	-0.1
TOLK	comp-Z,269,SNR=120					
TOLK	Toolik Lake Re	41.39 30	P	P	18 49 43.2	-1.2
BWN	Browne	41.44 37	P	P	18 49 45.2	+0.4
I23K	Minto, Yukon-K	41.45 36	P	P	18 49 45.8	+0.9
I23K	comp-Z,272,SNR=124					
RC01	Minto, Yukon-K	41.45 36	P	P	18 49 45.4	+0.5
RC01	comp-Z,276,SNR=16				18 49 45.6	-0.2
NEA2	Nenana	41.60 36	P	P	18 49 46.8	+0.7
O22K	Cooper Landing	41.63 43	P	P	18 49 46.0	-0.4
O22K	comp-Z,271,SNR=9					
O22K	Cooper Landing	41.63 43	P	P	18 49 46.2	-0.2
MCK	McKinley	41.70 38	P	P	18 49 47.3	+0.3
RND	Reindeer	41.76 38	P	P	18 49 47.2	-0.4
RND	comp-Z,214nm,1.0s					
RND	Reindeer	41.76 38	P	P	18 49 47.2	-0.4
PMR	Palmer	41.79 41	P	P	18 49 47.2	-0.5
PMR	comp-Z,116nm,1.0s					
PMR	Palmer	41.79 41	P	P	18 49 47.2	-0.5
SEW	Seward	41.81 43	P	P	18 49 47.6	-0.3
SEW	comp-Z,116nm,1.0s				18 49 51.1	
GHO	Glory Hole Cre	41.87 41	P	P	18 49 48.7	+0.2
MDM	Murphy Dome	41.94 36	P	P	18 49 49.2	+0.3
WRH	Wood River Hill	42.03 37	P	P	18 49 49.5	-0.1
TCOL	CIGO, UAF Yank	42.10 36	P	P	18 49 51.0	+0.9
TCOL	comp-Z,273,SNR=90					
COLA	CIGO, UAF Yank	42.10 36	P	P	18 49 50.8	+0.7
COLA	College	42.10 36	P	P	18 49 50.9	+0.7
COLA	comp-Z,643nm,1.0s					
COLA	College	42.10 36	P	P	18 49 50.9	+0.7
KNK	Knik Glacier	42.13 41	P	P	18 49 50.2	-0.3
CNB	Clear Creek Bu	42.14 36	P	P	18 49 50.5	+0.1
CNB	comp-Z,130nm,1.0s				18 49 52.1	
SML	Sawmill	42.15 41	P	P	18 49 50.9	+0.2
POKR	Poker Plat Res	42.27 36	P	P	18 49 52.3	+0.8
POKR	comp-Z,274,SNR=92					
POKR	Poker Plat Res	42.27 36	P	P	18 49 52.1	+0.6
LKP	Lekhapani	42.51 264	eP	P	18 49 54.6	+0.6
IL31	Ilisar	42.52 36	P	P	18 49 53.6	0.0
IL31	comp-Z,321nm,1.0s,baz=263,slow=5.7,SNR=570				18 49 53.5	-0.1
ILAR	Ilisar	42.52 36	P	P	18 55 21.9	-0.4
HDA	Harding Lake	42.52 37	P	P	18 49 53.2	-0.4
HDA	comp-Z,1.7nm,0.8s,baz=269,slow=4.1,SNR=3.3					
HDA	Harding Lake	42.52 37	P	P	18 49 53.6	-0.1
SCM	Sheep Creek Mo	42.62 40	P	P	18 49 55.0	+0.5
SCM	comp-Z,159nm,0.9s					
SCM	Sheep Creek Mo	42.62 40	P	P	18 49 55.0	+0.5
SCM	Glacier Island	42.66 42	P	P	18 49 56.4	0.0
SCM	comp-Z,7.0nm,0.8s				18 49 57.4	
PRP	Porcupine Dome	43.04 35	P	P	18 49 57.9	0.0
FYU	Fort Yukon	43.08 33	P	P	18 49 59.1	+1.1
M24K	Tolsona, Glenn	43.12 40	P	P	18 49 59.7	+1.1
M24K	comp-Z,278,SNR=20					
M24K	Tolsona, Glenn	43.12 40	P	P	18 49 59.2	+0.6
FID	Fort Fidalgo	43.18 42	P	P	18 49 58.5	-0.4
FID	comp-Z,177nm,1.2s				18 50 00.2	
MK31	Makanchi Array	43.20 297	i	P	18 49 59.8	+0.4
MK31	comp-Z,39nm,0.6s,baz=82,slow=7.7,SNR=527					
MK31	Makanchi Array	43.20 297	P	P	18 49 59.7	+0.4
MK31	Makanchi Array	43.20 297	P	P	18 50 00.0	+0.7
MKAR	Makanchi Array	43.20 297	P	P	18 55 26.0	+0.6
MKAR	comp-Z,1.7nm,0.7s,baz=114,slow=1.5,SNR=3.6					
KLU	Klutina	43.33 41	P	P	18 50 00.6	+0.3
PAX	Paxson	43.33 39	P	P	18 50 00.1	-0.2
PAX	comp-Z,72nm,1.2s					
PAX	Paxson	43.33 39	P	P	18 50 00.1	-0.2
PAX	comp-Z,72nm,1.2s				18 50 08.0	
SEM	Semipalatinsk	43.34 303	eP	P	18 49 58.2	-2.5
SEM	comp-Z,104nm,1.1s,baz=302					
SEM	Semipalatinsk	43.34 303	eP	P	18 56 16.3	-2.4
SEM	comp-Z,302					
SEM	Semipalatinsk	43.34 303	eP	P	18 49 58.2	-2.5
SEM	comp-Z,104nm,1.1s				18 56 16.2	-2.4
SEM	Semipalatinsk	43.34 303	eP	P	18 49 58.2	-2.5
NONG	Nongkai	43.37 247	P	P	18 50 02.5	+1.6
MAK2	Makanchi	43.40 297	P	P	18 50 00.9	0.0
MAK2	comp-Z,42nm,0.6s					
MAK2	Makanchi	43.40 297	P	P	18 50 00.9	0.0
MAK2	comp-Z,42nm,0.6s				18 50 03.8	

RIDG	Independent Ri	43.51 37	P	P	18 50 01.4	-0.3
EYAK	Cordova Ski Ar	43.56 42	P	P	18 50 02.5	+0.5
ZIRO	ZIRO	43.84 266	eP	P	18 50 06.0	+1.1
ZIRO	comp-Z,56nm,0.4s				18 50 07.8	
SIRC	Sand Creek	43.86 37	P	P	18 50 04.3	-0.2
SIRC	comp-Z,278,SNR=136					
DOT	Dot Lake	43.87 38	P	P	18 50 03.8	-0.7
DOT	comp-Z,69nm,0.8s				18 50 06.8	
N25K	Chitina, Valde	43.94 40	P	P	18 50 06.0	+0.9
N25K	comp-Z,280,SNR=11					
N25K	Chitina, Valde	43.94 40	P	P	18 50 05.6	+0.5
MOKO	MOKOCHONG	44.07 264	eP	P	18 50 07.6	+1.0
MOKO	comp-Z,39nm,0.8s				18 50 08.9	
MENT	Mentasta	44.13 38	P	P	18 50 06.6	0.0
MENT	comp-Z,166nm,1.4s				18 50 09.2	
KURK	Kurchatov	44.24 303	eP	P	18 50 07.6	0.0
KURK	comp-Z,240,SNR=11					
KURK	Kurchatov	44.24 303	P	P	18 50 07.6	+1.1
KURK	comp-Z,240,SNR=11				18 56 32.7	+1.5
KURK	Kurchatov	44.24 303	P	P	18 50 07.6	0.0
KURK	comp-Z,240,SNR=11				18 53 30.0	+0.4
L26K	Log Cabin Wild	44.28 38	P	P	18 50 08.9	+1.1
L26K	comp-Z,279,SNR=85					
KURBB	Kurchatov Arra	44.33 303	P	P	18 50 08.7	+0.5
KURBB	comp-Z,135nm,0.9s,baz=70,slow=9.0,SNR=401					
KURBB	comp-Z,8.8nm,1.2s,baz=74,slow=3.9,SNR=9.0				18 55 30.6	+0.7
KURBB	comp-Z,8.8nm,1.2s,baz=74,slow=3.9,SNR=9.0				18 56 32.7	+0.2
GLB	Gilahina Butte	44.34 41	P	P	18 50 08.8	+0.5
GLB	comp-Z,6.0nm,1.1s,baz=78,slow=17,SNR=5.5				18 50 14.0	
VRDI	Verde Repeater	44.55 41	P	P	18 50 10.8	+0.7
VRDI	comp-Z,98nm,1.0s				18 50 12.0	
LSA	Lhasa	44.58 270	P	P	18 50 12.7	+1.6
LSA	comp-Z,75nm,0.8s					
LSA	Lhasa	44.58 270	i	P	18 50 12.6	+1.5
LSA	SNR=14					
LSA	Lhasa	44.58 270	P	P	18 50 11.8	+0.7
LSA	comp-Z,16nm,0.9s					
LSA	Lhasa	44.58 270	P	P	18 50 11.8	+0.7
K27K	Chicken	44.69 37	P	P	18 50 11.8	+0.9
K27K	comp-Z,93,SNR=306					
PAYA	PAYAO	44.69 37	P	P	18 50 11.4	+0.5
PAYA	comp-Z,4um,comp-Z,566nm,0.9s				18 50 13.2	+1.6
PAYA	PAYAO	44.69 37	P	P	18 50 13.2	+1.6
KOHI	KOHIMA	44.72 264	eP	P	18 50 13.2	+1.6
KOHI	comp-Z,62nm,0.9s				18 50 12.1	+0.3
MCARA	McCarthy VSAT	44.72 41	P	P	18 50 12.2	+1.0
CROM	Crom Cirque	44.79 41	P	P	18 50 13.0	+1.0
TGL	Tana Glacier	44.94 41	P	P	18 50 13.4	+0.3
TGL	comp-Z,130nm,1.0s				18 50 15.3	
EAGL	Eagle	44.96 36	P	P	18 50 12.6	-0.5
BALM	Baldy	45.11 41	I	I	18 50 14.8	+0.3
BALM	comp-Z,106nm,0.8s				18 50 16.4	
ISLE	Juniper Island	45.21 42	P	P	18 50 15.9	+0.6
ISLE	comp-Z,115nm,0.8s				18 50 19.8	
BAKI	Biak	45.33 192	P	P	18 50 17.0	+0.4
BAKI	comp-Z,138nm,1.2s					
UTTA	Uttaradi	45.34 250	P	P	18 50 17.9	+1.2
UTTA	comp-Z,74nm,0.9s					
BARN	Barnard Glacier	45.43 41	I	I	18 50 17.9	+0.8
BARN	comp-Z,87nm,0.8s				18 50 19.2	
LAMP	Lampang	45.44 251	P	P	18 50 18.9	+1.5
LAMP	comp-Z,70nm,0.8s					
TNTI	Ternate	45.47 205	P	P	18 50 18.1	+0.4
TNTI	comp-Z,66nm,1.3s				18 50 18.7	+1.0
MESA	MESA	45.49 42	P	P	18 50 17.1	-0.4
MESA	comp-Z,141nm,1.0s				18 50 19.8	
CM34	Chiang Mai Arr	45.54 252	P	P	18 50 19.0	+0.7
YAH	Yahste	45.55 42	P	P	18 50 18.4	+0.4
CTGM	Chitina Glacie	45.61 41	I	I	18 50 19.8	+0.5
CTGM	comp-Z,143nm,1.0s				18 50 20.5	
CM35	Chiang Mai Arr	45.66 252	P	P	18 50 20.0	+0.8
CHAI	Chaiyaphum	45.68 246	P	P	18 50 20.	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 003E Paynes Creek, HOPS Hopland Field, VSR Storozevoye, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SMMC Simmler, ECR Eagle Creek, DGMT Dagmar, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Power, Mode, and other parameters. Includes stations like L58A Harry Jones Me, H65A Eastbrook, WVT Waverly, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Power, Mode, and other parameters. Includes stations like PAL Palisades, PAL Palisades, MVL Millersville, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Power, Mode, and other parameters. Includes stations like S61A Accomac, U58A Oxford, T60A Sunny, etc.

IDD 08 18:43:42.5i.1.3.7:10S:151.06E,h0km,mb4.6/6, mb1.4/8,mb1mx4.1/52,mbtmp4.7/8,ML2.3/2,MS3.3/3, Ms1.3/3,ms1mx3.0/37 Error ellipse: s-maj=46.9km s-min=16.5km az=122.0 NEIC 08 18:43:46.3i.0.4.7:15S:151.0E,0.1,h26km,5km, mb4.5/7, Error ellipse: s-maj=24.1km s-min=7.6km NOU 08 18:43:50.8,6:90S:150:77E,h64km,mb4.5,New Britain Region, P.N.G. ISC 08 18:43:48.7i.0.8,6:99S:008:00E:0:10,h40km,n25, e1504:25,mb4.5/7,New Britain Region

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Table with columns: MANU, HNR, JAY, KOUNC, WB0, WR0, WR0, WRAB, WB2, WRA, AS31, AS31, ASAR, STKA, STKA, FITZ, FITZ, KLSI, AAK, ILAR, TORD. Each row contains station name, coordinates, and other data.

IDC 08 18:44:14.2-2.1, 20.85N, 122.18E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/73, mbtmt4.0/4, MS3.6/2, Ms1 3.6/2, ms1mx3.1/37, Error ellipse: s-maj=67.3km s-min=24.9km az=47.0
JMA 08 18:44:14.2-2.0, 21.27N, 122.06E, h0km, M4.2
TAP 08 18:44:15.0, 21.13N, 122.23E, h46km, 1km, M4.6, D
NIED 08 18:44:14.3, 21.27N, 122.06E, h0km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn3.76; Mw-1.23; Mw-2.53; Mn3.16; Mw-4.41; Mw-2.10; Fault plane solution: Mb:68000x1015 NP:74.00000, 86.00000, 1.138.00000. NP2:188.00000, 85.50000, 1.38.00000

ISC 08 18:44:13.8-1.5, 21.06N, 122.13E, h6km, 11km, 1159, 1963/282, mb4.0/4, 1C-1D, Taiwan region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various seismic stations and their characteristics.

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Main table with columns: SNJT, EYUL, EYUL, TWFI, YULB, YULB, STYT, STYT, SGST, SGST, HGSD, HGSD, EHY, EHY, CHN1, CHN1, CHN3, CHN3, WTP, WTP, TPUB, TPUB, SNST, SNST, SNST, SNST, TWK, TWK, CHN4, CHN4, CHN4, CHN4, ALS, ALS, SCLT, SCLT, SCLT, SCLT, SGCP, SGCP, ESL, ESL, ESL, ESL, CHN5, CHN5, ICHU, ICHU, ICHU, ICHU, WHYT, WHYT, CHN8, CHN8, CHY, CHY, CHY, CHY, CHN2, CHN2, SSLB, SSLB, WRGB, WRGB, WRGB, WRGB, WDLH, WDLH, WDLH, WDLH, SMLT, SMLT, SMLT, SMLT, WJS, WJS, WJS, WJS, TWD, TWD, TWD, TWD, TYC, TYC, TYC, TYC, WTK, WTK, WTK, WTK, WNT, WNT, WNT, WNT, WNT, WNT, CHGB, CHGB, CHGB, CHGB, WSF, WSF, WSF, WSF, WPL, WPL, WPL, WPL, WNT1, WNT1, WNT1, WNT1, NACB, NACB, NACB, NACB, DPDB, DPDB, DPDB, DPDB, WDGJ, WDGJ, WDGJ, WDGJ, WHF, WHF, WHF, WHF, ETLH, ETLH, ETLH, ETLH.

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Main table with columns: ETLH, RLNB, RLNB, FUSS, FUSS, VCHM, VCHM, VCHM, VCHM, APYP, APYP, TWT, TWT, TWT, TWT, TDCB, TDCB, TDCB, TDCB, WCHI, WCHI, TCU, TCU, TCU, TCU, CVP, CVP, HATJ, HATJ, ENA, ENA, ENA, ENA, WHP, WHP, WHP, WHP, ENAH, ENAH, ENAH, ENAH, NNSB, NNSB, NNSB, NNSB, NNS, NNS, NNS, NNS, PNG, PNG, PNG, PNG, JYNG, JYNG, YOJ, YOJ, YOJ, YOJ, YOI, YOI, YOI, YOI, TWQ1, TWQ1, TWQ1, TWQ1, TWC, TWC, TWC, TWC, WDJ, WDJ, WDJ, WDJ, NSY, NSY, NSY, NSY, NDT, NDT, NDT, NDT, IRIF, IRIF, ENT, ENT, ENT, ENT, JKRS, JKRS, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, NMLH, NMLH, NMLH, NMLH, NSTT, NSTT, NSTT, NSTT, ILA, ILA, ILOB, ILOB, ILOB, ILOB, NWLT, NWLT, NWLT, NWLT, JIJ, JIJ, NTC, NTC, NTC, NTC, TIPB, TIPB, TIPB, TIPB, TIPB, TIPB, NHDH, NHDH, NHDH, NHDH, TWA, TWA, TWA, TWA, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, JISG, JISG, JISG, JISG, TWS1, TWS1, YMO1, YMO1, YMO1, YMO1, YMO1, YMO1, YMO1, YMO1, YMO4, YMO4, YMO4, YMO4, CAUP, CAUP, YMO5, YMO5.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like YMO5, YM11, YM11, YM08, etc.

NIC 08 18:44:46.0.3, 37.26N, 36.77E, h2km, 1km, M4.5/4
ISK 08 18:44:46.2, 37.08N, 36.85E, h10km, M4.4/14
MOS 08 18:44:46.7, 37.37, 12N, 36.92E, h18km, mb4.3/10, Error ellipse: s-maj=7.6km s-min=4.1km az=105.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like KAMA, KAMA, KAMA, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like KAHM, ANDN, ANDN, ANDN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like MVOU, MVOU, MVOU, etc.

Table with columns: TMR, Name, Time, Date, Status, and other identifiers. Includes entries like Tamitsa, Stuetta, Sankt Quirin, Feichten, Walderalm, Beisk, Wattenberg, Vranov, etc.

Table with columns: KOLS, Name, Time, Date, Status, and other identifiers. Includes entries like Kolonické sedl, Kolonické sedl, L'ovnic, Resolute Bay, Uzh, Osservatorio P, Monte Urbino, Malin Aray Be, etc.

Table with columns: BRZS, Name, Time, Date, Status, and other identifiers. Includes entries like Berezniki, Dease Lake, Kurk Kurchatov, Kurchatov Arra, Tuckaleechee C, Eagleton, Eagleton, Nome, Semipalatinsk, etc.

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Table with columns: Code, Station Name, Az, El, Pmax, P, S, Sg, Res. Includes stations like BMO Blue Mountains, HLID Hailey, WMOK Wichita Mounta, etc.

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Table with columns: Code, Station Name, Az, El, Pmax, P, S, Sg, Res. Includes stations like TUC Tucson, ISA Isabella, Lake, BELC Belle Mtn, etc.

Table with columns: Code, Station Name, Az, El, Pmax, P, S, Sg, Res. Includes stations like TRIZ Trizonia, ANX Ano Chora, ALIK Aiki, Aigiali, etc.

THE 08 18:51:35.1, 38°36'N-21°78'E, h3km, 2km, ML2.6/13, Error ellipse: s-maj=2.8km s-min=0.3km az=41.0

ATH 08 18:51:35.7, 38°36'N-21°78'E, h6km, 1km, ML2.5/28, Error ellipse: s-maj=1.8km s-min=0.6km az=295.0, Greece

Table with columns: Code, Station Name, Az, El, Pmax, P, S, Sg, Res. Includes stations like EFP Efpalio, LAKA Lakka, SERG Sergoula, etc.

Table with columns: LKR, comp=N, AML, AML, 18 52 11.7, etc. Includes rows for LKR, VLMS, KEF5, etc.

NEIC 08 18:59:57.0-0.9, 43.382N, 105.105W, 0.04, h0km, 2km, ML3.5/56, Error ellipse: s-maj=9.2km s-min=3.0km az=151.0

IDC 08 18:59:56.1-0.9, 43.386N, 105.54W, h0km, mb3.8/3, mb1 3.8/9, mb1mx3.6/1, mbtmp3.6/9, ML3.6/6, MS4.0/3, Ms1 4.0/3, ms1mx3.1/49, Error ellipse: s-maj=22.0km s-min=7.7km az=146.0

ISC 08 18:59:56.5-0.8, 43.384N, 105.106W, 0.07, h0km, n96, r065/93, mb4.0/3, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes rows for RSSD, PHWY, RWWY, LAO, RLMT, etc.

Table with columns: HVD, Hansel Valley, 5.88 252, Pn, 19 01 23.6 -1.6, etc. Includes rows for PV22, PV07, P17A, etc.

IDC 08 19:02:03.5-1.4, 24.181N, 122.98E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.3/41, mbtmp3.5/5, Error ellipse: s-maj=65.6km s-min=28.8km az=63.0

JMA 08 19:02:06.4-0.1, 23.67N, 122.47E, h29km, M3.4, TAP 08 19:02:07.3, 23.70N, 122.50E, h36km, 1km, ML3.8, D

ISC 08 19:02:05.9-0.8, 23.68N, 122.429E, r0.02, h21km, 3km, n156, r05/283, mb3.4/5, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes rows for HWA, JYNG, TWJ, TWY, etc.

Table with columns: NNS, Nan Shan, 1.27 307, P, 19 02 28.8 +0.2, etc. Includes rows for NNS, FUSS, FUSS, etc.

JMA 08 21:19:45.3,0.3,24.94N,123.48E,h13km, Southwestern Ryukyu Islands

ISK 08 21:39:41.4, 41.2126N, 143.69E, h5km, ML3.1/8
NSSP 08 21:39:41.3, 41.2526N, 143.67E, h10km, Ms3.1
DDA 08 21:39:41.9, 41.2826N, 143.67E, h11km, 4km, ML2.9

MOS 08 21:39:42.8, 1.2, 41.1726N, 143.66E, h14km, mb3.7/1, Error ellipse: s-maj=6.8km s-min=4.3km az=81.3

NORS 08 21:39:44.3, 0.0, 41.2526N, 143.70E, h1km, MPV44.1
ISC 08 21:39:42.2, 1.1, 41.2626N, 143.69E, h1km, 4km, n93, c0.97/155, 3C-13D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists various stations like Dmanisi, Kars, Abastumani, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists various stations like Naichik, Botlikh, Vedeno, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists various stations like TOKA Tokat, TOKA Toka, TOKT Tokat, etc.

Table with columns: DRK, Karamyk, 64.88 315 P, P, 00 14 34.3 -0.7, Iamb, 00 14 36.8

Table with columns: H03S2, Juan Fernandez, 43.23 85 T, T, 00 58 35.8, comp=Z,220m,1.4s

Table with columns: XPFO, Pion Flat, 88.70 15 P, P, 00 17 49.6 +0.6, comp=Z,220m,1.4s

IDC 09:00:04:54.0,54.0,54.1;115x133;24W,h0km,mb4.4/12, mb1.4/6/12,mb1mx4.4/33,mbtmp4.4/12,MS4.8/16, Ms1.4/7/16,ms1mx4.7/21,Error ellipse: s-maj=22.8km s-min=16.3km az=150.0

NEIC 09:00:04:55.9,2.3,54.2;2S:0.1x134;0W:0.2,h10km,1km, mb5.1/98,Error ellipse: s-maj=19.6km s-min=16.4km az=350.0

GCMT 09:00:04:57.9,0.2,54.2;29S:0.01x132;91W:0.01,h13km,1km, MW5.3/132, Moment tensor Solution: s50,c70; s132,c220; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mw=0.15±0.02; Mw0.89±0.03; Mw0.74±0.02; Mw0.10±0.05; Mw0.72±0.02; Mw0.24±0.06; Best double couple: Mo1.11900x1017 NP1.361x1014,000000,876,000000, lambda-3.000000, NP2.26x105,000000,887,000000, lambda-166.000000, Principal axes: T 1.1860, Plg8.00000, Azm339.00000; N -0.1350, Plg76.00000, Azm217.00000; P -1.0510, Plg12.00000, Azm70.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BJJ 09:00:04:58.0,0.0,64.400S;134;20W,h20km,mb5.5/1, Ms5.4/4, Ms7.5/14

ISC 09:00:04:55.8,0.3,54.141S-0108.13399W,0.07,h10km n196,e1948/164,mb5.0/58,MS4.9/23,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Delta AZ, Phase ID, Time, Res, VNA Vanda, 32.33 201 P, P, 00 11 27.1 +2.7

Table with columns: WRA Warramunga Arr, 75.05 257 P, P, 00 16 36.9 -0.8, comp=Z,5.0m,0.9s,baz=145,slow=5.3,SNR=13

Table with columns: YKA Yellowknife Ar, 117.28 10 PKP, PKPdf, 00 23 39.1 -0.7, comp=Z,0.2nm,0.4s,baz=178,slow=5.2,SNR=5.5

9d 6h

Table with columns: LKDD, comp=N, 490um, 0.3s, AML, AML, 05 10 36.1, etc. Includes stations like LKDD, TSKD, AST1, PDO, PDO, PDO, PDO, RLS, RLS, DRO, IGT, KLV, STON, HVAR, HVAR, KJUV, KJUV, MORI.

IDC 09 05:23:58.9, 1, 3, 0, 17N:126:09E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/29, mbtmp3.6/5, MS2.8/2, Ms1 2.8/2, ms1mx2.6/36, Error ellipse: s-maj=136.0km s-min=21.4km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SIJI, WRA, GUMO, ASAR, STKA, SONM, MKAR.

SNET 09 05:33:30.0, 1, 2, 14:46N:89:12W, h10km, mb3.8/1, GCG 09 05:33:31.6, 0.4, 15:47N:89:59W, h77km, MD3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TACO, MRL, CEDA, COEG, COEB, NBG, FAGO, PCG, LCND, MKAR.

IDC 09 05:53:17.0, 2, 3, 6:30S:130:10E, h0km, mb3.8/1, mb1 3.8/4, mb1mx3.6/30, mbtmp3.6/4, ML3.5/3, Error ellipse: s-maj=88.7km s-min=29.2km az=78.0, Banda Sea

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

NOU 09 05:54:24.5, 3, 37:28S:176:91E, h267km, MLV4.3, North Island, New Zealand

WEL 09 05:54:27.6, 3, 37:53S:177:7E, h240km, 4km, M3.6/68, MLV3.6/68, Error ellipse: s-maj=0.0km s-min=0.0km az=5.2

IDC 09 05:54:28.3, 1, 2, 37:79S:176:89E, h239km, 3km, mb3.5/3, mb1 3.7/4, mb1mx3.4/17, mbtmp4.1/4, Error ellipse: s-maj=50.2km s-min=23.2km az=127.0

NEIC 09 05:54:29.7, 1, 2, 37:50S:176:5E, 0.2, h231km, 11km, mb4.2/4, ML4.2(WEL), Error ellipse: s-maj=19.5km s-min=12.9km az=92.0

ISC 09 05:54:29.1, 0.8, 37:50S:176:62E, 0.06, h238km, 5km, n197, s121/211, mb4.0/5, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OPRZ, TGRZ, MYRZ, WHRZ, MARZ, MARZ, EDJR, OMRZ, KMRZ, NGRZ, TARZ, UTU, HRRZ, URZ, URZ, HSRZ, TOZ, HRRZ, HRRZ, HAZ, RUGZ, MUGZ, PRRZ, KUZ.

Main table with columns: WPRZ, ALRZ, MWZ, RTZ, KUTZ, RGTZ, TLZ, PKGZ, TWGZ, MXZ, HYZ, TKGZ, MTHZ, WIAZ, WATZ, SNGZ, HUZ, PUAZ, HINZ, ETAZ, WMGZ, RAHZ, RIGZ, RIGZ, RATZ, GRZ, MIAZ, RITZ, CNZ, NMHZ, EPZ, AWAZ, KATZ, WHZ, BHZ, ABZ, BAZ, HAZ, HIZ, WTAZ, PRGZ, TWZ, KRZ, ETVZ, RVZ, ARHZ, WTVZ, OTZ, TWZ, NGZ, TUZ, KWHZ, MHZ, HWZ, MCHZ, WHVZ, DRZ, TRZ, WNVZ, MOVZ, BHZ, PKVZ, MTVZ, KRZ, WRZ, CKHZ, KAHZ, WAZ, PNZ, PHZ, OTKZ, WPHZ, WAZ, WAZ, LREZ, NEZ, PRZ, PKE, KHEZ, PRH, NBEZ, DVHZ, NMEZ, OHWZ, ANWZ, POWZ, PRZ, BFZ, MRZ, TIWZ, OUZ, OUZ, CPWZ, GOWZ, KIW, TMWZ, HNWZ, CAW, DUWZ, TRWZ, PAWZ, WEL, MSWZ, MSWZ, SWZ, TCW, BHW, BHW, PLWZ, PLWZ, TUWZ, TUWZ, NNZ, NNZ, QRZ, QRZ, CMWZ, CMWZ, BSWZ, THZ, THZ, KHZ, KHZ, DSZ, GYZ, LTZ, LTZ, AMZ, INZ, OKZ, OXZ, OXZ, MOZ, AKCZ, RAZ, WVZ, WACZ, RPZ, RPZ, RPZ, GSCZ, ARZ, FOZ, FOZ, FMZ, FMZ, LBZ, LBZ, OZ, OZ, WKZ.

Table with columns: WKZ, RAO, EAZ, HUZ, HUZ, MLZ, MLZ, WHZ, SYZ, DCZ, COEN, ASAR, WRO, WRO, WRA, WRA, WBO, WBO, CMAR, ARCES, IDC 09 06:44, IDC 09 06:44, NEIC 09 06:44, ANF 09 06:44, ISC 09 06:44, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WKZ, RAO, EAZ, HUZ, HUZ, MLZ, MLZ, WHZ, SYZ, DCZ, COEN, ASAR, WRO, WRO, WRA, WRA, WBO, WBO, CMAR, ARCES, IDC 09 06:44, IDC 09 06:44, NEIC 09 06:44, ANF 09 06:44, ISC 09 06:44, Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TPGR Topolog, TLBR Topalu, RASA Rasa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like QSPA, KKM, MJAR, ADK, PEABO, PETK, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NMR, GRPR, GRPR, YUK, YUK, YUK, etc.

UPA 09:08:24:13.2-1.2, 6:10N-77.63W, h0km, 6km, MW4.7

RSNC 09:08:24:15.6-0.9, 6:32N-77.48W, h0km, 5km, ML2.5

ISC 09:08:24:14.4-1.1, 6:26N-0.04-77.58W, 0.05, h10km, n19, s=144/30, Near west coast of Colombia

ISC 09:09:00:45.2-5.4, 15N-86.16E, h0km, mb1.3/0.2, mb1mx2.9/5.0, mbtmp2.9/5.0, ML2.5/2, Error ellipse: s-maj=18.9km s-min=12.4km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, etc.

ISC 09:09:12:47.8-3.8, 38:01N-142:01E, h98km, 34km, mb3.0/4, mb1 3.2/7, mb1mx3.1/43, mbtmp3.4/7, Error ellipse: s-maj=35.7km s-min=24.4km az=103.0

JMA 09:09:12:53.6, 38:17N-141:21E, h65km, 1km, M3.7

ISC 09:12:53.7-1.4, 38:18N-104:41:28E, 0:07, h64km, 9km, H0nsu, s=142/36, mb3.2/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like JIKH, JIKH, JIO, JMM, JMM, etc.

IDC 09:09:34:21.3-6.1, 7:14S-155:01E, h52km, 53km, mb3.9/9, mb1 4.2/10, mb1mx3.8/33, mbtmp4.2/10, ML2.2/1, MS3.3/8, Ms1 3.3/8, mb1mx3.1/27, Error ellipse: s-maj=34.4km s-min=24.8km az=108.0

NEIC 09:09:34:24.5-2.0, 7:10S:0:10-154:8E:0:1, h78km, 8km, mb4.3/11, Error ellipse: s-maj=19.9km s-min=5.1km az=47.0

ISC 09:09:34:20.6-0.7, 7:18S:0:08-155:06E:0:10, h41km, n31, s=118/23, mb4.3/16, MS3.1/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RABL, RABL, HNR, PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PTAC, PTAC, DBBC, DBBC, CBCC, CBCC, PLMC, PLMC, etc.

NEIC 09:08:40:25.0-1.7, 21:8S:0:1-179:42W:0:09, h59km, 8km, mb4.3/11, Error ellipse: s-maj=18.1km s-min=8.1km az=145.0

IDC 09:08:40:26.4-1.8, 21:72S-179:55W, h60km, 20km, mb3.3/11, mb1 3.9/13, mb1mx3.4/23, mbtmp4.3/13, Error ellipse: s-maj=20.7km s-min=15.9km az=132.0

ISC 09:08:40:24.6-0.5, 21:94S:0:08-179:44W:0:09, h592km, n34, s=160/34, mb4.1/17, Fiji Islands region

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

WEL 09:18:30:2.44S:3:170E, h5km, 2km, M2.6/12, mb5.3/1, ML2.6/12, ML2.6/12, MW(mb)4.7/1, Error ellipse: s-maj=0.0km s-min=0.0km az=94.5, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FOZ, GCSZ, JCZ, JCZ, etc.

IDC 09:09:44:02.0-3.6, 53:63N-90:72E, h0km, mb1 2.9/3, mb1mx2.9/36, mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=34.6km s-min=14.3km az=30.0

NNC 09:09:44:03.8-6.5, 53:52N-90:54E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=56.0km s-min=43.1km az=14.0, Suspected Mining explosion.

ISC 09:09:44:02.9-4.1, 53:7N:0:2-90:6E:0:2, h0km, n8, s=193/10, 3C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, ZALV, ZALV, etc.

IDC 09 09:54:03.4.2.5, 53.75N-86.93E, h0km, mb1.3, 1/2, mb1mx2.9/43, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=22.9km s-min=13.1km az=70.0

NNC 09 09:54:05.4.5.7, 53.65N-86.78E, h0km, mb2.8, mpv2.7, Error ellipse: s-maj=68.2km s-min=27.7km az=30.0, Suspected Mining explosion.

ISC 09 09:54:03.4.6.53.8N-02.86.9E:0.2, h0km, n7, s1955/8, 3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO, ZALV Zalesovo Beam, ZALV, ZALV, KURK Kurchatov, KURK, KURB Kurchatov Arra, KURB, KURB, MKAR Makanchi Array, MKAR, MKAR.

SOME 09 09:58:13.5, 43.77N-69.63E KRNET 09 09:58:16.0.0.1, 43.49N-69.44E, mb3.0

NNC 09 09:58:16.0.1.8, 43.65N-69.77E, h0km, mb3.8, mpv3.3, Error ellipse: s-maj=10.9km s-min=5.5km az=129.0

ISC 09 09:58:19.3.2.2, 43.50N-07.69.72E:0.10, h0km, n17, s1958/26, 13C-7D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, IUG luzhnyay, TRKS Terek-Say, TRKS, MNAS Manas, MNAS, MRKS Merke, MRKS, EKS2 Erkin-Say, EKS2, AML Almayashu, AML, ARSB Arslanbob, ARSB, BTLS Baital, BTLS, USP Oshpovka, USP, SGDS Sogindy, SGDS, AAK Ala-Archa, AAK, ARLS Aral, ARLS, TKM2 Takmak 2, TKM2, DGS Degeres, DGS, KST Kasteik, KST, KTBS Karatobe, KTBS.

WEL 09 09:59:02.3, 43°S, 171°E, h11km, 2km, M3.5/9, ML3.7/9, ML3.5/9, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like INZ Inchbonnie, WYZ Waitaha Valley, MHCZ Mount Hutt, MHCZ, OXZ Oxford, OXZ, RPZ Rata Peaks, RPZ, GCSZ Gaunt Creek Bo, GCSZ, LTZ Lake Taylor, LTZ, ARCC Arundel, ARCC, RACZ Rakaia, RACZ, WACZ Wakanaui South, WACZ, AMCZ Amberley, AMCZ, MOZ McQueen's Vall, MOZ, GVZ Greta Valley S, GVZ, TMZ Timaru, TMZ, DSZ Denniston Nort, DSZ, AKCZ Akaroa Harbour, AKCZ, OKCZ Okains Bay, OKCZ, LBZ Lake Benmore, LBZ, THZ Tophouse, THZ, KHZ Kahutara, KHZ, ODZ Otahua Downs, ODZ, JCZ Jackson Bay, JCZ, BSWZ Blackbirch Sta, BSWZ, NNZ Nelson, NNZ, QRZ Quartz Range, QRZ.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WKZ Wanaka, TUWZ Tuamarina, EAZ Eamsleigh, HHSZ Highcliff Hill, TCW Tony Channel, MSZ Milford Sound, DUWZ D'Urville Isla, TUZ Tuapeka, TLZ Mavora Lakes, MSWZ Moikau Station, CAWZ Cannon Point, KIW Kapiti Island, OGWZ Otaki Gorge, MTW Mount Morrison, WHZ Wether Hill Ro, SYZ Scrubby Hill, GYZ Mangatainoka R, NMEZ Namu Road, NBEZ Newall Road No, KHEZ Kahui Hut, LREZ Lake Rotokare, PRKZ Palmer Road, WAZ Wanganui, WAZ West Egmont, PKE Pukeiti, DREZ Durham Road, APZ The Paparoa, TSZ Takapari Road, VRZ Vaka Road, PNHZ Pukenui, WNVZ Whianhoa, NGZ Ngauruhoe, OTVZ Otutere, WTVZ West Tongariro, TMVZ Te Maari, HIZ Hauiti, BKZ Black Stump Fm, TOKZ Tahuroa Road, AWAZ Awahitu Peninsula, WTAZ Waitarua, WIAZ Waiheke Island.

BYKL 09 10:05:07.7.0.3, 56.16N-113.77E, h7km, 5km, 1C-2D, East of Lake Baykal

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SVKR Severomysk, SVKR, SVKR, SVKR, UKT Uakit, UKT, UKT, NLYR Nelyaty, NLYR, NLYR, NLYR, YOA Uoyan, YOA, YOA, YOA, KMO Kumora, KMO, KMO, KMO, BOD Bodaibo, BOD, BOD, BOD, YLYR Ulyunkhan, YLYR, YLYR, YLYR, NIZ Nizh Angarsk, NIZ, NIZ, NIZ, NIZ, CRS Chara, CRS, CRS, CRS, SYVR Suvo, SYVR, SYVR, SYVR, TUP Tupik, TUP, TUP, TUP, OGRR Ougreny, OGRR, OGRR, OGRR, YKLR Yuktali, YKLR, YKLR, KPC Khapcheranga, KPC, KPC, KPC, KPC.

BYKL 09 10:05:34.0.1.8, 56.20N-113.71E, East of Lake Baykal

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SVKR Severomysk, SVKR, SVKR, SVKR, UKT Uakit, UKT, UKT, NLYR Nelyaty, NLYR, NLYR, NLYR, KMO Kumora, KMO, KMO, KMO, YLYR Ulyunkhan, YLYR.

YLVR Smax 220nm, 1.2s

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRKS Terek-Say, TRKS, BTK Batken, BTK, TAS Tashkent, TAS, IUG luzhnyay, IUG, IUG, ARSB Arslanbob, ARSB, MNAS Manas, MNAS, KK31 Karatay Array, KK31, AML Almayashu, AML, MRKS Merke, MRKS, MRKS, MRKS, EKS2 Erkin-Say, EKS2, EKS2.

IDC 09 10:51:56.0.15.0, 10.74N-87.65W, h0km, mb3.2/4, mb1.3/74, mb1mx3.5/30, mbtmp3.3/4, Error ellipse: s-maj=31.3km s-min=11.4km az=5.0

INET 09 10:52:16.6, 12.44N-87.93W, h15km, ML3.7, UCR 09 10:52:17.9.1.5, 12.49N-87.99W, h36km, 535km, ML4.2, MW3.7

SNE 09 10:52:18.4.0.1.2, 54N-88.01W, h32km, 7km, ML4.2, INE 09 10:52:16.0.1.2, 12.36N-0.05, h32km, 10km, n46, s144/65, mb3.1/4, 4C, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CNCH Conchagua, CNCH, CNCH, CNCH, PACA Pacayal, PACA, PACA, PACA, TECA Tecapa, TECA, TECA, COEB Comit de Eme, COEB, COEB, COEB, FAGO Alcaldia de S, FAGO, FAGO, FAGO, COEG Centro de Oper, COEG, COEG, COEG, PAVA Las Pavas, PAVA, PAVA, PAVA, LBRS Las Brisas, LBRS, LBRS, LBRS, TGUH Tegucigalpa,Un, TGUH, TGUH, TGUH, SNET Serv Nac Est T, SNET, SNET, SNET, UUES Universidad Ev, UUES, UUES, UUES, BOQS Boqueron, BOQS, BOQS, BOQS, JAYA Jayaque - finc, JAYA, JAYA, JAYA, TACO Tacachico, TACO, TACO, TACO, SBLS San Blas, SBLS, SBLS, SBLS, JTS Las Juntas de, JTS, JTS, FINEA La Fe, P, FINEA, FINEA, JACO Garabito, JACO, JACO, LCR2 La Lucha 2, LCR2, LCR2, RIMA Rio Macho, RIMA, RIMA, DRKO Durika, DRKO, DRKO, RINCOON, RINCOON, PIRO Paretta, PIRO, PIRO, TXAR Lajitas Array, TXAR, TXAR, PDAR Pinedale Array, PDAR, PDAR, NVAR Mina Array Bea, NVAR, NVAR, YKA Yellowknife Ar, YKA, YKA.

SOME 09 10:58:54.9.0.1, 42.27N-79.57E, h10km KRNET 09 10:58:54.9.0.1, 42.25N-79.61E, h12km, mb3.1

NNC 09 10:58:55.3.1.3, 42.34N-79.66E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=8.5km s-min=4.8km az=140.0

ISC 09 10:58:55.9.1.4, 42.32N-0.06, 79.68E:0.04, h10km, n55, s1908/99, 18C-10D, Lake Issyk-Kul region

2015 JAN

9d 11h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KST, Lg, Lg, Time, Res. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KST, Lg, Lg, Time, Res. Includes stations like KUU Kurty, KUU Kurty, KUU Kurty, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KST, Lg, Lg, Time, Res. Includes stations like POWZ Post Office Ro, ANWZ Angora Road, PRWZ Port Road, etc.

ISK 09 11:21:16.5, 38°89'N, 43°55'E, h1km, ML2.7/11
DDA 09 11:12:17.4, 38°91'N, 43°47'E, h7km, 4km, ML2.4
ISC 09 11:12:16.5-1, 0, 38.86N, 0.02, 43.56E, 0.03, h17km, gkm, n23, c087/37, Turkey

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

TAP 09 11:35:06.9, 24°84'N, 122°20'E, h10km, ML3.1, C
JMA 09 11:35:07.2, 24°73'N, 122°21'E, h0km, M2.3
ISC 09 11:35:05.8-1, 0, 24.87N, 0.03, 122.26E, 0.02, h11km, 8km, n71, c099/126, 10, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KST, Lg, Lg, Time, Res. Includes stations like TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWB1 Santiao Chiao, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TATO, YMO4, TWY, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like CHN1, TSMG, MASBT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like AC01, AC02, AHML, etc.

9d 11h

2015 JAN

342A	Flagon Creek P	56.15 336	P	P	11 57 56.9 +0.3
W57A	Gilead	56.23 349	P	P	11 57 57.3 +0.2
W57A	Gilead	56.23 349	P	I/Amb	11 57 57.9 +0.8
W57A	comp=Z,13nm,0.8s				11 57 58.3
W56A	Indian Trail	56.32 349	P	P	11 57 57.8 0.0
Y49A	Blount Mountain	56.46 343	P	I/Amb	11 57 58.9 0.0
Y49A	comp=Z,13nm,1.1s				11 57 59.1
KM5C	Kings Mountain	56.47 348	P	P	11 57 59.5 +0.6
V59A	Middlesex	56.55 351	P	P	11 58 00.5 +1.2
833A	Chaparral WMA,	56.66 328	P	P	11 58 01.1 +0.7
V58A	Windy Hill, Pi	56.71 350	P	P	11 58 01.3 +0.8
V57A	Coltrane Farms	56.91 350	P	P	11 58 01.9 0.0
V56A	Mocksville	56.96 349	P	P	11 58 02.9 +0.6
V59A	Littleton	57.06 352	P	P	11 58 03.9 +0.9
X48A	Hartselle	57.20 342	P	P	11 58 03.5 -0.5
X48A	comp=Z,21nm,1.0s				11 58 04.5
U58A	Oxford	57.21 351	P	P	11 58 05.2 +1.2
U57A	Blanch	57.37 350	P	P	11 58 05.3 +0.2
NATX	Nacogdoches	57.41 334	P	P	11 58 06.3 +0.7
W50A	Signal Mountain	57.43 344	I/Amb	I/Amb	11 58 06.0
U56A	King	57.46 349	P	P	11 58 06.7 +0.9
TKL	Tuckaleechee C	57.49 346	I/Amb	I/Amb	11 58 07.2
V52A	Sevierville	57.63 346	I/Amb	I/Amb	11 58 07.8
U54A	Nelsons Funny	57.90 348	P	P	11 58 09.2 +0.2
U57A	Hurt	57.91 350	P	P	11 58 09.5 +0.5
TOXF	Oxford	57.97 340	P	P	11 58 09.0 -0.4
OXF	Oxford	57.97 340	P	P	11 58 09.0 -0.4
PLAL	Pickwick Lake	57.99 342	P	I/Amb	11 58 08.7 -0.9
PLAL	comp=Z,14nm,0.9s				11 58 10.1
Z41A	Richland Creek	58.01 336	P	P	11 58 10.2 +0.5
T56A	Rocky Mt	58.07 350	P	P	11 58 11.0 +0.9
BLA	Blacksburg	58.31 349	P	P	11 58 12.3 +0.5
X43A	Marvell	58.46 339	P	P	11 58 13.5 +0.7
CLTN	Cedars of Leba	58.54 344	I/Amb	I/Amb	11 58 14.0
JCT	Junction City	58.64 329	P	P	11 58 14.4 +0.2
R61A	Willards	58.73 354	P	P	11 58 14.5 0.0
R60A	Leonardtown, M	58.80 353	P	P	11 58 15.9 +0.9
WHTX	Lake Whitney,	58.81 332	P	P	11 58 15.7 +0.3
WHTX	Lake Whitney,	58.81 332	I/Amb	I/Amb	11 58 16.7
HPIG	comp=Z,7.4nm,0.7s	58.98 322	I/Amb	I/Amb	11 58 18.4
WVT	Waverly	58.99 342	P	P	11 58 15.7 -0.8
WVT	Waverly	58.99 342	P	P	11 58 15.4 -1.0
S54A	Dingars, Beckl	59.04 349	P	P	11 58 17.1 +0.2
R57A	Stanardsville	59.07 351	P	P	11 58 17.7 +0.7
X40A	Basin Creek Fa	59.12 337	P	P	11 58 17.8 +0.4
SLBS	Sierra La Lagu	59.28 316	P	P	11 58 20.4 +1.6
R55A	Marlington	59.30 350	P	P	11 58 19.7 +1.0
R56A	Bull Pasture M	59.31 350	P	P	11 58 20.5 +1.8
R54A	Victor	59.36 349	P	P	11 58 19.4 +0.4
Q59A	Harwood	59.39 353	P	P	11 58 20.0 +0.8
MIAR	Mount Ida	59.44 336	P	P	11 58 19.6 -0.1
MIAR	Mount Ida	59.44 336	P	I/Amb	11 58 19.9 +0.3
MIAR	comp=Z,14nm,0.8s				11 58 20.7
W41B	Gary Mavity, V	59.52 338	P	P	11 58 19.7 -0.5
WHAR	Woolly Hollow	59.64 338	P	I/Amb	11 58 21.0 0.0
WHAR	comp=Z,10nm,0.9s				11 58 21.3
TX31	Lajitas Ar. Si	59.70 325	P	P	11 58 22.3 +0.7
TX31	comp=Z,8.0nm,0.8s				11 58 22.6
TX32	Lajitas Arroy	59.70 325	P	P	11 58 21.9 +0.2
TXAR	Lajitas Arroy	59.70 325	P	P	11 58 21.8 +0.1
Q57A	Strasburg	59.78 352	P	P	11 58 21.8 -0.1
Z35A	Percheven, San	59.86 333	P	P	11 58 23.2 +0.7
LCAR	Lake Charles	59.96 339	P	P	11 58 23.0 -0.1
LCAR	comp=Z,11nm,0.7s				11 58 23.5
W39A	Magazine	60.10 337	P	P	11 58 24.6 +0.5
Q54A	Coxs Mills	60.11 349	P	P	11 58 23.9 -0.2
Q53A	Leroy	60.11 349	P	P	11 58 24.5 +0.3
FCAR	Ozark Folk Cen	60.13 338	P	P	11 58 23.8 -0.5
FCAR	comp=Z,11nm,0.9s				11 58 24.6
X37A	Clayton	60.17 335	P	P	11 58 24.8 +0.1
ABTX	Ablene, Hawle	60.34 330	P	P	11 58 26.1 +0.2
ABTX	Ablene, Hawle	60.34 330	P	I/Amb	11 58 26.2 +0.4
ABTX	comp=Z,14nm,1.0s				11 58 27.2
PBMO	Poplar Bluff	60.37 340	P	P	11 58 25.5 -0.5
MCWV	Mont Chateau	60.60 350	P	P	11 58 28.2 +0.7
MCWV	Mont Chateau	60.60 350	P	I/Amb	11 58 29.2
P53A	Whippo	60.70 349	P	P	11 58 28.6 +0.5
U40A	Yellville	60.80 338	P	P	11 58 28.3 -0.5
U40A	Yellville	60.80 338	I/Amb	I/Amb	11 58 29.6
P52A	Corning	60.98 348	P	P	11 58 29.8 -0.2
O56A	Blue Knob Stat	61.02 352	P	P	11 58 30.6 +0.3
HHAR	Hobbs	61.12 337	I/Amb	I/Amb	11 58 31.9
MGMO	Mountain Grove	61.22 339	P	P	11 58 32.3 -0.1
MGMO	comp=Z,12nm,0.8s				11 58 33.1
O53A	New Philadelphia	61.41 349	P	P	11 58 32.9 0.0
P49A	Miami Univ. Ec	61.41 346	P	P	11 58 32.6 -0.4
U38A	Gravette	61.43 337	I/Amb	I/Amb	11 58 38.0
TUL1	Leonard	61.50 335	P	P	11 58 33.5 -0.1
TUL1	Leonard	61.50 335	I/Amb	I/Amb	11 58 34.8
ACSO	Alum Creek Sta	61.72 348	P	P	11 58 34.9 -0.1
CCM	Cathedral Cave	61.80 340	P	P	11 58 35.1 -0.5
CCM	Cathedral Cave	61.80 340	P	I/Amb	11 58 35.5 -0.1
CCM	comp=Z,18nm,0.9s				11 58 36.3
N54A	Moraine State	61.90 351	P	P	11 58 36.7 +0.5

QUOK	Quay	62.09 335	I/Amb	I/Amb	11 58 38.6
L65A	Cape Cod Natio	62.12 359	P	P	11 58 38.6 +1.0
R40A	Maddies Statio	62.35 339	P	P	11 58 39.2 0.0
R40A	comp=Z,14nm,0.8s				11 58 39.8
MNTX	Cornudas Mount	62.47 325	P	P	11 58 40.0 -0.1
MNTX	Walton	62.47 325	P	P	11 58 40.1 -0.1
L59A	Walton	62.53 335	P	P	11 58 40.7 +0.3
T35A	Sooner Cattle	62.66 335	I/Amb	I/Amb	11 58 43.2
MSTX	Muleshoe	62.93 329	P	P	11 58 43.1 -0.2
MSTX	Muleshoe	62.93 329	P	I/Amb	11 58 43.4 0.0
MSTX	comp=Z,18nm,0.9s				11 58 44.4
AMTX	Amarillo	63.16 330	P	P	11 58 45.0 +0.2
SNA4	Sanae	63.33 161	P	P	11 58 46.9 +1.4
SNA4	comp=Z,2.0nm,0.7s,baz=320,slow=7.1,SNR=6.7	63.33 161	P	P	11 58 46.9 +1.4
SNA4	Sanae	63.33 161	I/Amb	I/Amb	11 59 16.2
P40A	Paris	63.40 340	P	P	11 58 45.7 -0.5
L46A	N Adams	63.65 347	P	P	11 58 47.3 -0.4
HSIG	HSig	63.67 319	I/Amb	I/Amb	11 58 49.9 +1.7
P38A	Dawn	63.97 339	I/Amb	I/Amb	11 58 50.7
319A	Douglas	64.39 322	I/Amb	I/Amb	11 58 55.5
121A	Cookes Peak, D	64.41 324	P	P	11 58 54.6 +1.4
121A	Cookes Peak, D	64.41 324	I/Amb	I/Amb	11 58 55.9
KSU1	Kansas State U	64.60 336	P	P	11 58 53.7 -0.4
R32A	Long Quarter	64.83 335	I/Amb	I/Amb	11 58 56.9
ANMO	Albuquerque	65.55 327	P	P	11 59 01.3 +0.8
ANMO	Albuquerque	65.55 327	P	P	11 59 01.6 +1.0
CBKS	Cedar Bluff	65.58 334	P	P	11 59 00.9 +0.4
N35A	Tabor	65.80 338	P	P	11 59 02.0 +0.3
TUC	Tucson	65.94 322	P	P	11 59 04.1 +1.2
TUC	Tucson	65.94 322	P	P	11 59 04.2 +1.2
TUC	comp=Z,10nm,1.3s				11 59 05.6
F64A	Sherman	65.95 0	P	P	11 59 02.1 -0.5
F64A	comp=Z,24nm,1.1s				11 59 11.5
JFWS	Jewell Farm	65.98 343	P	P	11 59 02.9 0.0
T25A	Trinidad	66.27 330	P	P	11 59 06.0 +0.9
E63A	Oxbow	66.51 0	P	P	11 59 08.7 +2.6
214A	Organ Pipe Nat	66.88 320	P	P	11 59 10.9 +2.0
214A	Organ Pipe Nat	66.88 320	I/Amb	I/Amb	11 59 12.0
KSCO	Kaye Sheddock'	66.98 332	P	P	11 59 10.4 +0.9
KSCO	Kaye Sheddock'	66.98 332	I/Amb	I/Amb	11 59 11.5
BGNE	Begrade	67.19 337	P	P	11 59 11.0 +0.3
SDCO	Great Sand Dun	67.28 329	P	P	11 59 12.8 +1.1
SDCO	Great Sand Dun	67.28 329	I/Amb	I/Amb	11 59 14.0
SFX	San Felipe	67.50 318	P	P	11 59 14.3 +1.6
SFX	comp=Z,11nm,0.8s				11 59 15.6
X16A	Lo Mia Camp, P	67.85 323	P	P	11 59 16.8 +1.6
X16A	comp=Z,7.7nm,0.9s				11 59 18.1
SPX	San Pedro Mart	67.88 318	P	P	11 59 17.4 +1.8
SPX	comp=Z,9.1nm,1.0s				11 59 18.4
S22A	4UR Ranch, Cre	67.92 328	P	P	11 59 16.8 +1.1
S22A	4UR Ranch, Cre	67.92 328	P	P	11 59 16.9 +1.1
Q24A	Divide	68.08 330	P	P	11 59 17.9 +1.2
Q24A	Divide	68.08 330	P	P	11 59 17.6 +0.9
Q24A	comp=Z,14nm,1.1s				11 59 18.8
LIC	Lamto	68.14 74	eP	P	11 59 16.4 -0.8
TIC	Toumoudi	68.33 74	eP	P	11 59 17.6 -0.8
MVCO	Mesa Verde	68.35 327	P	P	11 59 19.5 +1.2
MVCO	Mesa Verde	68.35 327	P	P	11 59 18.4 +0.1
MVCO	comp=Z,9.0nm,0.9s				11 59 20.1
K13A	Keane	68.46 74	eP	P	11 59 18.6 -0.6
K13A	O'Neill	68.46 337	P	P	11 59 18.3 -0.3
DBIC	Dimbokro	68.48 74	P	P	11 59 18.9 -0.4
DBIC	comp=Z,24nm,0.8s,baz=220,slow=6.1,SNR=36	68.48 74	P	P	11 59 17.8 -1.5
WU4Z	Wupatki	68.61 324	P	P	11 59 21.6 +1.6
WU4Z	Wupatki	68.61 324	P	I/Amb	11 59 21.9 +1.6
WU4Z	comp=Z,16nm,0.9s				11 59 22.9
ECSD	EROS Data Cent	68.68 339	P	P	11 59 20.4 +0.5
SPMN	Marine on St.	68.83 342	P	P	11 59 20.4 -0.3
ESJX	Sierra Juárez	68.84 318	P	P	11 59 22.6 +1.2
ESJX	comp=Z,12nm,1.2s				11 59 23.6
ISCO	Idaho Springs	68.97 330	P	P	11 59 23.3 +1.2
ISCO	Idaho Springs	68.97 330	P	P	11 59 21.2 -1.0
PV13	Radium Mtn., P	69.24 327	P	P	11 59 25.0 +1.3
PDMCI	Parker Dam, Lak	69.33 321	P	P	11 59 25.8 +1.7
IKP	In-Ko-Pah, Jac	69.38 319	P	P	11 59 26.3 +1.7
SWSC	Sam W. Stewart	69.39 319	P	P	11 59 26.2 +1.7
TKX	TKX	69.63 318	I/Amb	I/Amb	11 59 28.1
B3C	Big Chuckawall				

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like WDC Whiskeytown Da, M04C Macdoel, K05A Summer Lake, M02C Callahan, K04D Chiloquin, OR, L04D Klamath Falls, J05D Fort Rock, OR, PINE Pine Mountain, WALA Waterdon Lakes, J04D Umpqua Natona, FFC Flin Flon, HUMO Hill Mountain, L02E Cave Junction, H05D Terrebonne, OR, I04A Tendick Farm, K02D Willamette Mer, HAWA Hanford, D08A Wollman Farm, G05D Wamic, OR, J01E Myrtle Point, H04A Detroit Lake, I03D Drain, OR, E07A Sunnyside, H04D Lebanon, F05D White Salmon, I02D Swisshome, FCC Fort Churchill, LTY Liberty, D05A Enumclaw, B06A Marblemount, B05A Bryant, D03D Eldon, ESCD Sonseca Array, YKA Yellowknife Arr, GERES GRESS Array B, ILAR Eileison Arr, H11S2 WAKE ISLAND Hy27.67 278 T, H11S1 WAKE ISLAND Hy27.68 278 T, H11S3 WAKE ISLAND Hy27.69 278 T, H11N3 WAKE ISLAND Hy27.72 280 T, H11N2 WAKE ISLAND Hy27.74 280 T, H11N1 WAKE ISLAND Hy27.74 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, KSH Kashi, MKAR Makanchi Array, WMQ Urumqi, USRK Ussurysk Arr, SJJI Sorong, MJAR Matsushiro Arr, MAT Matsushiro, SONM Songoing Array, SONN SONG, KSR5 Korea Array, HHC Hu-ho-hao-te, LZH Lanzhou, NJ2 Nanjing, CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like WBO Warramunga Arr, GSPA South Pole Key, QSPA South Pole Key, SNA4 Sanae, SNA5 Sanae, BO5A Boshof, CMAR Chiang Mai Arr, NVAR Mina Array Bea, TXAR Lajitas Array, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like LESP3 La Esperanza, BAGA3 Bagala, Chiriq, BAGA3 Bagala, PEDE3 Pedregal, Chir, PEDE3 Pedregal, LOCO3 Loma Colorado, LCHGR, PIRO Carate, Puerto, PIRO Carate, Puerto, PTJ1 Puerto Jimnez, PTJ1 Puerto Jimnez, PTAR3 Pterotriles Ar, PTAR3 Pterotriles Ar, BC02 Palmira, BC02 Palmira, GUAL3 Guacala, Chiri, BRU2 Volcan, BRU2 Volcan, BRU2 Volcan, EDSV San Vito, BC3P Paso Ancho, BC3P Paso Ancho, RIOS Rincon, Osa, REME3 Remedios, Chir, REME3 Remedios, Chir, CHGR2 Aguacate, CHGR2 Aguacate, EDPN Palmar Norte, NANC3 Nancito, Chiri, EDBA Buenos Aires, DRKO Durika, DRKO Durika, PVID3 Puerto Vidal, PVID3 Puerto Vidal, PEZE Perez Zeledon, EDDO Dominical, GMAL3 Guarumal, Vera, GMAL3 Guarumal, Vera, RIMA Rio Macho, LCR2 La Lucha 2, CVTR Volcan Turrial, HDB Heredia, HDC Heredia, JACO JACO, Garabito, AZU Azuero, AZU Azuero, FORC Fortuna, CASO Castillo, CEDE Laguna Cededo, JTS Las Juntas de, JTS Las Juntas de, ORTE Ortega, Santa, LAPC Finca la Perla.

TAP 09 12:35:40.7, 24:88N, 122:42E, h16km, ML2.6, C
JMA 09 12:35:40.8, 0.1, 24:82N, 122:41E, h1km, 2km, M2.3
ISC 09 12:35:40.8, 1.0, 24:85N, 122:41E, 0.02, h10km, 10km,
n50, 0r:45/82, Taiwan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiaho Chiao, TWB1 Santiaho Chiao, EGS EGS, NTC Toucheng, TIPB Shuangxi, TIPB Shuangxi, TWC Suao, TWC Suao, TWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, JYNG Yonagunijimaku, JYNG Yonagunijimaku, TNOU National Taiwai, TNOU National Taiwai, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, ENAH Nanao, ENAH Nanao, TWE Neicheng, TWE Neicheng, TWA TWA, TWA TWA, ENA ENA, ENA ENA, ENT TWA, ENT TWA, NHDH Xindian Distri, NHDH Xindian Distri, YM08 YM08, YM08 YM08, YM01 YM01, YM01 YM01.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like YM11 YM11, NWLT Wulai, NWLT Wulai, YM05 YM05, YM10 YM10, PCYT Pengchayiu, TWW Chenhua, YM04 YM04, NDT Datong Townshi, ANP Anpu, ANP Anpu, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sangang, NACB Ninganchiao, NACB Ninganchiao, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, WHF Whif, WHF Whif, LIOB Emei, LIOB Emei, TDCB Tech, TDCB Tech, IRIF Irifomote-Funau, IRIF Irifomote-Funau, ESL Shilin, ESL Shilin, CHGB Renai, CHGB Renai, CHGB Renai, WHP Taichung City, WHP Taichung City, WHP Taichung City, HATJ Hateruma jima, JKRS Kuro-shima, JKRS Kuro-shima, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, YULB Yu-li, YULB Yu-li, YULB Yu-li, ALS Alishan, ALS Alishan, CHNS Tsauling, CHNS Tsauling, CHNS Tsauling, TPUB Ta-pu, TPUB Ta-pu.

IDC 09 12:36:30.9, 6.0, 36:96N, 76:18E, h85km, 49km, mb3.3/5,
mb1.3, 4/9, mb1mx3.1/46, mbtm3.6/9, ML3.3/4, Error
s-maj=45.6km s-min=27.4km az=6.0
NNC 09 12:36:39.7, 4.0, 37:49N, 76:07E, h139km, 48km, mb2.8,
mpv3.3, Error ellipse: s-maj=37.4km s-min=28.7km
az=21.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Keratay Array, KK31 Keratay Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, KURBB Kurchatov Arra, KURBB Kurchatov Arra, AB31 Akbulat array, AB31 Akbulat array, AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, SONM Songoing Array, SONM Songoing Array, BRTR Kurchatov Arra, BRTR Kurchatov Arra, FINES FINES Array B, FINES FINES Array B, NOA NOA, NOA NOA, TORD Torodi Arra, TORD Torodi Arra.

IDC 09 12:57:30.0, 4.1, 19:05S, 173:21W, h0km, mb3.5/4,
mb1.3, 3/4, mb1mx3.6/27, mbtm3.5/4, Error ellipse:
s-maj=221.3km s-min=30.6km az=148.0, Tonga Islands
Code Station Name Az Az' Op Phase ID Time Res ISC

IDD 09 13:25:42.6:1.6,26.61N:88.81E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.5/44, mbtmp3.6/8, ML3.2/1, Error ellipse: s-maj=66.8km s-min=20.0km az=62.0
 ISC 09 13:25:47.7:1.6,26.6N:0.2:-88.8E:0.4, h35km, n8, #0958/8, mb3.5/6, India-Bangladesh border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
AAK	Ala-Archa	19.79	327	Op	13 30 15.7	+0.7
0.1nm,0.3s,baz=148,slow=9.7,SNR=6.7						
MKAR	Makanchi Array	20.77	347	P	13 30 26.5	+1.0
0.8nm,0.6s,baz=171,slow=11,SNR=12						
KURBB	Kurchatov Arra	25.21	345	P	13 31 10.1	+0.1
0.7nm,0.6s,baz=167,slow=9.5,SNR=9.5						
SOMN	Songino Array	25.29	29	P	13 31 10.7	0.0
0.2nm,0.5s,baz=206,slow=6.6,SNR=2.4						
ZALV	Zalesovo Beam	27.44	365	P	13 31 30.2	+0.1
0.3nm,0.3s,baz=183,slow=10.0,SNR=5.6						
ARCES	ARCCESS Array B	56.02	338	P	13 35 21.5	-1.0
2.8nm,0.9s,baz=109,slow=7.9,SNR=1.3						
WRA	Warramunga Arr	63.99	132	P	13 36 17.0	-0.9
0.7nm,1.0s,baz=320,slow=6.7,SNR=2.2						
ASAR	Alice Springs	66.35	135	P	13 36 34.3	+1.2
0.9nm,0.7s,baz=315,slow=6.3,SNR=5.1						

JMA 09 13:42:08.7:0.4,33.05N:139.41E, h196km, 5km, M3.2
 IDC 09 13:42:09.8:0.7,33.12N:139.41E, h192km, 5km, mb3.2/10, mb1 3.4/12, mb1mx3.1/43, mbtmp3.7/12, Error ellipse: s-maj=29.3km s-min=1.0km az=49.0
 ISC 09 13:42:10.3:0.8,33.06N:0.09:-139.32E:0.08, h200km, n24, #139/26, mb3.2/10, Southeast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JHJ	Hachioji jima 2	0.39	81	Op	13 42 35.1	-2.0
112nm,0.3s,baz=206,slow=23,SNR=33						
JHJ2	Mitsune	0.42	83	P	13 42 34.9	-2.2
68nm,0.3s,baz=60,slow=20,SNR=5.9						
JHJ2	Oshima 3	1.66	3	P	13 42 44.3	-1.0
0.2nm,0.6s,baz=86,slow=8.5,SNR=6.4						
TK04	Tokai 4	1.79	318	P	13 42 45.6	-1.2
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
BS03	Boso 3	2.42	47.1	-1.4	13 42 47.1	-1.4
BS01	Boso 1	2.10	40	P	13 42 47.5	-1.8
BS01	Boso 1	2.10	40	P	13 42 47.5	-1.8
JOD2	Odawara 2	2.21	355	P	13 42 50.3	-0.7
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
JIE	Ise	2.55	302	P	13 42 53.4	-1.4
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
JRY	Ryogami san	2.97	353	P	13 42 59.4	-2.1
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
JTNC	Tanabekakech	3.19	285	P	13 43 00.7	-1.6
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
JAG	Ashikaga	3.36	2	P	13 43 02.3	-1.9
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
MJAR	Matsushiro Arr	3.59	346	P	13 43 07.1	+0.1
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
KSR5	Korea Arr	10.30	239	P	13 44 35.2	+1.9
0.1nm,0.3s,baz=155,slow=12.5,SNR=2.4						
KLR	Kul'dur	17.11	343	P	13 45 55.8	-0.5
0.2nm,0.3s,baz=185,slow=8.5,SNR=5.1						
MKAR	Makanchi Array	44.89	305	P	13 50 04.6	-0.3
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
KURBB	Kurchatov Arra	47.19	311	P	13 50 22.0	-0.7
0.6nm,0.6s,baz=113,slow=5.0,SNR=9.9						
BVAR	Borovoye Arr	52.05	314	P	13 50 59.7	+0.4
0.2nm,0.6s,baz=113,slow=5.0,SNR=9.9						
WRA	Warramunga Arr	52.92	186	P	13 51 07.8	+1.7
0.3nm,0.5s,baz=5.5,slow=7.9,SNR=1.6						
ARCES	ARCCESS Array B	67.11	340	P	13 52 44.6	+0.8
0.7nm,0.4s,baz=46,slow=8.2,SNR=7.6						
FINES	FINESS Array B	71.52	332	P	13 53 09.7	+0.7
0.7nm,0.4s,baz=46,slow=8.2,SNR=7.6						
AKASG	Malin Array Be	76.38	322	P	13 53 37.8	+0.4
0.5nm,0.4s,baz=50,slow=5.4,SNR=2.2						
NVAR	Mina Array Bea	78.77	324	P	13 53 49.8	-1.4
0.1nm,0.4s,baz=310,slow=3.4,SNR=1.8						
BRTR	Keakin Array B	80.18	311	P	13 53 58.9	+0.3
0.3nm,0.5s,baz=72,slow=5.0,SNR=1.7						
TXAR	Lajitas Arr	93.92	51	P	13 55 07.3	+1.7
0.1nm,0.5s,baz=328,slow=3.2,SNR=1.9						

IDC 09 13:53:40.0:0.8,2.75S:129.72E, h0km, mb4.1/7, mb1 4.2/9, mb1mx3.8/29, mbtmp4.2/9, ML4.2, MS3.5/4, Ms1 3.5/4, ms1mx3.1/29, Error ellipse: s-maj=27.7km s-min=16.4km az=71.0
 NEIC 09 13:53:43.2:3.2,2.8S:0.1:130.0E:0.3, h33km, 8km, mb4.2/10, Error ellipse: s-maj=45.2km s-min=11.2km
 DJA 09 13:53:44.8:1.4,3.4S:4.13E, h17km, 13km, M4.2/9, mb4.6/1, mb5.2/1, MLv4.1/9, Mw(MB)4.5/1
 ISC 09 13:53:43.2:0.6,2.88S:0.05:129.61E:0.05, h28km, n33, #206/34, mb4.1/8, Seram

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MSAI	Masohi	0.83	236	Op	13 54 04.0	+5.0
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
BSND	Bandanaira	1.50	170	P	13 54 04.2	+3.1
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
NLAI	Namlea	2.54	262	P	13 54 27.1	-0.9
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
SIJI	Sorong	2.59	40	Pn	13 54 22.0	-1.3
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
SIJI	Sorong	2.59	39	P	13 54 23.1	-0.1
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
SIJI	Sorong	2.63	91	P	13 54 23.1	-0.7
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
SANI	Sanana	3.71	283	P	13 54 36.8	-1.9
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
TNTI	Ternate	4.26	328	Pn	13 54 47.6	+1.3
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
LWUI	Luwatu	7.08	285	P	13 55 27.3	+2.3
0.1nm,0.3s,baz=221,slow=14,SNR=9.19						
BATI	Baumata	9.38	219	LR	14 00 40.0	
comp=2.24nm,18.7s,slow=30,SNR=44						
MTN	Manton Dam	10.02	171	Pn	13 56 07.3	+2.0
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
DAV	Davao City (W)	10.67	338	LR	14 01 09.9	
comp=2.168nm,20.0s,baz=326,slow=42						
FITZ	Fitzroy Crossi	15.62	194	P	13 57 23.0	-2.4
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
FITZ	Fitzroy Crossi	15.62	194	P	13 57 23.4	-2.0
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WB0	Warramunga Arr	17.42	165	Pn	13 57 43.2	-1.2
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WB0	Warramunga Arr	17.42	165	Pn	13 57 48.2	-1.2
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WRAB	Tennant Creek	17.57	165	Pn	13 57 41.9	-4.3
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WRAB	Tennant Creek	17.57	165	Pn	13 57 50.6	-4.3
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WRA	Warramunga Arr	17.58	165	P	13 57 44.8	-1.4
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WRA	Warramunga Arr	17.58	165	P	14 00 55.4	-5.9
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WB2	Warramunga Arr	17.57	165	Pn	13 57 45.9	-0.4
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WB2	Warramunga Arr	17.57	165	Pn	13 57 50.6	-4.3
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WR0	Warramunga Arr	17.65	165	P	13 57 47.1	-0.8
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
WR0	Warramunga Arr	17.65	165	P	13 57 49.6	-0.8
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
PSAC1	Pilbara Seismi	20.05	206	P	13 58 25.4	-0.2
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
AS31	Alice Springs	21.08	169	P	13 58 27.0	+1.5
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
AS31	Alice Springs	21.08	169	P	13 58 33.3	+1.5
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
ASAR	Alice Springs	21.08	169	P	13 58 26.4	+1.0
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
ASAR	Alice Springs	21.08	169	P	14 02 19.3	+0.5
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
CTA	Charters Tower	23.59	138	P	13 58 53.0	+1.2
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
STKA	Stevens Creek	30.97	160	P	13 59 59.2	+1.1
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
STKA	Stevens Creek	30.97	160	P	13 59 58.2	+0.1
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
CMAR	Chiang Mai Arr	36.90	306	P	14 00 52.2	+2.5
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
KSR5	Korea Arr	40.16	358	LR	14 20 10.3	
comp=2.24nm,18.7s,slow=30,SNR=44						
MK31	Makanchi Array	64.60	326	P	14 04 17.9	-0.3
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
MKAR	Makanchi Array	64.60	326	P	14 04 19.1	+1.0
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
ZALV	Zalesovo Beam	67.75	393	P	14 04 38.0	-0.1
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
KURBB	Kurchatov Arra	68.83	328	P	14 04 45.5	+0.6
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
KURBB	Kurchatov Arra	68.83	328	P	14 05 08.5	-0.9
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						
KURK	Kurchatov	68.83	328	P	14 04 45.1	+0.2
0.2nm,0.3s,baz=17,slow=14,SNR=1.4						

CPUP Villa Florida 150.20 167 PKPbc PKPab 14 13 35.2 -3.1
 comp=2.3,1nm,0.9s,baz=152,slow=1.5,SNR=3.6

IDC 09 14:54:51.9:2.2,40.51N:142.65E, h91km, 20km, mb3.3/7, mb1 3.5/9, mb1mx3.2/35, mbtmp3.6/9, Error ellipse: s-maj=3.1,2km s-min=1.3,8km az=105.0
 JMA 09 14:54:56.4:0.1,41.22N:140.43E, h157km, 1km, M3.2
 ISC 09 14:54:56.0:0.8,41.20N:0.04:-140.44E:0.07, h160km, 6km, n27, #062/40, mb3.4/7, Hokkaido region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JSI2	Shiura 2	0.15	190	Op	14 55 17.5	+0.1
0.1nm,0.3s,baz=152,slow=1.5,SNR=3.6						

mb4.4/7, mb4.9/4, MLV4.4/19, Mv(m)B4.2/4
IDC 09 16:50:53.8, 2.3, 1.31S, 126.26E, h46km, 25km, mb3.7/9,
mb1.3.9/11, mb1mx3.7/32, mbtmp4.0/11, ML4.0/2, MS3.3/3,
Ms1.3.3/3, ms1mx2.9/31, Error ellipse: s-maj=20.0km
s-min=17.7km az=33.0

NEIC 09 16:50:53.3, 1.4, 1.39S, 0.10x126.25E, 0.08, h46km, 9km,
mb4.4/10, Error ellipse: s-maj=14.5km s-min=11.0km
az=201.0

ISC 09 16:50:52.6, 0.5, 1.37S, 0.05x126.24E, 0.05, h35km, n58,
r109/62, mb4.4/17, Southern Molucca Sea

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

BUJL 09 17:29:33.0, 0.0, 56.21N, 114.02E, h7km, mb4.5/5,
mb4.0/13, Ms4.4/4, Ms7.3/9.3

MOS 09 17:29:36.6, 1.2, 56.06N, 113.78E, h8km, mb4.4/13, Error
ellipse: s-maj=18.5km s-min=5.4km az=2.8

IDC 09 17:29:37.9, 0.7, 56.14N, 113.78E, h0km, mb3.9/17,
mb1.4.1/22, mb1mx3.9/42, mbtmp3.9/22, ML3.6/5, MS3.6/16,
Ms1.3.6/16, ms1mx3.4/49, Error ellipse: s-maj=18.5km
s-min=11.0km az=156.0

BYKL 09 17:29:38.1, 0.2, 56.09N, 113.73E, h6km, 3km,
Mw4.2/8(IEC), #STATIONS KDAK MAJO INCN SSE TATO
ENH XAN KMI FELT I-HI MSK at Taksimo

NEIC 09 17:29:40.9, 2.4, 56.07N, 0.09x113.8E, 0.1, h17km, 2km,
mb4.6/39, Error ellipse: s-maj=13.4km s-min=10.2km
az=144.0

ISC 09 17:29:37.9, 0.0, 8.5611N, 0.02x113.76E, 0.02, h3km, 5km,
n172, r220/222, mb4.3/46, MS3.5/11, 18C-9D, East of
Lake Baykal

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, Time, Res. Lists seismic stations for the Lake Baykal region.

9um, 1.4s
UKT Uakit 0.63 187 eP Pg 17 29 48.4 -1.5
UKT Uakit 0.63 187 eS Sg 17 29 58.5 +0.5
YOA Uoyan 1.14 272 fIPg Pmax Sg 17 29 58.5 -2.3
YOA Uoyan 1.14 272 fIPg Pmax Sg 17 30 03.8

3um, 0.5s
YOA Uoyan eSg Sb 17 30 14.2 -1.3
YOA Uoyan eSb Sg 17 30 18.1 +3.5
YOA Uoyan e max Sg 17 30 31.9

18um, 0.9s
YOA Uoyan 1.14 272 eP Pg Pn 17 29 58.4 -2.3
YOA Uoyan e Pmax Pmax 17 30 15.7

YOA comp=Z,957nm,0.2s smax smax
YOA comp=N,18um,0.8s smax smax

NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.4 -1.4
NLYR Nelyaty ePb Pn 17 30 01.7 +1.4
NLYR Nelyaty e max Pn 17 30 02.1

comp=N,6um,0.3s
NLYR Nelyaty eSg Sb 17 30 14.6 -1.0
NLYR Nelyaty eSb Sg 17 30 18.6 +3.9
NLYR Nelyaty e max Sg 17 30 28.9

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=Z,5um,0.8s
NLYR Nelyaty e Pmax Pmax 17 30 15.2

NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=Z,5um,0.8s
NLYR Nelyaty e Pmax Pmax 17 30 15.2

NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty e Pmax Pmax 17 30 15.2

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NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

comp=N,9um,1.3s
NLYR Nelyaty 1.15 70 fIPg Pn Pn 17 29 59.3 -1.5
NLYR Nelyaty e Pmax Pmax 17 30 15.2

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, Time, Res. Lists seismic stations and their recorded data, including stations like YUKL, TYRGN, FFNB, KAB, HRMR, IENR, KPC, LSTR, IRK, IVK, TLY, HAIL, ARSHAN, ZAK, ZEA, MOY, etc.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res, ISC. Includes stations like Sheep Creek Mo, Bear Paw Mtn, KLU, N25K, GLB, VRDI, BALM.

MOS 09 17:46:56.3-1.2,56:06N-113:74E, h6km, mb3.7/1, Error ellipse: s-maj=11.6km s-min=7.9km az=72.6, IDC 09 17:46:56.5-1.3,56:08N-113:75E, h0km, mb3.6/7, mb1 3.7/1, mb1mx3.5/40, mbtmp3.6/11, ML3.1/4, MS3.4/1, Ms1 3.4/1, ms1mx2.6/50, Error ellipse: s-maj=30.2km s-min=19.4km az=142.0

BYKL 09 17:46:57.0-0.2,56:08N-113:74E, h8km, 3km, ISC 09 17:46:56.3-1.1,56:03N-102:113.75E, h0.02, h3km, 8km, n47, r156/82, mb3.6/7, 7C-3D, East of Lake Baykal

Main table for East of Lake Baykal region, listing stations like SVKR Severomuysk, UKT Ukait, YOA Uoyan, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, etc.

Main table for Vanuatu Islands region, listing stations like TUP, CIT, OGRR Ongureny, YKLR Yuktali, TYR, KPC Khapcheranga, ARS Arshan, ZEA MOY, ORL Oriik, SONM Songino Array, YAK Yakutsk, KLR Kul'dur, ZALV Zalesovo Beam, NRIK Nori'sk, KURK Kurchatov, MKAR Makanchi Array, ASAJ Asashikawa, ILAR Eielson Array, NOA NORSTAR Array B, NOA NORSTAR Array A, YKA Yellowknife Ar, ESDD Sonseca Array, TORD Torodi Ar, etc.

NOU 09 17:57:53.1, 17:43S-167:61E, h9km, MLV4.1, Vanuatu Islands, Vanuatu Islands

Table for Vanuatu Islands region, listing stations like DVP Devils Point, SANVU Sarautout, MARNC Marie, Loyalty, KOUNC Koumac, New Ca, YATNC Marnie plateau, NZUM Mont Dzumac, DZOC Port Laguerre, OUCN Ouen Island, N PINNC Pines Island, etc.

BYKL 09 18:14:21.4-0.2,56:13N-113:74E, h5km, 4km, 1C-2D, East of Lake Baykal

Main table for East of Lake Baykal region, listing stations like SVKR Severomuysk, UKT Ukait, YOA Uoyan, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, etc.

Main table for Chile region, listing stations like BOD, YLYR Ulyunkhan, NIZ Nizh Angarsk, CRG Chara, SYVR Suvo, VTMR Vitim, TUP Tupik, OGRR Ongureny, YKLR Yuktali, TYR, KPC Khapcheranga, etc.

BYKL 09 18:14:28.7-0.3,56:11N-113:73E, h5km, 8km, East of Lake Baykal

Main table for Chile region, listing stations like SVKR Severomuysk, UKT Ukait, YOA Uoyan, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, etc.

SJA 09 18:18:19.9-0.4,35:70S-74:88W, h10km, ML4.4, MW4.5, GUC 09 18:18:38.9-0.5,35:40S-73:35W, h26km, 4km, ML4.4, ISC 09 18:18:38.1-2.3,35:39S-076:73.7W-0.2, h35km, n21, r154/29, 1C, Off coast of central Chile

Main table for Chile region, listing stations like BIO3 Tigo, BO03 Pichilemu, VA05 Santo Domingo, BO02 Sierra Bellavi, MT09 Talagac, MT05 Rencu, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like MT03, LMEL, ROCH, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like B103, B104, PUMA, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like VVDA, TBI, LP1G, etc.

IDC 09 18:23:12.8: 1.6, 15.59S; 171.67W, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.750, mbmp3.8/3, MS3.6/9, Ms1 3.6/9, ms1mx3.3/51, Error ellipse: s-maj=43.6km s-min=26.9km z=11.0

NEIC 09 18:23:20.0: 0.6, 15.32S; 0.04: 172.0W: 0.2, h48km, 10km, mb4.1/5, Error ellipse: s-maj=23.4km s-min=5.4km az=83.0

ISC 09 18:23:18.3: 0.7, 15.36S; 0.06: 172.0W: 0.1, h23km, n21, s178/14, mb3.9/5, MS3.9/5, Samoa Islands region

Table with columns: Code, Station Name, Az, El, P, S, Res, and various station identifiers like AFI, AFI, AFI, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like CO01, LC01, LCO, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like VVDA, TBI, LP1G, etc.

IDC 09 18:35:00.1: 0.8, 34.13S; 72.09W, h0km, mb4.3/11, mb1 4.3/14, mb1mx4.2/30, mbmp4.2/14, ML4.1/3, MS4.0/9, Ms1 4.0/9, ms1mx3.7/28, Error ellipse: s-maj=28.6km s-min=15.6km az=93.0

SJA 09 18:35:00.7: 1.0, 33.97S; 72.47W, h10km, ML4.5, MW4.5 GUC 09 18:35:01.3: 1.4, 34.23S; 72.45W, h40km, 5km, ML4.7

NEIC 09 18:35:02.8: 1.7, 34.13S; 0.04: 72.32W: 0.05, h26km, 4km, mb4.9/26, Mw4.6/24, ML4.7(GUC), Error ellipse: s-maj=6.1km s-min=4.9km az=52.0

NEIC 09 18:35:02.4: 34.12S; 72.30W, h2km, Moment Tensor Solution: Moment tensor: Scale 10^16Nm, Mo 0.62, Mw=0.19, Ms=0.47, Mw0.11; Mw0.042; Mw=0.81; Fault plane solution: Mo 1.09000e+1016 NP1a=186.76000e+0, 570.71000e+0, 167.24000e+0 NP2a=58.54000e+0, 829.50000e+0, 137.87000e+0. Principal axes: T: 1.1532, Plg58.0000e+0, Azm66.0000e+0; N: -0.1296, Plg21.0000e+0, Azm19.0000e+0; P: -1.0236, Plg22.0000e+0, Azm294.0000e+0

ISC 09 18:34:60.0: 1.5, 34.12S; 0.03: 72.38W: 0.04, h5km, 8km, n141, s1946/151, mb4.8/20, MS4.2/9, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, P, S, Res, and various station identifiers like BO03, BO03, VA05, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like TRCB, SIV, SIV, etc.

Table with columns: ID, Station Name, Az, El, P, S, Res, and various station identifiers like BYKL, SVKR, SVKR, etc.

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

BYKL 09 18:37:44.1-0.7,56.08N-113.71E, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Lake Baykal region.

NEIC 09 18:51:29.6:0.9,5:6S:0.1x149.3E:0.2,h153km,14km

mb4.5/8, Error ellipse: s-maj=29.0km s-min=9.7km az=133.0

IDC 09 18:51:31.1:6.7,5:4IS:148:89E,h152km,49km,mb3.4/3, mb1.3/6.4,mb1mx3.1/41,mbtmp3.9/4,MS3.71,Mst1.3.71, ms1mx2.6/25, Error ellipse: s-maj=91.5km s-min=55.0km az=119.0

ISC 09 18:51:29.5:1.0,5:5S:0.1x149.3E:0.1,h150km,n15, o=68/17,mb4.0/3, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the New Britain region.

IDC 09 18:59:30.4:0.5,34:10S:72:15W,h0km,mb4.5/15, mb1.4/6/17,mb1mx4.5/36,mbtmp4.5/17,ML4.3/2,MS4.1/12, MS1.4/12,ms1mx3.9/22, Error ellipse: s-maj=23.4km s-min=14.2km az=89.0

SJA 09 18:59:31.8:1.1,34:03S:72:59W,h32km,23km,ML4.8, MW5.0

NEIC 09 18:59:32.4:34:10S:72:26W,h24km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; M2:51; Mw=0.90; Mw=1.61; Mw=1.75; Mw=3.49; Mw=8.87; Fault plane solution: M69.950000:1015 NP1=76.700000, 383.630000, 168.400000, NP2=71.030000, 522.480000, 1163.120000. Principal axes: T 10.6660, P1g47.0000, N -1.6415, P1g21.0000, Azm179.0000; P -9.0245, P1g35.0000, Azm285.0000;

VAO 09 18:59:32.9:0.4,34:09S:72:14W,h10km,mb4.8 GUC 09 18:59:33.4:0.7,34:20S:72:34W,h34km,2km,ML4.6 NEIC 09 18:59:33.4:1.7,34:12S:0.04:72:30W:0.07,h20km,3km, ms1=0.96,Mw=6.624,ML4.6(GUC). Error ellipse: s-maj=8.3km s-min=5.5km az=101.0

ISC 09 18:59:32.4:0.9,34:11S:0.03:72:33W:0.04,h15km,5km, n255, o145/252, mb5.0/48,MS4.2/14,5C-2D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Chile region.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for a wide range of stations.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for a wide range of stations.

2015 JAN

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like S39A Bolivar, R40A Maddies Station, LIC Lamto, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like GIRL Giralia, FITZ Fitzroy Crossi, SIJI Sorong, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, GRPR Tuman, etc.

IDD 09 19:01:07.8-44.0, 7.065S; 106.61E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.4/4.1, mbtmp3.9/3, MS4.5/3, Ms1 4.5/3, ms1mx3.2/4.8, Error ellipse: s-maj=762.7km s-min=189.6km az=131.0

IDD 09 19:15:35.4-2.3, 6.09S; 129.48E, h0km, mb3.4/1, mb1 3.7/4, mb1mx3.4/3.5, mbtmp3.5/4, ML3.4/3, MS2.8/1, Ms1 2.8/1, ms1mx2.5/2.5, Error ellipse: s-maj=84.6km s-min=30.4km az=75.0, Banda Sea

Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1:1.39; M2:0.49; M3:0.90; Ms:0.12; Mw:0.63; Mw:0.82; Fault plane solution: Ms2.64000x10^15 NP1:phi=242.00000, delta=0.00000, lambda=103.00000, NP2:phi=201.00000, delta=19.00000, lambda=158.0

9d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DUG, TPNV, and AKTY.

2015 JAN

Main table with columns for station name, frequency, power, and other technical details. Includes stations like UMR, MIB, and DOPR.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SVKR, UKT, and UOYAN.

Additional information including coordinates and identifiers: IDC 09 19:35:44.6, 1.6, 56; 17N; 113; 75E, h0km, mb3.3/3, mb1 3.5/6, mb1mx3.2/39, mbtmt3.4/6, ML2.8, MS3.8/1, Ms1 3.8/1, ms1mx2.8/37, Error ellipse: s-maj=38.9km s-min=20.1km az=144.0, MOS 09 19:35:44.1, 0.9, 56; 04N; 113; 74E, h8km, mb3.7/1, Error ellipse: s-maj=12.7km s-min=7.8km az=74.6, BYKL 09 19:35:45.6, 0.2, 56; 07N; 113; 74E, h6km, 4km, ISC 09 19:35:45.4, 0.9, 56; 07N; 113; 74E, 0.02, h8km, 6km, 144, cz217/8, mb3.4/3, 8C-3D, East of Lake Baykal

9d 21h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like CCB, KKK, SML, DHY, etc.

2015 JAN

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like NEW, YBH, K05A, etc.

432

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like PV22, PV04, PV19, etc.

IDC 09 21:46:12.9.2.1, 2:32N, 126:08E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/40, mbtmp3.6/4, Error ellipse: s-maj=123.6km, s-min=26.8km, az=68.0

NEIC 09 21:46:19.3.0.9, 2:52N.0.1, 126:1E.0.1, h66km, 15km, mb4, 1/9, Error ellipse: s-maj=22.8km, s-min=9.7km, az=23.0

ISC 09 21:46:22.8.1.0, 2:30N.1.0, 126:1E.0.1, h105km, n15, c=212/14, mb3.7/6, Northern Molocca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TNTI, TOLIZ, MTN, etc.

DDA 09 21:54:06.8, 37:44N-36:19E, h18km, ML3.7

ISK 09 21:54:06.4, 37:41N-36:19E, h10km, ML3.4/30

NIC 09 21:54:08.0, 37:41N-36:25E, h14km, 12km, M3.4/1

ISC 09 21:54:06.9, 0.9, 37:41N-36:25E, h0.02, h12km, 7km, n67, r=197/85, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMR5, HCB, SAHM, YUREGIR, etc.

SOME 09 22:00:05.3, 41.73N; 70.30E, h15km
KRNET 09 22:00:05.0, 41.76N; 70.26E, h15km, mb2.6
ISU 09 22:00:06, 41.80N; 70.50E, h5km, Hypocentre not reviewed by the ISC

NNC 09 22:00:07.0, 2.2, 41.88N; 70.31E, h0km, mb2.5, mpv2.7, Error ellipse: s-maj=13.7km s-min=7.3km az=10.0

ISC 09 22:00:05.6, 1.5, 41.80N; 70.04E, h30km, mb11km, n18, e1938/34, 16C-6D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSK, CHMG, IUG, IUG, IUG, TRKS, etc.

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

IDC 09 22:05:51.2, 4.6, 11.22N; 125.66E, h0km, mb3.8/3, mb1 3.8/3, mb1mx3.4/4.5, mbtmp3.8/3, Error ellipse: s-maj=429.5km s-min=27.5km az=64.0, Samar

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

IDC 09 22:07:25.0, 6.0, 15.16S; 173.67W, h0km, mb4.3/16, mb1 4.5/17, mb1mx4.3/4.8, mbtmp4.4/17, MLS, 0/1, MS3.7/18, Mts 3.7/18, ms1mx3.6/2.6, Error ellipse: s-maj=27.5km s-min=13.1km az=131.0

NEIC 09 22:07:26.9, 2.4, 15.10S; 0.06, 173.52W, h0km, 1km, mb4.6/50, Error ellipse: s-maj=11.2km s-min=3.3km az=189.0

ISC 09 22:07:30.0, 0.4, 15.17S; 0.07, 173.54W, h0km, h30km, n126, e1931/106, mb4.6/42, MS3.8/18, 6C-5D, Tonga

Islands

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

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

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

Table with 4 columns: FETA, Feichten, 148.04, 354 eP, PKIKP, 22 27 14.2 -0.5

Table with 4 columns: ABTA, Abfattersbach, 148.11, 352 eP, PKPbc, 22 27 13.7 +0.7

Table with 4 columns: ESDC, Sonesca Array, 153.93, 19 PKPab, PKPab, 22 27 40.8 +0.7

Table with 4 columns: IDC 09 22:07:51.3, 343.0, 38.45N, 118.73W, h0km, Error ellipse: s-maj=158.4km s-min=102.6km az=158.0

Table with 4 columns: NVAR, Mina Array Bea, 0.34, 93 i, 3.5nm, 0.3s, baz=216, slow=10, SNR=54

Table with 4 columns: IS7US, PINON FLAT INF, 5.17, 158 i, baz=339, slow=19, SNR=2.2

Table with 4 columns: IS6US, NEWPORT INFRAS, 9.88, 6 i, baz=187, slow=329, SNR=2.4

Table with 4 columns: I10CA, LAC DU BONNET, 19.96, 47 i, baz=240, slow=339, SNR=1.5

Table with 4 columns: IDC 09 22:50:34.3, 0.9, 37.79N, 144.23E, h0km, mb5.6/8, mb1.4/0.14, mb1mx3.7/4.5, mbtmp3.9/14, ML3.6/5, Error ellipse: s-maj=23.3km s-min=17.9km az=83.0

Table with 4 columns: JMA 09 22:50:38.2, 0.2, 37.92N, 144.04E, h49km, M3.8, NIED 09 22:50:38.2, 37.92N, 144.04E, h49km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm, M=2.90; Mxx0.36; Mxx2.54; Mxx3.19; Mxx1.08; Mxx2.88; Fault plane solution: Ms5.20000/1014 NP1; 0.223.00000, 374.00000, -78.00000. NP2: 0.6.00000, 820.00000, -125.00000

Table with 4 columns: NEIC 09 22:50:39.1, 2.5, 37.94N, 144.2E, 0.1, h35km, 0km, mb4.5/2, Error ellipse: s-maj=17.0km s-min=11.0km az=101.0

Table with 4 columns: IDC 09 22:50:39.5, 0.8, 37.90N, 144.06E, h0.07, h35km, n54, 0.191/61, mb4.0/13, Off east coast of Honshu

Table with 4 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC

Table with 4 columns: JIKH, Ishinomakikobu, 2.09, 282 P, Sn, 22 51 11.4 -0.6

Table with 4 columns: JIO, Ouri, 2.21, 285 P, Sn, 22 51 13.2 -0.4

Table with 4 columns: OFUJ, Ofunato, 2.22, 303 P, Sn, 22 51 13.2 -0.6

Table with 4 columns: JKMT, Kesenumamotoy, 2.23, 295 P, Sn, 22 51 13.4 -0.5

Table with 4 columns: JKMT, Kesenumamotoy, 2.23, 295 P, Sn, 22 51 13.4 -0.5

Table with 4 columns: JJKW, Ichinosaki, 2.47, 296 P, Sn, 22 51 16.8 -0.4

Table with 4 columns: HAZ, Te Kaha, 0.71, 316 P, Pg, 22 51 29.0 +0.4

Table with 4 columns: HAZ, Paritu Road, 0.77, 212 P, Sg, 22 51 31.7 -0.7

Table with 4 columns: HAZ, Rawiri, 0.81, 254 P, Sg, 22 51 32.1 +0.6

Table with 4 columns: HAZ, Kohoku, 0.95, 217 P, S, Sn, 22 51 33.9 +0.1

Table with 4 columns: HAZ, Mahia Peninsula, 0.96, 204 P, S, Sn, 22 51 34.4 +0.4

Table with 4 columns: HAZ, Shannon Station, 0.98, 238 P, P, Sn, 22 51 34.7 +0.3

Table with 4 columns: HAZ, Urewera, 1.02, 270 P, P, Sn, 22 51 35.0 0.0

Table with 4 columns: HAZ, Ruatuhua, 1.18, 253 P, P, Sn, 22 51 37.4 0.0

Table with 4 columns: HAZ, Whararua Island, 1.21, 220 P, P, Sn, 22 51 37.9 +0.0

Table with 4 columns: HAZ, Rauihi, 1.22, 238 P, P, Sn, 22 51 39.5 +0.9

Table with 4 columns: HAZ, Waihua, 1.22, 229 P, P, Pg, 22 51 37.7 -0.6

Table with 4 columns: HAZ, Mururapa, 1.31, 260 P, P, Pg, 22 51 40.4 +0.5

Table with 4 columns: HAZ, Edgecumbe, 1.33, 277 P, P, Sn, 22 51 39.9 -0.2

Table with 4 columns: HAZ, Mangaianiwha, 1.36, 244 P, P, Sn, 22 51 40.3 -0.1

Table with 4 columns: HAZ, Manawhaha, 1.40, 281 P, P, Sn, 22 51 40.0 -0.6

Table with 4 columns: comp=Z, 633nm, comp=Z, 66nm, 0.9s, P, Sn, 22 51 42.7 +0.4

Table with 4 columns: P, Sn, 22 51 42.7 +0.4

Table with 4 columns: P, Sn, 22 51 42.7 +0.4

Table with 4 columns: P, Sn, 22 51 42.7 +0.4

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Table with 4 columns: P, Sn, 22 51 42.7 +0.4

Table with 4 columns: P, Sn, 22 51 42.7 +0.4

NOU 09 22:59:06.8, 2.45N, 95.98E, h0km, mb5.2, Off West Coast of Northern Sumatra

BGR 09 22:59:08.6, 0.0, 2.18N, 96.23E, h33km, mb5.4, BUJ 09 22:59:08.9, 0.0, 2.45N, 96.02E, h47km, mb5.0/5.4, mb5.0/69, Ms4.7/55, Ms7.4/5.4

KLM 09 22:59:09.2, 55N, 95.84E, h23km, mb5.5, DJA 09 22:59:10.6, 1.1, 3.1N, 2.9E, h19km, 8km, M5.3/4.5, mb5.3/4.9, Mb5.7/21, MLv5.1/4, Mw(mB)5.3/21, MwMwp4.9/1, Mwps2.1

MOS 09 22:59:10.9, 0.9, 2.70N, 96.06E, h49km, mb5.4/5.5, MS4.5/4, Error ellipse: s-maj=7.2km s-min=3.8km az=112.5

GCMT 09 22:59:11.9, 0.2, 2.68N, 0.01, 95.99E, 0.01, h37km, Mw5.1/115, Moment Tensor Solution: s68.098, s68.098, s68.098, 115.0176; Duration: 0; Moment tensor: Scale 10^16Nm; M=3.176; Mxx0.16; Mxx2.16; Mxx3.28; Mxx1.10; Mxx1.13; Mxx4.88; Mxx10; Mxx1.84; Mxx15; Best double couple: -4.6.1680x10^16 NP1: 0.108.00000, 856.00000, -147.00000. NP2: 0.358.00000, 864.00000, -3.9.00000. Principal axes: T 6.9120, Plg5.0000. Azm55.0000; N -1.4860, Plg44.0000; Azm149.0000; P -5.4200, Plg46.0000; Azm320.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

NEIC 09 22:59:11.9, 2.1, 2.59N, 0.06, 96.10E, 0.07, h50km, 4km, mb5.1/165, Error ellipse: s-maj=10.6km s-min=7.7km az=56.0

IDC 09 22:59:11.9, 1.4, 2.68N, 96.07E, h42km, 12km, mb4.7/37, mb1.4/3.40, mb1mx4.6/5.4, mbtmp4.9/4.0, ML4.8/3, MS4.3/24, Ms1.4/3.24, ms1mx4.2/3.2, Error ellipse: s-maj=11.5km s-min=8.1km az=11.0

ISC 09 22:59:10.9, 3.2, 6.21N, 103.96E, 0.04, h37km, 1km, h37km, p-P, n816, 0.1955/870, mb5.2/243, MS4.5/43, 32C-62D, Northern Sumatra

Table with 4 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC

Table with 4 columns: TPTI, Trang, 1.31, 60 P, Sn, 22 59 32.3 -0.4

Table with 4 columns: KCSI, Kotacane, Aceh, 1.95, 62 P, S, Sn, 22 59 42.4 +0.8

Table with 4 columns: GSI, Gunungsitoli, 2.00, 130 Sn, 22 59 43.5 +1.3

Table with 4 columns: comp=Z, 1um, 21.0s, baz=296, slow=40, LR, LR, 23 09 04.6

Table with 4 columns: PHIT, Phitsanulok, 15.12, 16 P, P, 23 02 47.0 +0.4

Table with 4 columns: SUKH, Sukhothai, 15.20, 13 P, P, 23 02 47.8 +0.3

Table with 4 columns: DLV, Tach, 15.43, 52 P, Sn, 23 02 45.5 -0.8

Table with 4 columns: CISI, Cismepet, Garu, 15.49, 131 P, P, 23 02 42.8 -4.0

Table with 4 columns: MHMT, Maesarieng, 15.59, 7 P, P, 23 02 53.5 +1.7

Table with 4 columns: UBPT, Khong Chiam, 15.65, 36 P, P, 23 02 51.7 -0.9

Table with 4 columns: UBPT, Khong Chiam, 15.65, 36 P, Sn, 23 02 49.8 -0.8

Table with 4 columns: UTTA, Uttaradit, 15.68, 16 P, P, 23 02 52.3 -0.6

MOKO	comp=Z,63nm,0.8s	eS	S	23 08 28.2	-3.0	GTA	comp=Z,49nm,1.2s	pmax	pmax	SHLS	Shalkode	43.00 342	eP	P	23 07 06.0	-0.8				
GUWAHATI	23.82 350	eP	P	23 04 20.7	+0.1	GTA	comp=Z,130nm,9.6s	pmax	pmax	DMTO	DMTO	43.01 293	P	P	23 07 08.9	+1.6				
MPSI	23.95 95	P	P	23 04 24.0	+2.0	GTA	comp=Z,330nm,17.9s	LR	LR	DL2	Dalian	43.01 30	P	P	23 07 07.7	+0.8				
TTSI	24.42 103	P	P	23 04 42.6	+1.6	GTA	comp=Z,390nm,21.1s	LR	LR	DL2			S	S	23 07 25.2	+3.6				
NGP	24.77 919	eP	P	23 04 28.5	-1.0	GTA	comp=Z,520nm,21.1s	LR	LR	DL2			S	S	23 13 30.3	+0.4				
TOLIZ	24.77 93	P	I	23 04 45.8		MORW	Morawa	36.87 150	P	P	23 06 18.5	+2.5	DL2	comp=Z,48nm,0.7s	LR	LR				
KAPI	Kappang	24.87 108	P	23 04 31.2	+0.8	MORW	Morawa	36.87 150	P	I	23 06 14.0	-2.1	DL2	comp=Z,550nm,18.5s	LR	LR				
KAPI	comp=Z,71nm,0.8s,baz=292,slow=10,SNR=18	LR	LR	23 15 21.2		MORW	Morawa	36.87 150	I	Amb	23 06 30.5		DL2	comp=Z,400nm,18.6s	LR	LR				
KAPI	Kappang	24.87 108	P	23 04 30.8	+0.4	SSE	comp=Z,41nm,1.1s	P	P	23 06 19.5	+2.7	DL2	comp=Z,400nm,18.6s	LR	LR					
KAPI	comp=Z,95nm,0.9s	I	Amb	23 04 32.8		SSE	Sheshan	36.97 37	P	S	23 12 05.0	+5.2	SATY	Saty	43.24 341	eP	P	23 07 08.9	+0.1	
ZIRO	ZIRO	24.87 355	eP	P	23 04 30.3	-0.2	SSE	comp=Z,10.0nm,0.7s	S	pmax			SATY	Saty	43.24 341	eP	P	23 07 08.9	+0.1	
ZIRO	comp=Z,696nm,19.0s,baz=292,slow=39	eS	P	23 08 46.6	-4.7	SSE	comp=Z,92nm,3.6s	pmax	pmax			SATY	Saty	43.24 341	eP	pmax				
BNSI	Bone	25.03 106	eP	P	23 04 34.3	+2.4	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	Araq	43.44 302	P	P	23 07 12.5	+1.8			
BNSI	Bulukumba	25.31 108	P	P	23 04 36.3	+1.9	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8			
BNSI	comp=Z,1µm,comp=Z,60nm,1.6s	P	P	23 04 35.8	+1.0	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8				
BKSI	Bulukumba	25.31 108	P	P	23 04 36.3	+1.9	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8			
BKSI	Goa	25.36 302	eP	I	23 04 37.1	+0.8	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8			
GOA	Goa	25.36 302	eP	I	23 04 37.1	+0.8	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8			
GOA	comp=Z,74nm,1.2s	I	Amb	23 04 37.8	+0.9	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8				
GOA	comp=Z,74nm,1.2s	I	Amb	23 04 37.8	+0.9	SSE	comp=Z,350nm,21.2s	LR	LR	ARQ	SNR=9.1		P	P	23 07 12.5	+1.8				
ODAN	Odare	25.50 342	eP	P	23 04 39.5		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
ODAN	comp=Z,273nm,0.7s	eP	P	23 04 37.1	+0.8	NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8	
GTK	Tagong	25.59 345	eP	I	23 04 37.8	+0.9	NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
GTK	comp=Z,114nm,1.1s	I	Amb	23 04 39.5		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8	
H08S2	Diego Garcia H	25.61 246	T	T	23 31 23.4		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
H08S2	Diego Garcia H	25.61 246	T	T	23 31 23.4		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
H08S3	Diego Garcia H	25.61 246	T	T	23 31 23.6		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
H08S3	Diego Garcia H	25.61 246	T	T	23 31 23.6		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
H08S1	Diego Garcia H	25.62 246	T	T	23 31 23.3		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
H08S1	Diego Garcia H	25.62 246	T	T	23 31 23.3		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
H08S1	Diego Garcia H	25.62 246	T	T	23 31 23.3		NIL	Nilore	37.52 328	P	pmax			ARQ	SNR=9.1		P	P	23 07 12.5	+1.8
GYA	Guliyang	25.82 22	↑P	P	23 04 39.5	+0.5	MTN	Manton Dam	38.07 115	P	P	23 06 26.0	-0.4	WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
GYA	comp=Z,32nm,0.7s	pmax	pmax	23 04 51.7	-1.9	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GYA	comp=Z,130nm,3.8s	LR	LR	23 09 04.1	-2.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GYA	comp=Z,1µm,16.0s	LR	LR	23 10 12.5	+8.5	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GYA	comp=Z,560nm,12.1s	LR	LR			MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GYA	comp=Z,560nm,12.1s	LR	LR			MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GYA	comp=Z,1µm,16.8s	LR	LR			MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
APSI	Ampana	25.84 97	P	P	23 04 47.7	+8.5	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
RAMN	Ramite	25.84 340	eP	P	23 04 40.9	+1.5	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
RAMN	comp=Z,371nm,0.7s	eP	P	23 04 40.9	+1.5	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
TAPN	Taplejung	25.87 343	eP	P	23 04 40.4	+1.2	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
TAPN	comp=Z,419nm,0.9s	eP	P	23 04 40.4	+1.2	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
MRSI	Marsisa	25.95 94	eP	P	23 04 46.9	+6.5	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
MRSI	Marsisa	25.95 94	eP	P	23 04 46.9	+6.5	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
PKI	Pulchoki	26.83 339	eP	P	23 04 49.1	+0.7	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
PKI	comp=Z,126nm,1.0s	eP	P	23 04 49.1	+0.7	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
PKIN	Phulchoki	26.84 339	eP	P	23 04 49.1	+0.7	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
PKIN	comp=Z,96nm,0.9s	eP	P	23 04 49.1	+0.7	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
POO	Poona	26.89 308	eP	I	23 04 50.1	+1.4	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
POO	comp=Z,28nm,0.7s	I	Amb	23 04 51.8		MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
POO	comp=Z,28nm,0.7s	I	Amb	23 04 51.8		MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GUN	Gumba	26.97 340	eP	P	23 04 50.7	+1.0	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
GUN	comp=Z,330nm,0.7s	eP	P	23 04 50.7	+1.0	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
DMN	Daman	26.97 338	eP	P	23 04 50.5	+0.9	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
DMN	comp=Z,134nm,0.9s	eP	P	23 04 50.5	+0.9	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
GTOI	Gorontalo	27.03 94	P	P	23 05 02.3	+1.2	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
GTOI	Gorontalo	27.03 94	P	P	23 05 02.3	+1.2	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
KKN	Kakani	27.07 339	eP	P	23 04 51.3	+0.9	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
KKN	comp=Z,287nm,1.0s	eP	P	23 04 51.3	+0.9	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
BHPL	Bhopal	27.31 320	eP	I	23 04 54.4	+1.9	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
BHPL	comp=Z,11nm,0.9s	I	Amb	23 05 00.6		MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2	
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23 06 39.7		WRA	Warrungarra Arr	43.76 123	P	P	23 07 13.4	+0.2
LSA	Lhasa	27.34 351	P	P	23 04 54.2	+1.1	MTN	Manton Dam	38.07 115	P	P	23								

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MKAR	PcP	PcP	23 09 04.7	-0.8
MKAR	LR	LR	23 29 38.2	
MAKZ	P	P	23 07 26.6	-1.1
MAKZ	P	P	23 07 28.3	0.0
MAKZ	Pmax	Pmax		
MAKZ	P	P	23 07 28.3	0.0
ZSN	eP	eP	23 07 28.3	-0.1
ZSN	P	P	23 07 28.2	-0.1
IUG	eP	P	23 07 28.8	-0.1
IUG	Pmax	Pmax		
DZA	eP	P	23 07 28.6	-0.4
DZA	Pmax	Pmax		
SONM	P	P	23 07 30.3	0.0
SONM	PcP	PcP	23 09 06.8	0.0
SONM	ScP	ScP	23 12 56.0	-1.3
SONM	LR	LR	23 29 01.3	
SONM	P	P	23 07 30.0	-0.3
SONM	Pmax	Pmax	23 07 31.3	-0.1
ULN	I	I	23 07 31.8	+0.4
ULN	Iamb	Iamb	23 07 34.0	
KKAR	P	P	23 07 33.5	+0.5
KKAR	P	P	23 07 33.5	+0.5
KKAR	Iamb	Iamb	23 07 35.1	
BTLS	eP	P	23 07 33.6	-0.9
BTLS	P	P	23 07 33.6	-0.9
BTLS	Pmax	Pmax		
DGZ	eP	P	23 07 42.9	+0.4
DGZ	Pmax	Pmax		
ZAK	eP	P	23 07 45.6	-0.7
ZAK	P	P	23 09 13.6	
ZAK	Pmax	Pmax		
QIS	P	P	23 07 51.1	+0.5
CN2	P	P	23 07 53.6	+2.6
CN2	eS	eS	23 14 45.1	-5.2
CN2	Pmax	Pmax		
CN2	Pmax	Pmax		
CN2	LR	LR		
CN2	LR	LR		
CN2	LR	LR		
TLY	P	P	23 07 56.4	+0.1
TLY	P	P	23 07 58.5	+2.2
TLY	eS	eS	23 09 50.8	
TLY	Pmax	Pmax	23 15 11.0	+1.1
TLY	MLR	MLR		
TLY	MLR	MLR		
GEYT	P	P	23 07 58.0	+0.8
GEYT	P	P	23 07 58.0	+0.8
GEYT	P	P	23 07 56.5	-1.3
SEM	P	P	23 07 56.5	-1.3
SEM	Pmax	Pmax		
KURBB	P	P	23 08 02.6	+0.4
KURBB	PcP	PcP	23 09 21.9	+0.5
KURBB	P	P	23 15 10.5	-0.3
KURK	P	P	23 08 02.4	-0.2
KURK	iPP	iPP	23 08 17.0	-0.5
KURK	Pmax	Pmax		
HIA	P	P	23 08 02.4	-0.2
HIA	P	P	23 08 06.5	-0.4
HIA	P	P	23 08 06.5	-0.4
HIA	Iamb	Iamb	23 08 21.5	-0.4
BRZS	eP	P	23 08 10.0	-0.7
BRZS	Pmax	Pmax		
BRZS	Pmax	Pmax		
MDJ	P	P	23 08 10.3	-0.6
MJAR	P	P	23 08 13.4	+0.6
MJAR	PcP	PcP	23 09 26.8	-0.1
MJAR	LR	LR	23 32 10.9	
MTSU	P	P	23 08 16.6	+0.9
ZALV	P	P	23 08 16.7	+0.2
ZALV	ScP	ScP	23 13 23.3	+0.6
ZALV	S	S	23 15 36.6	-0.6
ZALV	LR	LR	23 32 40.0	
ZALV	LR	LR	23 32 40.0	
ZALV	P	P	23 08 16.8	+0.3
USA0B	P	P	23 08 16.8	-1.3
USA0B	P	P	23 08 17.1	-0.9
USRK	P	P	23 08 18.5	+0.4
USRK	LR	LR	23 32 35.7	
QRN	P	P	23 08 22.3	
RDF	P	P	23 08 24.9	
UMR	P	P	23 08 25.4	
RAYN	P	P	23 08 26.2	+1.1
RAYN	P	P	23 08 26.1	+1.0
RAYN	Pmax	Pmax		
RAYN	P	P	23 08 26.1	+1.0
RAYN	Iamb	Iamb	23 08 27.3	
MIB	P	P	23 08 28.5	
RST	eP	P	23 08 29.1	
HTT	P	P	23 08 33.1	+1.2
CTAO	P	P	23 08 34.0	+1.0
CTAO	Pmax	Pmax		
CTAO	P	P	23 08 34.0	+1.0
CTAO	Iamb	Iamb	23 08 34.7	
BRVK	P	P	23 08 35.0	-0.7
BRVK	Pmax	Pmax		
BRVK	P	P	23 08 35.6	-0.2
STKA	P	P	23 08 40.7	+0.7
STKA	P	P	23 08 40.2	+0.2

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STKA	55.15	132	P	23 08 40.9	+0.9
KLR	55.54	28	P	23 08 42.5	0.0
KLR	55.54	28	eP	23 08 42.7	+0.2
ABKAR	55.74	332	P	23 08 44.1	+0.2
ABKAR	55.74	332	Iamb	23 08 45.3	
BOD	56.86	11	eP	23 08 51.2	-0.5
BOD	56.86	11	Pmax		
ZEA	57.05	22	eP	23 08 53.9	+0.7
ZEA	57.05	22	eS	23 09 07.8	-0.3
ZEA	57.05	22	P	23 16 47.3	+2.1
ZEA	57.05	22	Pmax		
ZEA	57.05	22	P	23 08 53.9	+0.7
ZEA	57.05	22	P	23 08 53.9	+0.7
ZEA	57.05	22	P	23 08 53.9	+0.7
FURI	57.36	279	P	23 08 59.0	+2.6
AKTO	57.46	332	P	23 08 55.9	-0.2
AKTO	57.46	332	P	23 09 00.4	-0.3
AKT	58.06	319	eP	23 09 52.8	
AKT	58.06	319	P	23 11 11.0	
AKT	58.06	319	Pmax		
RMQ	58.51	123	P	23 09 05.9	+1.9
RMQ	58.51	123	P	23 09 08.3	+1.3
KMBO	58.89	267	P	23 09 09.1	+2.0
KMBO	58.89	267	eP	23 09 09.1	+2.0
GNI	58.49	316	P	23 09 11.4	+0.7
GNI	58.49	316	dP	23 09 10.4	+0.3
GNI	58.49	316	Pmax		
GNI	58.49	316	P	23 09 10.8	+0.1
GNI	58.49	316	P	23 09 13.1	-0.7
GNI	58.49	316	Iamb	23 09 15.0	
GROG	60.14	320	eP	23 09 15.1	+0.2
GROG	60.14	320	ePP	23 09 28.5	-1.6
GROG	60.14	320	eSP	23 09 34.0	+8.0
GROG	60.14	320	e	23 10 00.5	
GROG	60.14	320	e	23 11 29.6	
GROG	60.14	320	eSS	23 17 48.2	+4.8
GROG	60.14	320	Pmax		
TOO	60.75	136	P	23 09 21.5	+2.3
SVE	60.97	339	eP	23 09 20.2	0.0
SVE	60.97	339	Pmax		
ZEI	61.19	318	eP	23 09 21.9	-0.4
ZEI	61.19	318	Pmax		
MARD	61.24	312	P	23 09 23.5	+0.8
ARU	61.45	337	eP	23 09 22.9	-0.6
ARU	61.45	337	P	23 09 22.6	-0.9
ARU	61.45	337	iPP	23 09 36.8	-1.9
ARU	61.45	337	S	23 10 05.0	
ARU	61.45	337	SS	23 17 40.6	-1.4
ARU	61.45	337	Pmax	23 21 41.7	-1.7
ARU	61.45	337	P	23 09 22.8	-0.7
NCK	61.70	319	eP	23 09 25.9	+0.4
NCK	61.70	319	Pmax		
KBZ	62.26	319	P	23 09 29.2	0.0
KBZ	62.26	319	P	23 09 29.0	-0.2
ARMA	62.29	126	P	23 09 32.0	+2.1
ARMA	62.29	126	P	23 09 27.6	-2.3
ARMA	62.29	126	Iamb	23 09 32.3	
KOPT	62.42	314	P	23 09 29.6	-1.1
KOPT	62.42	314	Iamb	23 09 39.9	
KIV	62.49	319	iP	23 09 31.2	+0.3
KIV	62.49	319	dP	23 09 30.7	-0.2
KIV	62.49	319	ePP	23 09 43.4	+1.3
KIV	62.49	319	eSP	23 09 49.8	+3.5
KIV	62.49	319	Pmax		
KIV	62.49	319	MLR		
KIV	62.49	319	MLR		
KIV	62.49	319	P	23 09 30.5	-0.4
KIV	62.49	319	P	23 09 32.5	0.0
BELG	62.77	329	P	23 09 38.5	-0.6
BELG	62.77	329	P	23 09 37.8	-1.2
GAZ	63.89	310	P	23 09 40.5	+0.2
GAZ	63.89	310	Iamb	23 09 42.0	
SOC	64.31	318	eP	23 09 41.1	-1.7
SOC	64.31	318	ePP	23 12 02.0	
SOC	64.31	318	eS	23 13 33.4	
SOC	64.31	318	SS	23 18 17.0	-1.8
SOC	64.31	318	Pmax		
YAK	64.41	17	P	23 09 42.9	-0.2
YAK	64.41	17	P	23 09 42.0	-1.1
YAK	64.41	17	ePP	23 09 51.6	-2.7
YAK	64.41	17	eS	23 18 16.6	-2.3
YAK	64.41	17	eSS	23 18 48.1	+1.0
YAK	64.41	17	Pmax	23 25 14.7	
YAK	64.41	17	P	23 09 42.6	-0.5
YAK	64.41	17	P	23 09 52.2	+1.8
YAK	64.41	17	Pmax		
YAK	64.41	17	P	23 09 51.5	+1.0
YAK	64.41	17	Iamb	23 09 53.7	
TOKA	65.42	314	P	23 09 50.5	+0.3
TOKA	65.42	314	Iamb	23 09 51.3	
ANN	66.29	318	eP	23 09 53.3	-2.3
ANN	66.29	318	Pmax		
CSS	66.30	307	P	23 09 55.0	-0.9
CSS	66.30	307	Iamb	23 10 00.1	
VRH	66.32	326	eP	23 09 54.2	-1.4
VRH	66.32	326	Pmax		
KIRV	66.56	335	dP	23 09 56.6	-0.4
BR131	67.32	312	Iamb	23 10 03.1	

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BRTR	67.32	312	P	23 10 01.8	-0.7
BRTR	67.32	312	eP	23 10 02.2	-0.3
BRTR	67.32	312	Pmax		
BRTR	67.32	312	P	23 10 00.9	-1.5
VORD	67.58	325	eP	23 10 02.3	-1.4
VORD	67.58	325	Pmax		
ILGA	67.64	314	P	23 10 04.1	-0.5
ILGA	67.64	314	Iamb	23 10 05.3	
BR231	67.99	312	P	23 10 06.0	-0.7
BR231	67.99	312	Iamb	23 10 07.5	
LPSR	68.49	327	eP	23 10 08.3	-1.1
LPSR	68.49	327	Pmax		
ISP	69.18	310	P	23 10 13.7	-0.5
ISP	69.18	310	Pmax		
ISP	69.18	310	P	23 10 13.7	-0.5
ISP	69.18	310	Iamb	23 10 15.8	
MDUB	69.32	312	P	23 10 14.0	-0.9
LSZ	69.41	253	P	23 10 15.8	-0.2
LSZ	69.41				

Table with columns: TBI, Tubeai, 113.48 114 eLR, LR, 23 51 52.5, etc. Lists various astronomical objects and their properties.

OTAV PKPab PKPab 23 20 49.7 +1.2
JMA 09 23:02:13.2, 38:33N: 141:63E, h54km, 1km, M3.9
JMA Felt II J1.
NIED 09 23:02:13.3, 38:33N: 141:63E, h54km, MW3.9, Moment

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for Honshu.

BUC 09 23:22:34.2, 0.3, 45:73N: 26:58E, h86km, 2km, m3.5/34,
Error ellipse: s-maj=1.7km s-min=1.5km az=37.0
SOF 09 23:22:35.3, 45:73N: 26:58E, h53km, MD3.2
ISC 09 23:22:34.2, 1.2, 45:73N: 0.02, 26:58E, 0.02, h89km, 5km,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for Romania.

Table with columns: VARL, Varlezi, 0.90 79, P, Pn, 23 22 53.1 +0.4, etc. Lists various astronomical objects and their properties.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for South Africa.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like PRYS Parys, ERPM east rand prop, KSR Koster, LBTB Lobatse, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like GERES GERESE Array B, AKASA Kasperke Hory, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like ASAR Alice Springs, KOSK Kos Island, TURN Turunc, etc.

ATH 09 23:49:28.2, 36:73N-27:02E, h216km, 8km, ML3.2/3, Error ellipse: s-maj=9.1km s-min=2.1km az=31.0, IDC 09 23:49:38.5, 5.5, 36:81N-26:92E, h96km, 63km, mb3.2/5, mb1 3.4/7, mb1mx3.2/50, mbtmp3.6/7, ML3.9/2, Error ellipse: s-maj=56.3km s-min=19.9km az=158.0, DDA 09 23:49:41.6, 36:70N-27:11E, h133km, 1km, ML2.4, ISK 09 23:49:41.7, 36:69N-27:00E, h133km, 1km, ML2.6/21, THE 09 23:49:45.2, 36:65N-26:94E, h122km, 2km, ML3.0/7, Error ellipse: s-maj=2.9km s-min=1.2km az=51.0, ISC 09 23:49:41.7, 0.8, 36:67N-0:04:27:02E, 0.03, h136km, 5.5km, n85, +0:06/109, mb3.5/5, Dodecanese Islands

IDC 09 23:44:18.8, 0.9, 14:76N-54:85E, h0km, mb3.9/16, mb1 4.1/16, mb1mx3.8/57, mbtmp3.9/16, MS3.4/4, MS1 3.4/4, ms1mx3.0/38, Error ellipse: s-maj=21.0km s-min=20.2km az=6.0, NEIC 09 23:44:18.8, 1.6, 14:55N-0:06:54:7E, 0.1, h10km, 1km, mb4.2/12, Error ellipse: s-maj=21.0km s-min=7.6km, OMAN 09 23:44:25.9, 1.1, 15:14N-54:69E, h16km, ml3.5/5, Error ellipse: s-maj=33.5km s-min=11.9km az=244.0, ISC 09 23:44:20.6, 0.7, 14:83N-0:08:54:69E, 0.08, h10km, n51, +0:13/47, mb4.0/21, MS3.4/3, Owen Fracture Zone region

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KTHA Kythira Island, KTHA Kythira Island, VLI Velia, etc.

SNET 09 23:54:41.0e.1.1, 14.48N:89.17W, h1km,4km, ML3.2
CGG 09 23:54:43.0e.0.7, 15.53N:89.91W, h0km,56km, MD2.2
ISC 09 23:54:40.3e.1.2, 14.55N:0.04:89.09W, 0.04, h10km, 13km, n21, c057/28, 3C-3D, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ESQI Esquipulas, ESQI Esquipulas, TACO Tacachico, etc.

IDC 09 23:55:37.1e.0.7, 17.74N:147.98E, h0km, mb4.3/25, mb1 4.4/26, mb1mx4.3/47, mbmp4.3/26, ML4.4/1, MS2.8/1, Ms1 3.7/15, ms1mx3.5/35, Error ellipse: s-maj=20.6km s-min=13.7km az=102.0
NEIC 09 23:55:42.6e.1.2, 17.72N:0.10:147.9E, 0.1, h35km,7km, mb4.8/70, Error ellipse: s-maj=17.5km s-min=12.0km az=126.0

ISC 09 23:55:40.3e.0.5, 17.71N:0.06:147.97E, 0.08, h21km, n149, c078/141, mb4.7/68, MS3.7/15, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, H11N1 WAKE ISLAND Hy 18.04, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WR0 Warramunga Arr, WR2 Warramunga Arr, WRA Warramunga Arr, etc.

440

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bay, KLMR Klimovskoye, ALRES ACCESS Array B, etc.

IDC 10 00:35:06.3e.0.9, 17.78N:148.01E, h0km, mb4.1/16, mb1 4.3/17, mb1mx4.0/56, mbmp4.1/17, ML4.3/1, MS2.8/1, Ms1 2.8/11, ms1mx2.4/48, Error ellipse: s-maj=28.0km s-min=17.4km az=92.0
NEIC 10 00:35:11.0e.1.1, 17.77N:0.1:148.0E, 0.1, h36km,9km, mb4.5/16, Error ellipse: s-maj=23.9km s-min=4.5km az=126.0

ISC 10 00:35:11.8e.1.0, 17.70N:0.09:147.9E, 0.2, h35km, n38, c074/35, mb4.3/19, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, GJGF Kuroka, etc.

IDC 10 00:45:14.3e.2.0, 17.73N:147.67E, h0km, mb4.0/10, mb1 4.1/10, mb1mx3.8/51, mbmp4.0/10, MS3.6/1, Ms1 3.6/11, ms1mx2.5/50, Error ellipse: s-maj=57.8km s-min=29.0km az=94.0
NEIC 10 00:45:21.4e.1.2, 18.01N:0.09:147.5E, 0.2, h35km,2km, mb4.2/70, Error ellipse: s-maj=30.6km s-min=6.5km az=118.0

ISC 10 00:45:22.2e.1.1, 17.80N:0.1:147.6E, 0.2, h53km, n21, c095/19, mb4.0/13, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, MJAR Matsushiro Arr, etc.

PPT2	Papeete2	135.96	122	eLR	LR	03 08 47.0
T59A	Double "B" Bar	135.99	320	IAMS_20	IAMS_20	03 24 14.2
053A	New Philadelphia	136.08	326	P	PKPdf	02 25 08.8 +0.7
M50A	Fremont	136.25	329	IAMS_20	IAMS_20	03 27 03.5
G40A	Rib Lake	136.38	338	IAMS_20	IAMS_20	03 33 57.1
SS7A	Dark Hollow, R	136.39	332	IAMS_20	IAMS_20	03 24 48.1
V60A	Jim Taylor Ra	136.50	318	IAMS_20	IAMS_20	03 23 02.7
U59A	Littleton	136.51	319	IAMS_20	IAMS_20	03 24 42.7
052A	Adamsville	136.51	326	IAMS_20	IAMS_20	03 25 55.9
WAL2	Waterloo Lakes	136.75	2	IAMS_20	IAMS_20	03 35 26.9
D32A	Dogwood Acres	136.84	345	IAMS_20	IAMS_20	03 36 37.9
F36A	Milaca	137.01	341	IAMS_20	IAMS_20	03 35 30.5
P52A	Corning	137.01	326	P	PKIKP	02 25 11.0 -0.7
T57A	Hurt	137.05	321	IAMS_20	IAMS_20	03 25 15.7
ACSO	Alum Creek Sta	137.06	327	IAMS_20	IAMS_20	03 26 14.1
V59A	Midlesex	137.15	319	P	PKIKP	02 25 12.1 +0.1
N49A	Columbus Grove	137.18	329	IAMS_20	IAMS_20	03 30 27.3
Q53A	Leroy	137.20	325	P	PKIKP	02 25 12.1 +0.1
CNNC	Cliffs of the	137.22	318	IAMS_20	IAMS_20	03 23 43.8
NEW	Newport	137.32	5	PKP	PKPdf	02 25 09.7 -0.5
SPMN	Marine on St.	137.34	340	IAMS_20	IAMS_20	03 31 31.3
U57A	Blanch	137.45	320	P	PKPdf	02 25 10.6 -0.1
PL1A	Williamsport	137.63	327	IAMS_20	IAMS_20	03 26 15.4
B51A	Blacksburg	137.63	322	IAMS_20	IAMS_20	03 24 47.1
V58A	Windy Hill, Pi	137.70	320	IAMS_20	IAMS_20	03 24 09.2
H40A	Norwalk	137.71	337	IAMS_20	IAMS_20	03 33 03.3
554A	Dingess, Beckl	137.79	323	IAMS_20	IAMS_20	03 26 35.0
EGMT	Eagleton	137.79	358	P	PKIKP	02 25 12.5 -0.6
EGMT	Eagleton	137.79	358	PKPdf	PKPdf	02 25 12.0 +0.8
F33A	5 Mile Ranch,	137.85	344	PKPdf	PKPdf	02 25 12.1 +0.9
F33A	5 Mile Ranch,	137.85	344	IAMS_20	IAMS_20	03 31 37.5
V57A	Coltrane Farms	138.07	320	P	PKPdf	02 25 11.6 -0.3
Q51A	Peebles	138.11	326	IAMS_20	IAMS_20	03 26 35.1
U56A	King	138.16	321	IAMS_20	IAMS_20	03 23 35.2
W58A	Raeoford	138.24	319	P	PKPdf	02 25 12.8 +0.5
Y59A	Loris	138.61	317	IAMS_20	IAMS_20	03 26 47.6
W57A	LASA Array	138.66	319	IAMS_20	IAMS_20	03 30 07.5
LAO	LASA Array	138.89	354	PKPdf	PKIKP	02 25 14.5 -0.9
U54A	Nelsons Funny	138.94	322	IAMS_20	IAMS_20	03 26 49.5
M50	Missoula	138.97	2	P	PKPdf	02 25 14.0 +0.6
M50	Missoula	138.97	2	PKPdf	PKPdf	02 25 12.6 -0.8
SPIN	Lafayette	139.04	331	IAMS_20	IAMS_20	03 28 12.2
Y58A	Scranton	139.19	318	IAMS_20	IAMS_20	03 23 54.9
SDV	Santo Domingo	139.23	277	eP	PKPdf	02 25 15.9 +1.0
KMSC	Kings Mountain	139.52	320	IAMS_20	IAMS_20	03 25 30.3
Y57A	Sumter	139.61	318	IAMS_20	IAMS_20	03 26 01.9
044A	Mansfield	139.87	332	IAMS_20	IAMS_20	03 29 57.0
ECSD	EROS Data Cent	139.87	343	IAMS_20	IAMS_20	03 35 29.2
HDIL	Hopedale	139.92	333	IAMS_20	IAMS_20	03 31 01.7
TZTN	Tazewell	139.95	324	P	PKPdf	02 25 15.9 +0.5
PAUL	Pauline	140.03	320	IAMS_20	IAMS_20	03 26 42.8
G08A	Pilot Rock	140.04	8	PKPdf	PKPdf	02 25 16.1 +0.7
BOZ	Bozeman (W)	140.25	0	P	PKPdf	02 25 16.9 +1.1
BOZ	Bozeman (W)	140.25	0	IAMS_20	IAMS_20	03 39 39.7
T50A	Nancy	140.36	326	IAMS_20	IAMS_20	03 30 39.8
SCIA	State Center	140.39	338	IAMS_20	IAMS_20	03 33 03.2
N41A	Harden Midland	140.48	335	IAMS_20	IAMS_20	03 34 31.8
RLMT	Red Lodge	140.67	357	P	PKPdf	02 25 13.1 -3.5
RLMT	Red Lodge	140.67	357	IAMS_20	IAMS_20	03 41 38.8
Z56A	Williston	140.68	318	IAMS_20	IAMS_20	03 26 21.1
BMO	Blue Mountains	140.68	6	IAMS_20	IAMS_20	03 41 22.2
H03E	Hodges	140.69	320	IAMS_20	IAMS_20	03 26 26.2
P43A	Skaggs, Pawnee	140.76	333	IAMS_20	IAMS_20	03 32 17.6
I03D	Drain, Or	140.77	13	P	PKPdf	02 25 10.8 -5.8
OLIL	Olney	140.81	330	IAMS_20	IAMS_20	03 33 17.0
Q44A	Meyer Farm, Va	141.12	331	IAMS_20	IAMS_20	03 29 20.7
RSSD	Black Hills	141.15	351	PKIKP	PKPdf	02 25 12.9 -4.7
RSSD	Black Hills	141.15	351	PKPPr	PKPdf	02 25 12.9 -4.7
RSSD	Black Hills	141.15	351	IAMS_20	IAMS_20	03 40 23.5
NNA	Nana	141.20	243	PKP	PKPdf	02 25 19.1 +0.9
CPCT	Cooper Cave	141.28	324	IAMS_20	IAMS_20	03 25 29.3
N38A	Joes South For	141.36	337	IAMS_20	IAMS_20	03 33 59.0
L34A	Svendsen Farm,	141.41	342	IAMS_20	IAMS_20	03 33 54.0
J05D	Fort Rock, Or	141.61	1	P	PKPdf	02 25 14.7 -3.6
CLTN	Cedars of Leba	141.86	326	IAMS_20	IAMS_20	03 29 14.5
HUMO	Hull Mountain	141.89	14	PKPdf	PKIKP	02 25 20.5 -1.1
W50A	Signal Mountai	141.91	324	IAMS_20	IAMS_20	03 35 09.1
GOGA	Godfrey	141.99	320	P	PKPdf	02 25 19.0 -0.1
GOGA	Godfrey	141.99	320	IAMS_20	IAMS_20	03 29 22.6
Y52A	Liburn	142.07	321	IAMS_20	IAMS_20	03 29 37.9
MOOY	Moose Ponds	142.09	359	IAMS_20	IAMS_20	03 42 37.3
N35A	Tabor	142.17	340	IAMS_20	IAMS_20	03 30 41.1
HLID	Hailey	142.21	3	P	PKPdf	02 25 16.4 -3.0
HLID	Hailey	142.21	3	IAMS_20	IAMS_20	03 39 34.5
LOHW	Long Hollow	142.22	359	IAMS_20	IAMS_20	03 32 10.9

CHIC	Chingaza	142.25	270	eP	PKPdf	02 25 16.4 -4.2
V48A	Smith Brothers	142.39	326	IAMS_20	IAMS_20	03 26 28.5
L04D	North Hills	142.41	13	P	PKPdf	02 25 16.8 -3.0
REDW	Red Top Meadow	142.48	359	IAMS_20	IAMS_20	03 35 39.6
P38A	Dawn	142.48	337	IAMS_20	IAMS_20	03 32 29.7
FPAL	Fort Payne	142.55	323	IAMS_20	IAMS_20	03 29 40.0
SMLC	San Martin de	142.63	277	eP	PKPdf	02 25 16.4 -4.4
WWT	Waverly	142.65	327	P	PKPdf	02 25 16.8 -3.4
YBH	Yreka Blue Hor	142.78	14	PKP	PKPdf	02 25 19.9 -0.5
CCM	Cathedral Cave	142.83	333	P	PKPdf	02 25 16.3 -4.2
N33A	J Bar K, Exete	142.86	342	IAMS_20	IAMS_20	03 36 09.4
K22A	Casper	142.92	354	IAMS_20	IAMS_20	03 37 07.0
M04C	Maddox	142.93	13	P	PKPdf	02 25 18.2 -8.2
BW0E	Boulder Array	143.04	357	P	PKPdf	02 25 19.8 -1.2
PDAR	Pineda Array	143.04	357	PKP	PKPbc	02 25 18.8 +1.1
PDAR	Pinedale Array	143.04	357	PKP	PKPbc	02 25 19.1 +1.4
PTBC	PUERTO BERRIO	143.04	273	eP	PKPbc	02 25 17.3 +0.5
M02C	Callahan	143.07	14	IAMS_20	IAMS_20	02 25 19.2 +1.6
R40A	Maddies Statio	143.09	334	IAMS_20	IAMS_20	03 30 53.7
Z51A	Franklin	143.12	322	IAMS_20	IAMS_20	03 28 47.4
RKT	Rikitea	143.38	142	eSS	SS	02 47 19.5 +7.3
RKT	Rikitea	143.38	142	eLR	LR	03 12 18.1
ZARZ	Zaragoza	143.44	275	eP	PKPab	02 25 17.5 -0.9
X48A	Hartselle	143.45	325	IAMS_20	IAMS_20	03 32 10.2
N02D	Trinity Center	143.50	14	P	PKPdf	02 25 21.3 -0.3
Y49A	Blount Mountai	143.50	323	IAMS_20	IAMS_20	03 29 51.7
T42A	Van Buren	143.60	332	IAMS_20	IAMS_20	03 29 42.3
HALT	Halls	143.62	329	IAMS_20	IAMS_20	03 30 19.1
ORTC	Ortega, Tolima	143.71	269	eP	PKPab	02 25 17.6 -1.9
TOLC	Tolima	143.83	270	eP	PKPab	02 25 20.1 -0.2
OGNE	Ogallala	143.86	346	IAMS_20	IAMS_20	03 35 19.2
WDC	Whiskeytown Da	143.91	14	PKIKP	PKPdf	02 25 21.7 -0.6
WDC	Whiskeytown Da	143.91	14	PKPdf	PKPdf	02 25 21.7 -0.6
GNAR	Gosnell	143.92	330	IAMS_20	IAMS_20	03 31 33.1
S39A	Solivar	144.05	335	IAMS_20	IAMS_20	03 31 21.9
KSU1	Kansas State U	144.07	340	P	PKPab	02 25 20.2 +0.1
W45A	Hickory Valley	144.11	328	IAMS_20	IAMS_20	03 35 22.3
PHWY	Pilot Hill	144.12	352	IAMS_20	IAMS_20	03 36 28.0
M02C	Monterita, Cord	144.20	277	eP	PKPab	02 25 18.7 -2.6
O02D	Mt. Diablo Me	144.23	15	P	PKPdf	02 25 23.1 +0.2
HWUT	Hardware Ranch	144.24	360	IAMS_20	IAMS_20	03 43 11.7
LPAR	Lepanto	144.35	329	IAMS_20	IAMS_20	03 31 32.4
O03E	Paynes Creek	144.36	13	P	PKPdf	02 25 22.8 -0.4
LRAL	Lakeview Retre	144.42	323	P	PKPbc	02 25 21.8 0.0
ATAH	Atahualpa	144.47	249	PKP	PKPdf	02 25 24.0 -0.5
MET	Memphis-Engin	144.53	329	IAMS_20	IAMS_20	03 32 29.3
HBAR	Harrisburg	144.56	330	IAMS_20	IAMS_20	03 33 54.1
N30C	Ciudad Bolivar	144.57	272	eP	PKPab	02 25 22.2 -0.7
CBAC	Red Feather La	144.58	353	P	PKPdf	02 25 23.2 -0.6
N23A	Red Feather La	144.58	353	IAMS_20	IAMS_20	03 36 29.0
OXF	Oxford	144.72	327	P	PKPab	02 25 20.5 -2.1
OXF	Oxford	144.72	327	IAMS_20	IAMS_20	03 31 57.5
TCUT	Toone Canyon	144.73	360	PKP	PKPdf	02 25 23.9 -0.2
DBTC	Dabeiba, Cauca	144.78	274	eP	PKPab	02 25 23.2 -0.3
PLMO	Plano Mier	144.80	270	eP	PKPab	02 25 20.2 +2.8
Y01B	Yotoco, Valle	144.81	269	eP	PKPab	02 25 21.5 -2.2
SOTA	Rioblanco	144.89	266	eP	PKPdf	02 25 26.7 +1.3
Z47A	Carrollton	144.94	324	IAMS_20	IAMS_20	03 29 51.7
ELK	Elko	144.95	5	PKP	PKPab	02 25 23.4 -0.2
ELK	Elko	144.95	5	IAMS_20	IAMS_20	03 44 29.9
U40A	Yellowville	144.96	333	P	PKPab	02 25 22.8 -0.6
BEKR	Bekworth	145.08	12	PKPbc	PKPbc	02 25 23.7 -0.3
CBKS	Cedar Bluff	145.31	344	P	PKPbc	02 25 24.1 -0.5
CBKS	Cedar Bluff	145.31	344	IAMS_20	IAMS_20	03 36 42.7
X43A	Marvell	145.49	329	P	PKPab	02 25 25.7 +0.4
BBAC	Balboa, Cauca	145.51	265	eP	PKPdf	02 25 24.6 -1.5
GDML	Geyser, Valle	145.52	116	eP	PKPab	02 25 27.1 +1.5
O20A	White River Ci	145.58	355	P	PKPab	02 25 25.8 0.0
ISCO	Idaho Springs	145.62	352	P	PKPab	02 25 26.3 +0.2
ISCO	Idaho Springs	145.62	352	IAMS_20	IAMS_20	03 38 35.4
DUG	Dugway, Tooele	145.63	2	P	PKPab	02 25 26.2 +0.3
W41B	Gary Mavity, V	145.65	331	P	PKPdf	02 25 25.5 +0.1
BRAL	Brewton	145.74	321	P	PKPab	02 25 26.5 +0.1
AFDM	Forest Hills D	145.83	13	PKP	PKPab	02 25 27.0 +0.5
KSC0	Kaye Shedlock	145.85	347	P	PKPab	02 25 27.1 +0.3
KAN12	Harper Nest W	146.17	340	PKPbc	PKPbc	02 25 27.2 0.0
W39A	Magazine	146.34	333	P	PKPbc	02 25 27.9 +0.1
Q24A	Quincy	146.36	351	P	PKPab	02 25 28.6 -0.4
SMCO	Snowmass	146.40	353	IAMS_20	IAMS_20	03 35 16.1
OTAV	Otavallo	146.44	262	PKP2	PKPbc	02 25 29.6 +0.2
OTAV	Otavallo	146.44	262	MLR	MLR	02 25 29.6 +0.2
OTAV	Otavallo	146.44	262	PKPbc	PKPbc	02 25 29.9 -0.3
OTAV	Otavallo	146.44	262	eP	PKPdf	02 25 28.4 +0.4
X40A	Basin Creek Fa	146.48	331	IAMS_20	IAMS_20	03 33 42.8
TUL1	Leonard	146.59	336	P	PKPbc	02 25 28.3 -0.2

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like ALRZ, MHGZ, MRHZ, HNR, KHZ, RPZ, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like N02D, W03E, CWC, M02C, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like W18A, 1216, ZAIG, DUG, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 451 through 475.

Main table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations KRNET through X40A.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations X40A through ILAR.

10d 4h

Table with station names and coordinates. Includes stations like ELSON Array, Mina Array Bea, and Makanchi Array.

ATH 10:04:32:08.8, 38'17N:27:06.E, h29km, 1km, ML3.9/24, Error ellipse: s-maj=1.7km s-min=0.7km az=198.0

ISK 10:04:32:08.3, 38'21N:27:05.E, h14km, ML4.3/34 DD 10:04:32:08.3, 38'20N:27:07.E, h8km, 2km, ML4.3/34

IDC 10:04:32:08.1, 0.9, 38'06N:27'16E, h0km, mb3.7/8 mb1 3.5/6, ms1mx3.0/51, Error ellipse: s-maj=17.0km s-min=15.7km az=116.0

NEIC 10:04:32:09.2, 2.0, 38'17N:0'04:27'05E:0.05, h6km, 6km, mb4.0/6, ML4.3(THE), ML4.3(ISK), Error ellipse: s-maj=7.2km s-min=4.0km az=128.0

THE 10:04:32:10.3, 38'18N:27:04.E, h12km, 1km, ML4.1/10, Error ellipse: s-maj=1.7km s-min=0.6km az=232.0

ISC 10:04:32:09.5, 0.6, 38'20N:0'01:27'06E:0.20, h12km, 4km, m279, c19/336, mb3.8/12, MS3.5/5, 26C-11D, Turkey

Main station list table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Lists stations like zmzir, Izmir, Zeyve, etc.

2015 JAN

Main station list table with columns: SIGR, Station Name, Az, El, P, S, Time, Res, ISC. Lists stations like YERkesik, KOS Island, etc.

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Main station list table with columns: SMTH, Station Name, Az, El, P, S, Time, Res, ISC. Lists stations like Samothraki Is, Kutahya, Merke, etc.

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

KRSC 10 05:31:41.7±1.5, 52.529N±160.07E, h48km±15km, ML4.2
IDC 10 05:31:46.7±3.4, 52.524N±159.64E, h79km±17km, mb3.5/9,
mb1 3.7/9, mb1mx3.4/51, mbtmp3.8/9, Error ellipse:
s-maj=55.5km s-min=21.4km az=1.0

ISC 10 05:31:43.7±1.2, 52.526N±159.97E±0.05, h44km±10km,
h48±19/56, mb3.8/9, Off east coast of Kamchatka

Main table for 10d 6h section, listing station codes, names, coordinates, and seismic data.

WEL 10 06:13:35.1, 40.15±0.9, 177E±1, h25km±1km, M3.1/49,
ML3.5/17, MLv3.1/49, Error ellipse: s-maj=0.0km
s-min=0.0km az=90.4, North Island

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

Main table for 2015 JAN section, listing station codes, names, coordinates, and seismic data.

TUL 10 06:14:03.3±1.2, 36.27N±0.01, 97.25W±0.01, h5km±7km,
ML3.0, mb_Lg3.2/95(NEIC), Error ellipse: s-maj=1.9km
s-min=1.3km az=203.0

ANF 10 06:14:03.6±0.8, 36.25N±0.97, 20W, h0km, ML3.8/7, Error
ellipse: s-maj=9.1km s-min=2.6km az=161.0

NEIC 10 06:14:03.5±1.0, 36.27N±0.01, 97.25W±0.01, h5km±7km,
Error ellipse: s-maj=2.0km s-min=1.5km az=202.0

ISC 10 06:14:03.3±1.0, 36.30N±0.02, 97.24W±0.02, h6km±10km,
h81±15/57, Oklahoma

Main table for 2015 JAN section, listing station codes, names, coordinates, and seismic data.

Main table for 2015 JAN section, listing station codes, names, coordinates, and seismic data.

UPA 10 06:17:53.3±2.4, 8.34N±77.11W, h17km±6km, MW5.0
RSCN 10 06:17:54.3±1.0, 8.36N±77.17W, h40km±10km, ML4.2,
Mw4.2, Fault plane solution: NP1:ps155.00000,

δ28.0000°, λ111.0000°.
IDC 10 06:17:54.4,2.4, 8.56N,77:01W,h38km,21km,mb3.9/14,
mb1 4.2/19,mb1mx4.0/35,mbtmp4.2/19,ML3.6/5,MS3.5/13,
Ms1 3.5/13,ms1mx3.3/32,Error ellipse: s-maj=18.8km
s-min=12.4km az=40.0
NEIC 10 06:17:55.4,2.3, 8.46N,0:07:77.13W,0:06,h40km,8km,
mb4.4/20,Error ellipse: s-maj=10.3km s-min=7.8km
az=216.0

ISC 10 06:17:54.3,0.5, 8.41N,0:03:77.09W,0:03,h38km,1km,
n148,φ171/179,mb4.3/25,MS3.4/9,7C-4D,

Panama-Colombia border region

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

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains the majority of the seismic data entries.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists additional seismic stations and their data points.

DDA 10 06:43:12.6, 35.34N,27.65E,h6km,2km,ML3.2
IDC 10 06:43:15.1, 1.2, 35.24N,27.81E,h0km,mb3.5/4,
mb1 3.5/9,mb1mx3.9/59,mbtmp3.4/9,ML3.3/5,MS2.4/1,
Ms1 2.4/1,ms1mx2.1/50,Error ellipse: s-maj=24.2km
s-min=16.5km az=3.0

NIC 10 06:43:16.2,0.0,35.49N,27.74E,h10km,1km,ML3.8/3
ISC 10 06:43:16.0, 35.51N,27.73E,h2km,ML3.3/18
ATH 10 06:43:17.7, 35.63N,27.67E,h23km,10km,ML3.1/4,Error
ellipse: s-maj=10.5km s-min=1.5km az=164.0

THE 10 06:43:17.9, 35.59N,27.67E,h0km,2km,ML3.0/4,Error
ellipse: s-maj=4.2km s-min=1.3km az=145.0
ISC 10 06:43:16.5, 1.1, 35.49N,0:03:27.76E,0:h0km,8km,
n87,φ104/117,mb3.6/4,Decadecans Islands

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

IDC 10 06:24:54.6, 3.1, 6.67S,129.65E,h134km,42km,mb2.9/1,
mb1 3.2/5,mb1mx3.1/29,mbtmp3.6/5,Error ellipse:
s-maj=67.9km s-min=22.4km az=89.0, Banda Sea

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like BUEV Buena Vista, ACON Acopya, ESPN Las Esperanzas, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like comp=Z,12m,0.8s, PRPA Parauapebas, GLRA Glamis, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like JHH2 Haha-jima-NKT2, CBIJ Chichi jima, CJCJ Chichijima, etc.

MDD 10 07:04:43.6: 1.7, 36°82N, 124°2W, h0km, mb3.8/2, Error ellipse: s-maj=15.7km, s-min=12.7km, az=34.0, PLO=0.1

INMG 10 07:04:45.3: 1.2, 36°64N, 122°76W, h10km, ML2.2, Error ellipse: s-maj=7.4km, s-min=6.0km, az=86.0

ISC 10 07:04:42.6: 3.6, 36°9N, 01:12:4W, 0.2, h10km, n50, i=1943/90, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like PFVI Vila Bispo, PFVI Vila Bispo, PTEO Sao Teotonio, etc.

IDC 10 07:03:11.1: 3.3, 23°19N, 141°86E, h59km, 31km, mb3.6/11, mb1.9/14, mb1mx3.7/39, mbtmp4.0/14, ML3.6/2, MS3.6/1, Ms1.3/6.1, ms1mx2.6/5.1, Error ellipse: s-maj=32.0km, s-min=16.4km, az=67.0

NEIC 10 07:03:11.1: 1.1, 23°27N, 07:142°E, 0.4, h69km, 12km, mb4.6/9, Error ellipse: s-maj=49.2km, s-min=6.9km, az=80.0

JMA 10 07:03:17.1: 23°75N, 142°20E, h162km, 3km, ML5.1

ISC 10 07:03:10.6: 0.7, 23°28N, 006:142.0E, 0.2, h50km, n44, i=1814/2, mb4.0/14, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSBE So Bento, PMTG Montargil, EGRO El Granado, etc.

SOME 10 07:08:34.7, 40°20'N-77°20'E, h5km
NMC 10 07:08:35.8, 0.6, 40°22'N-77°23'E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=3.9km s-min=2.8km az=175.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDJ Kajsay, ULHL Ulahol, BOOM Boomskeye usch, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KST 8.5nm,0.4s, SATY Saty, KOTS Kotrybulak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC 10 07:32:13.8, 3.6, 53°57'N-90°77'E, h0km, mb1.2, 9/3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hitachi, Ashikaga, Matushiro Arr, etc.

NNC 10 10:48:45.4, 3.5, 48.56N, 77.92E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=38.4km s-min=7.7km az=67.0, Suspected Mining explosion.

ISC 10 10:47:42.1, 1.48, 68N, 77.46E, h0km, mb1.3/1.4, mb1mx3.0/45, mbtmp3.1/4, ML2.7/4, Error ellipse: s-maj=15.2km s-min=8.7km az=104.0.

ISC 10 10:48:47.1, 1.5, 48.67N, 0.06, 77.47E, 0.10, h0km, n9, 0.67/11, 6C-1D, Eastern Kazakhstan

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

ISC 10 10:56:49.2, 1.0, 35.47N, 139.33E, h119km, 8km, mb3.3/5, mb1.3/5.6, mb1mx3.1/36, mbtmp3.7/6, Error ellipse: s-maj=34.6km s-min=7.0km az=69.0.

JMA 10 10:56:49.0, 0.9, 35.50N, 139.33E, h112km, 1km, M3.0, n18, 0.5/49/30, mb3.6/5, Near south coast of eastern Honshu

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

ISC 10 11:20:04.7, 0.7, 8.90S, 159.83E, h123km, 6km, mb3.3/5, mb1.3/5.5, mb1mx3.2/42, mbtmp3.7/5, MS3.0/1, Ms1.3/0.1,

ms1mx4.2/3, Error ellipse: s-maj=31.9km s-min=19.9km az=104.0.

ISC 10 11:20:03.0, 6.0, 8.85S, 0.1, 159.3E, 0.1, h100km, m10, 0.29/14, 0.0, mb3.7/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Honiara, Garam, WAKA ISLAND Hy, etc.

JMA 10 11:20:43.1, 0.4, 43.55N, 147.53E, h5km, M3.8, MOS 10 11:20:45.5, 1.1, 43.65N, 147.54E, h52km, mb4.2/1, Error ellipse: s-maj=16.7km s-min=13.5km az=32.3

SKHL 10 11:20:47.0, 0.2, 43.67N, 147.46E, h62km, 6km, mb4.6/3, IDC 10 11:20:49.4, 1.9, 45.16N, 147.03E, h0km, mb3.8/8, mb1.3/9.8, mb1mx3.7/44, mbtmp3.8/8, ML3.0/1, Error ellipse: s-maj=53.3km s-min=21.5km az=163.0

ISC 10 11:20:42.7, 1.9, 43.62N, 0.06, 147.46E, 0.07, h15km, 11km, n37, 0.15/40/2, mb3.7/8, 2D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yuzh-Kuril'sk, Nemuro 2, Kuril'sk, etc.

RUSJ Misakicho 1.67 288 ePN Pg 11 21 15.0 +0.2

RUSJ Rausu 1.72 282 P Pg 11 21 14.8 -1.0

JKHN Keshirohama 1.76 275 P Pg 11 21 15.4 -1.1

JKHN Nushiroshibetsu 1.79 276 P Pg 11 21 39.1 -0.2

JAK Nakash 1.99 270 P Pb 11 21 16.1 -0.5

JAK Akkeshi 2.11 254 P Pb 11 21 20.1 -0.6

JTR Abashiri-Toko 2.59 279 P Pb 11 21 27.7 -1.2

JAR Ashorobuto 2.71 264 P Pb 11 21 29.1 -1.7

JAR Churui 3.16 253 eS Sb 11 22 03.5 -0.3

JCH Kamikawa-asahi 3.85 280 eP Pb 11 21 42.5 -2.7

ASAJ Asahikawa 3.55 280 Pn Pb 11 21 42.5 -2.8

ANBY Antikythira Is 1.36 84 S S 11 26 22.0 +1.4

ANBY 1.1m, 0.3s, baz=127, slow=14, SNR=7.3

JNBK Urukawa-nobuka 3.70 250 P Pb 11 21 43.9 -4.0

SOMN Sogino Array 26.75 293 P P 11 26 41.1 +1.6

ISC 10 12:05:54.1, 1.9, 35.73N, 0.06, 121.64E, 0.05, h15km, 12km, n9, 0.19/72/103, mb3.9/7, 7C-4D, Central Mediterranean Sea

mb1.3/5.9, mb1mx3.2/44, mbtmp3.9/9, Error ellipse: s-maj=41.5km s-min=17.8km az=86.0

ISC 10 11:23:53.7, 0.8, 4.81N, 109.09E, 0.12, h100km, m14, 0.27/18, mb3.9/9, 2D, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Don Marcelino, Bagumbayan, Su, etc.

IDC 10 11:29:32.3, 2.9, 17.71N, 121.55E, h0km, mb3.5/3, MAN 10 11:29:35.2, 1.7, 17.71N, 119.45E, h21km, mb4.8, ML3.7, MS3.0

ISC 10 11:29:34.3, 5.5, 17.10N, 105.119E, 0.01, h7km, 24km, n17, 0.23/5/29, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bolinao, Baguio City, Dolores, etc.

IDC 10 11:53:41.2, 3.8, 20.25S, 177.59W, h0km, mb3.7/3, mb1.4/0.3, mb1mx3.7/31, mbtmp3.6/3, MS3.0/1, Ms1.3/0.1, s-maj=39.1km s-min=16.7km az=167.0, Kermadec Islands

Code Station Name Azimuth Phase ID Time Res. Includes stations like Rata Peaks, Alice Springs, etc.

RPZ Rata Peaks 16.19 211 LR LSC 12 03 51.5

ASAR Alice Springs 43.47 267 P P 12 01 45.9 -0.6

WRA Warramunga Arr 44.44 272 P P 12 01 54.6 +0.3

TXAR Lajitas Array 92.01 57 P P 12 06 52.2 -0.1

IDC 10 12:05:53.7, 1.3, 35.84N, 21.72E, h0km, mb3.8/7, mb1.3/8.10, mb1mx3.5/50, mbtmp3.8/10, ML3.7/3, MS2.3/1, Ms1.2/3.1, ms1mx2.1/52, Error ellipse: s-maj=27.1km s-min=19.2km az=34.0

THE 10 12:05:57.4, 3.5, 74N, 21.68E, h6km, 3km, ML3.3/5, Error ellipse: s-maj=3.9km s-min=1.1km az=297.0

ISK 10 12:06:00.5, 3.5, 94N, 22.01E, h97km, 2km, ML3.8/7, ISC 10 12:05:54.1, 1.9, 35.73N, 0.06, 121.64E, 0.05, h15km, 12km, n9, 0.19/72/103, mb3.9/7, 7C-4D, Central Mediterranean Sea

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EVR, TSUK, MAKRA, AGG, etc.

JMA 10 12:21:44.5, 38.74N; 141.96E, h54km, 1km, M3.8

NIED 10 12:21:44.6, 38.74N; 141.96E, h54km, MW3.8, Moment Tensor Solution...

Failure plane solution: Ms5.56000x10^14 NP1; Ms3.350000, Ms1.00000, Ms1.700000...

10 12:21:45.6, 2.5, 38.75N; 141.97E, h66km, 23km, mb3.4/9, m1 3.8/12, mb2 3.4/33, mbtmp3 7.12, MS2 5/1, Ms1 2.5/1, ms1mx2 3.27, Error ellipse: s-maj=24.1km

ISC 10 12:21:44.6: 1.1, 38.75N; 142.00E; 0.05, h52km, 8km, n31, c1510/34, mb3.8/9, Near east coast of eastern Honshu

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

ASAR Alice Springs 62.54 188 P P 12 32 02.0 -0.9
FINES Finesse Array B 67.532 32 P P 12 32 33.8 -1.0
PDAR Piedade Array 75.14 46 P P 12 33 26.9 -0.3

NOU 10 12:38:24.2, 36.59S; 177.90E, h269km, MLV3.7, Off E. Coast of N. Island, N.Z.

WEL 10 12:38:28.6, 37.5S; 177E, h237km, 5km, M3.4/82, MLV3.4/82, Error ellipse: s-maj=0.0km s-min=0.0km az=8.1, Off east coast of North Island

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

s-min=10.0km az=61.0
NDI 10 13:06:44.8, 4.1, 11.78N; 93.45E, h151km, 19km, mb5.3, ML4.2, mb4.6(NEIC)
ISC 10 13:06:35.7: 0.4, 11.00N; 0.05; 93.56E; 0.05, h123km, n152, c1923/150, mb4.5/36, 1C, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBA, PBA, MSLI, UTHAI, PATY, etc.

10d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GO03 Copiap, AC02 Maricunga, AC01 Pan de Azucar, etc.

IDC 10 13:52:01.4±2.0, 22°30'N-122°15'E, h0km, mb3.7/4, mb1 3.7/4, mb1mx3.3/44, mbtmp3.7/4, MS2.8/1, Ms1 2.8/1, ms1mx2.5/30, Error ellipse: s-maj=161.6km s-min=24.2km az=66.0

JMA 10 13:52:04.0±0.1, 22°74'N-121°62'E, h25km, 4km, M3.4 TAP 10 13:52:05.5, 22°78'N-121°55'E, h18km, ML3.7, B ISC 10 13:52:04.2±1.0, 22°84'N-0°02'-121°60'E±0.02, h11km, 7km, n126, s19/05/171, mb3.5/4, 6C-16B, Taiwan region

Main table of station data for the 10d 14h period, including station names, coordinates, and seismic parameters.

2015 JAN

Main table of station data for the 2015 JAN period, including station names, coordinates, and seismic parameters.

466

Table of station data for the 466 period, including station names like TATO Taipei, TIBP Shuangxi, YM10 YMO, etc.

IDC 10 13:58:41.4±10.0, 17.69S-133°48'W, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.7/40, mbtmp4.1/3, MS3.5/7, Ms1 3.5/7, ms1mx3.3/23, Error ellipse: s-maj=429.7km s-min=30.2km az=136.0, Southern Mid-Atlantic Ridge

Table of station data for the IDC 10 13:58:41.4 period, including station names and coordinates.

IDC 10 13:59:60.0±0.6, 35°34'N-26°10'E, h0km, mb4.3/20, mb1 4.3/27, mb1mx4.2/47, mbtmp4.2/27, ML4.0/6, MS3.5/5, Ms1 3.5/5, ms1mx2.9/44, Error ellipse: s-maj=14.8km s-min=9.8km az=166.0

ISK 10 14:00:01.2, 35°33'N-26°19'E, h6km, ML4.2/21 ATH 10 14:00:01.8, 35°31'N-26°20'E, h13km, 2km, ML4.2/12, Error ellipse: s-maj=2.9km s-min=2.8km az=152.0 NEIC 10 14:00:01.5±2.5, 35°24'N-0°09-26°15E±0.07, h8km, 6km, Error ellipse: s-maj=13.5km s-min=7.7km az=181.0 NIC 10 14:00:01.7±0.0, 35°08'N-26°36'E, h0km, 3km, M14.6/3 THE 10 14:00:02.2, 35°30'N-26°19'E, h4km, 1km, ML4.2/13, Error ellipse: s-maj=1.4km s-min=0.4km az=170.0 MED_RC 10 14:00:02.0±0.7, 35°16'N-26°14'E, h20km, 1km, MW4.3/11, Moment Tensor Solution. Mantle waves: s1, c13; Duration: 190 Moment tensor: Scale 10^15Nm; M11-3.07E-22; M22-0.42E-29; M33-3.49E-40; M12-1.12E-43; M13-1.15E-27; M14-0.33E-48; Best double couple: M11-67000x1015; M12-176.000000; M13-343.000000; M14-119.000000; NP1-34.000000; S53.000000; Lambda-65.000000; Principal axes: T 3.8600, P165.00000, Az106.00000; N -0.3800, P120.00000, Az198.00000; P -3.4800, P167.00000, Az22.00000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s. HLW 10 14:00:04.8, 35°11'N-26°42'E, h14km, 7km, Md4.5 DDA 10 14:00:06.0, 35°47'N-26°03'E, h35km, 425km, MW4.4 ISC 10 14:00:01.8±0.6, 35°30'N-0°02'-26°18E±0.02, h13km, 3km, n279, s180/342, mb4.5/42, MS3.2/3, 10C-10D, Crete

Table of station data for the IDC 10 13:59:60.0 period, including station names and coordinates.

IACM		S	Sb	14 00 32.5 +1.0	KSL	Kastellorizon	2.90 72 P	Pn	14 00 50.1 +2.4	DPC	Dobruska-Polom	16.67 338 eP	P	14 03 57.1 -0.4	
IACM	Heraklion	1.01 271 P	Pg	14 00 19.4 0.0	KSL	Kastellorizon	2.90 72 S	Sb	14 01 26.2 -2.5	DAVOS	Davos/Dschmat	16.78 318 Pn	P	14 03 59.8 +0.9	
IDI	Anoia	1.05 270 Pn	Pg	14 00 21.8 -0.4	AKAS	Kas	2.94 70 PN	Pn	14 00 49.8 +1.4	DAVOS	comp=N,4.4nm,0.3s,baz=136,slow=14,SNR=3.9	LR	Pn	14 13 10.9	
IDI	comp=N,163nm,0.3s,baz=92,slow=14,SNR=207	Sn	Sg	14 00 35.1 -0.9	AKAS	Kas	2.94 70 P	Sn	14 00 50.8 +2.4	DAVOS	comp=N,78nm,22.0s,baz=294,slow=17	LR	LR	14 14 12.3	
IDI	comp=N,507nm,0.3s,baz=324,slow=19,SNR=17	Sn	Sg	14 00 21.6 -0.6	AKAS	Kas	2.94 70 P	Sn	14 01 13.0 -1.1	SENI	Lac Senin/Sane	18.02 314 P	Iamb	Pn	14 04 20.3 +0.2
IDI	Anoia	1.05 270 P	Pg	14 00 36.1 +0.1	VLI	Vellai	2.99 299 P	Pn	14 00 49.1 +0.1	SENI	comp=Z,17nm,0.8s	Iamb	Pn	Iamb	14 04 19.4
IDI	comp=E,15153um,0.6s	S	AML	14 00 40.2	URLA	Izmir	3.08 6 PN	Pn	14 00 49.8 -0.4	CLL	Colim	18.61 333 eP	P	14 04 15.0 -3.8	
IDI	comp=N,13956um,0.7s	AML	AML	14 00 41.9	URLA	Izmir	3.08 6 P	Sn	14 01 25.7 -1.2	CLL	Minsk	19.24 3 P	P	14 04 26.2 +0.5	
IDI	Anoia	1.05 270 P	Pg	14 00 21.6 -0.6	TAVA	DENIZLI_Tavas	3.09 45 P	Sn	14 00 52.8 +2.3	MNK	comp=E,3.0nm,1.3s	iP	P	14 04 26.2 +0.5	
IDI	Anoia	1.05 270 P	Pg	14 00 21.6 -0.6	CAEL	Denizli, Camel	3.12 53 P	Sn	14 00 53.7 +2.7	MNK	comp=N,4.1nm,1.4s	iP	P	14 04 26.2 +0.5	
IDI	Anoia	1.05 270 P	Pg	14 00 21.6 -0.6	CAEL		iS	Sn	14 01 27.9 -0.4	MNK	comp=Z,15nm,0.8s	iP	P	14 04 26.2 +0.5	
IDI	Anoia	1.05 270 P	Pg	14 00 21.6 -0.6	KRND	KRANIDI	3.21 311 P	Pn	14 00 52.8 +0.8	MNK	comp=Z,2.2nm,0.6s,baz=80,slow=9.2,SNR=26	iPP	Pn	Pn	14 04 41.4 +1.8
SIVA	Sivas	1.16 256 P	Pg	14 00 23.6 -0.5	ATHU	Athens Unvers	3.29 325 P	Pn	14 00 54.0 +0.9	MNK	comp=N,173nm,16.6s	iLRM	MLR	14 12 39.6	
SIVA	comp=N,58669um,0.6s	AML	AML	14 00 42.3	ADON	Dionisos Atlik	3.31 326 P	Pn	14 01 34.6 +1.9	MNK	comp=E,27nm,17.4s	iLRM	MLR	14 12 44.8	
SIVA	comp=N,35303um,0.7s	AML	AML	14 00 42.6	ADON	Athens Observa	3.32 324 P	Pn	14 00 54.7 +1.1	MNK	comp=Z,113nm,14.1s	iLRM	MLR	14 12 44.8	
SIVA	comp=N,24um,0.6s	AML	AML	14 00 42.6	GOLH	Golhisar	3.35 54 P	Pn	14 00 56.4 +2.3	MNK	comp=Z,2.1nm,0.9s,baz=85,slow=9.3,SNR=15	iLRM	MLR	14 12 33.3	
SIVA	Sivas	1.16 256 P	Pg	14 00 23.9 -0.2	ELL	Elmali	3.35 63 PN	Pn	14 00 55.6 +1.5	MNK	comp=N,7.7nm,0.5s	iLRM	MLR	14 12 39.6	
SIVA	comp=N,15um,0.7s	S	Sg	14 00 39.1 -0.1	ELL	Elmali	3.35 63 Pn	Pn	14 00 56.3 +2.2	MNK	comp=N,2.2nm,0.6s,baz=80,slow=9.2,SNR=26	iLRM	MLR	14 12 39.6	
TMBK	Timbaki Herakl	1.18 259 P	Pb	14 00 24.5 +0.4	EPID	Epidavros	3.38 314 P	Pn	14 00 55.6 +1.2	MNK	comp=Z,1.1nm,0.9s,baz=85,slow=9.3,SNR=15	iLRM	MLR	14 12 44.8	
SANT	Santorini	1.22 332 P	Pb	14 00 24.3 -0.6	AKUM	Antalya-Kumluc	3.54 72 P	Pn	14 00 58.7 +2.3	NACGM	Naroch	19.61 1 P	Pn	14 04 31.3 +0.1	
SANT	comp=E,31780um,0.4s	AML	AML	14 00 43.7	EREA	Eretria	3.60 331 P	Pn	14 00 58.6 +1.2	NACGM	comp=Z,2.2nm,0.6s,baz=80,slow=9.2,SNR=26	iP	Pn	14 04 31.3 +0.1	
SANT	comp=N,11648um,0.5s	AML	AML	14 00 45.3	VLX	Vlachokerasia	3.70 305 P	Pn	14 01 01.2 +2.1	NACGM	comp=Z,1.4nm,1.3s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	WANT	Manisa	3.71 310 P	Pn	14 01 01.2 +2.1	NACGM	comp=Z,2.1nm,0.9s,baz=85,slow=9.3,SNR=15	iP	Pb	14 04 32.7 -0.6	
SANT	comp=N,11um,0.5s	PN	Pn	14 00 41.9 +0.8	MAINT	Manisa	3.73 30 P	Pn	14 00 59.1 -0.1	NACGM	comp=Z,2.1nm,0.9s,baz=85,slow=9.3,SNR=15	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	ZEDA	zmir-Bergama	3.73 11 P	Pn	14 01 35.4 -7.6	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KULA	Kula-Manisa	3.78 31 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORL	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.1 -0.8	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini	1.22 332 P	Pb	14 00 24.2 -0.7	KORT	Korkuelli	3.78 62 PN	Pn	14 01 01.9 +2.0	NACGM	comp=N,1.1nm,0.5s	iP	Pb	14 04 32.7 -0.6	
SANT	Santorini														

10d 14h

ASAR Alice Springs 117.25 101 PKP PKPdb 14 18 46.7 -0.6

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes entries for WRA, ASAR, SONM, CMAR, ZALV, MKAR, YKA.

IDC 10 14:23:54.1±2.8, 6.79S; 129.63E, h132km, 38km, mb3.9/1, mb1 3.4/5, mb1mx3.2/29, mbtmt3.8/5, MS2.6/1, MS1 2.6/1, ms1mx2.2/38, Error ellipse: s-maj=69.3km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes entries for SIJI, FITZ, WRA, DAV, ASAR, MKAR.

IASPEI 10 14:30:10.9±0.8, 43.07N; 02.747E; 0.02h, 18km±4km, Error ellipse: s-maj=3.2km s-min=2.5km az=153.4, GT5 selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic, Seism. Res. Lett., 80 4, 465-472, 2009

KRNET 10 14:30:10.8±0.1, 43.07N; 74.75E, h21km, mb3.7, NNC 10 14:30:10.7±0.3, 43.08N; 74.78E, h0km, mb3.7, mpv3.6, Error ellipse: s-maj=2.4km s-min=1.2km az=146.0

KNET 10 14:30:10.0±0.4, 43.06N; 74.77E, h20km±2km, ml2.5, Error ellipse: s-maj=2.9km s-min=1.9km az=174.0

SOME 10 14:30:11.1±1.4, 43.12N; 74.75E, h15km, ISC 10 14:30:11.2±0.8, 43.06N; 02.747E; 0.01h, 18km±4km, n84, c1514/162, 37C-28D, Central Kazakhstan

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes entries for CHMS, USP, SGDS, KBK, AAK, TKM2, DGS, KST, EKS2, UCH.

2015 JAN

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes entries for KRBS, BOOM, MRKS, AML, MTBS, ARLS, IZV, ULHL, KUU, KTBS, AAA, TNSS, KNDC, MDOK, KOTS, MNAS, CHKK, KHC, ARSA, FINES.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes entries for BTLS, ANVS, ARSB, ARXS, ARXS, KURS, SATY, PRZ, KPXS, TRKS, KK31, SFK, SHLS, PDGK, DJR, KAPS, KAPS, MK31, MK31.

PRU 10 14:37:25.9±0.0, 51.45N; 16.12E, h0km, IDC 10 14:37:25.8±1.4, 51.43N; 16.19E, h0km, mb1 3.5/3, mb1mx3.2/32, mbtmt3.3/3, ML2.4/3, Error ellipse: s-maj=47.6km s-min=11.0km az=117.0

VIE 10 14:37:26.4±1.1, 51.38N; 16.09E, h0km, mb2.2/2, ml2.6/4, Error ellipse: s-maj=13.7km s-min=6.9km az=53.0 72 km WNW of Wrocław Suspected Mining induced

ISC 10 14:37:24.1±0.8, 51.50N; 0.04±16.14E; 0.03h, h0km, n29, c1502/51, Poland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes entries for KSP, CHVC, OSTC, UPC, DPC, PVCC, KRLC, BRG, BRG, BRG, MORC, CLC, CLL, CLL, OKC, VRAC, KRUC, OJC, NKC, KHC, KHC, KHC, GERES, GERES, GERES, LANS, LANS, MODS, MODS, CONA, CONA, MOA, ARSA, FINES.

az=227.0
BGR 10 17.03.35.8.0.0.301.37N.48.78E.h10km.mb5.3
ISC 10 17.03.07.9.0.6.28.69N.0.03.51.83E.0.03.h10km.3km,
n716.e1932/735.mb5.0/229.MS4.1/30.38C-48D.Fault
plane solution: N P1:312.73782; S:676.23859;
Lambda:8.76718; N P2:202.55278; S:843.07587; Lambda:15.61643;
Principal axes: T P1g43.2130; Azm182.9841; N
P1g39.8067; Azm324.5146; P P1g20.3834;
Azm72.5529; Southern IR

WBK comp=Z,1um,20.3s,baz=338,slow=40
Wadi Bani Khal SNR=20 8.84 132 P Pn 17 05 15.1 -0.6
WBK Minoodasht 9.05 18 S Pn 17 06 51.7 -3.7
SBZV Sabzevar 9.09 31 ePn Pn 17 05 20.0 +0.7
JLN Janar Bani Buh 9.45 132 P Pn 17 05 22.8 -1.2
MHTO MHTO 9.46 143 P Pn 17 05 25.0 +0.5
MAHB Mahabab 9.56 329 ePn Pn 17 05 25.9 +0.2
ISRB Sarab 9.75 340 ePn Pn 17 05 29.3 +0.9
IPAY Payeh 9.81 36 ePn Pn 17 05 29.7 +0.5
ISFR Sfrayin 9.81 30 ePn Pn 17 05 30.8 +1.5
DQM DQM 10.16 148 P Pn 17 05 33.2 -0.6

ABKAR Akbulak array 21.45 15 P P 17 07 55.2 -1.0
SIM Simferopol' 21.48 324 eP P 17 07 57.4 +0.9
SIM S Smax S Pmax 17 08 21.4
SIM Smax S Pmax 17 11 50.1 -4.5
MANT Manisa 21.66 303 P P 17 07 58.4 -0.4
KARP Karpathos 21.95 294 P P 17 08 01.9 +0.1
AKTO Aktyubinsk 22.21 10 P P 17 08 03.6 -0.8
comp=Z,19nm,0.8s,baz=209,slow=12,SNR=26
AKTO 17 17 50.2 LR LR
AML Almayusha 22.22 47 P P 17 08 04.7 -0.2
comp=Z,419nm,20.3s,baz=180,slow=40
EKS2 Erkin-Say 22.54 46 P P 17 08 08.3 +0.2
KSH Kashi 22.65 55 P P 17 08 07.4 -4.6
KSH pP S pP S 17 08 07.8 -4.6
KSH sS pS 17 12 02.8 -1.5
KSH 17 12 10.8 -1.0
comp=Z,39nm,0.7s
KSH pmax pmax
comp=Z,410nm,5.2s
KSH LR LR
comp=Z,1um,9.2s
KSH LR LR
comp=Z,990nm,10.2s
KSH LR LR

Code Station Name Az Az2 Phase ID Time Res ISC
AHBU AHRAM 0.50 290 Op Pp 17 03 16.5 -1.2
KAZI Kazerun 0.94 350 ePp Pp 17 03 23.2 -2.9
QIR1 QIR1 1.09 101 ePp Pp 17 03 27.8 -1.0
SHI Shiraz 1.12 32 ePp Pp 17 03 27.0 -2.4
SHI 1.71 348 eSg Pp 17 03 43.0 -0.9
SHI 17 03 49.5

IKRD Kardeh 10.33 37 ePn Pn 17 05 37.0 -7.6
IMYA Miami 10.33 40 ePn Pn 17 05 37.3 +1.0
IHRS Heris 10.40 339 Pn Pn 17 05 35.9 -1.3
IHRS Heris 10.40 339 ePn Pn 17 05 36.0 -1.3
HERA Herat 10.54 55 S Pn 17 05 39.8 +0.7
GYAT Alibeck 10.60 28 Pn Pn 17 05 39.1 -0.7
comp=Z,1.0nm,0.3s,baz=202,slow=11,SNR=14
GEYT 17 09 47.1 LR LR
comp=Z,1.03nm,19.8s,baz=75,slow=38
GEYT Alibeck 10.60 28 Pn 17 05 39.9 0.0
ALBECK ARRAY 10.60 28 Pn 17 05 40.4 +0.5
ITBZ Tabriz 10.63 335 ePn Pn 17 05 41.7 +1.3
WHFO Wadi Hawf 10.87 170 P Pn 17 05 42.1 -1.5

UCH Uchter 22.80 48 P P 17 08 11.0 -0.1
SNR=15
AAK Ala-Archa 22.98 47 P P 17 08 14.5 +1.7
AAK Ala-Archa 22.98 47 P P 17 08 12.6 -0.2
AAK Ala-Archa 22.98 47 P P 17 08 12.6 -0.2
FRU1 Bishkek 23.16 46 P P 17 08 14.5 0.0
FRU1 17 08 14.5 0.0
comp=Z,39nm,1.1s
FRU1 Bishkek 23.16 46 P P 17 08 14.5 0.0
FRU1 17 08 30.6
comp=Z,38nm,1.1s
FRU1 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

JHRM Jahrom 1.54 97 ePp Pp 17 03 36.5 -0.1
LMD1 LMD1 1.79 139 ePn Pp 17 03 40.6 -0.2
KLNJ Kolanjah 2.32 355 ePn Pn 17 03 46.6 +0.2
ABEH Behbahan 2.35 324 ePn Pn 17 03 47.0 +0.5
LAR1 LAR1 2.46 114 ePn Pn 17 04 18.5 +1.3
IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5
ISAD Sadrabad 3.59 26 ePn Pn 17 04 03.9 +0.1
IMEH Mehriz 3.61 41 Pn Pn 17 04 05.3 +1.2
IMEH Mehriz 3.61 41 ePn Pn 17 04 05.3 +1.2
KBD Kabd 3.66 279 eP Pn 17 04 04.6
AMIS Natf Sefid 3.69 324 ePn Pn 17 04 05.0
UMM Um Al-Rimmam 3.70 284 ePn Pn 17 04 05.1
SHR1 Shahrekord 3.71 348 ePn Pn 17 04 05.1 -0.4
RDF Al-Radifah 3.77 275 eP Pn 17 04 06.8
GENO Genoa 4.04 108 ePn Pn 17 04 10.4 +0.4
IPIR Pirpir 4.06 349 Pn Pn 17 04 09.6 -0.7
IPIR Pirpir 4.06 349 ePn Pn 17 04 09.6 -0.7
MIB Mutribah 4.08 287 eP IAML 17 05 15.4

IMRD Marand 11.22 335 ePn Pn 17 05 48.8 +0.4
DMTO DMTO 11.29 165 P Pn 17 05 49.0 -0.4
RBK Rabkut 11.35 168 P Pn 17 05 48.3 -1.9
ABAO Aybut 11.37 173 P Pn 17 05 49.0 -1.4
GEVA Gevas 12.06 325 Pn 17 05 57.9 -2.1
GEVA Gevas 12.64 316 Pn 17 05 40.2 -2.9
GNI Garni 12.83 335 Pn 17 06 12.5 +2.0
GNI 17 11 48.3 LR LR
comp=Z,334nm,19.1s,baz=151,slow=41
GNI 17 06 11.0 -0.4
GNI 12.83 335 P Pn 17 06 09.5 -1.0
KOPT Kop Dagi 14.66 323 Pn Pn 17 06 34.4 -1.1
MAK Makhachkala 14.66 347 eP Pn 17 06 28.2 -7.1
MAK 17 06 28.2 -7.1

USP Oспенновка 23.31 45 P P 17 08 15.7 -0.3
CHMS Chumysh 23.33 46 P P 17 08 15.5 -0.7
SANT Santorini 23.47 296 P P 17 08 16.9 -0.7
APE Apeiranthos 23.56 298 P P 17 08 18.4 -0.1
IDI Anoyia 23.74 293 P P 17 08 20.3 0.0
comp=Z,28nm,0.7s,baz=38,slow=9.4,SNR=13
IDI Anoyia 23.74 293 P P 17 08 21.2 +0.9
IDI Anoyia 23.74 293 P P 17 08 20.6 +0.3
VRH Novokhoporsk 23.74 344 eS P 17 08 19.0 -1.0
VRH 17 12 30.6 -4.5
comp=Z,190nm,1.2s
VRH smax smax

IRAM Ramesheh 3.14 9 ePn Pn 17 03 57.7 +0.1
QRN Al-Qurain 3.44 272 eP Pn 17 04 01.5

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like WLF, APA, LZV, SSB, BCLA, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KMI, LOF, UTTA, SONM, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like YAK, INCH, BOS, etc.

Azm138.0000°; P -2.0526; Plg66.0000°; Azm282.0000°;
 BUJ 10 17:55:06.0,0.0,21.603;68.60W,1h23km,m85.5/16
 GCMT 10 17:55:06.6,0.1,21.575;0.01:68.69W,0.01,1h32km,
 MW5.4/142, Moment Tensor Solution. s134,c211;
 s142,c238; Duration: 1s3 Moment tensor: Scale 1017
 Nm; Mn:-1.39±.02; M0:0.70±.03; M0:0.69±.03;
 M0:0.12±.02; M0:0.85±.03; M0:0.92±.02; Best double
 couple: Mo:1.74000°/1017° NP1.30±117.0000°; 835.0000°;
 λ-122.0000°. Principal axes: T 1.7280, Plg14.0000°;
 Azm49.0000°; N 0.0250, Plg18.0000°; Azm144.0000°;
 λ-17520. Plg67.0000°; Azm83.0000°; nsta1 refers to
 body waves, cutoff=40s. nsta2 refers to surface waves,
 cutoff=50s. Triangular moment rate function

ISC 10 17:55:02.9,0.2,21.585;0.03:68.60W,0.03,h109km,1km,
 h110km,pP-P,1060.,i136/1043,mb5.6/281,26C-8R

Chile-Bolivia border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PB09	IPOC Station P	0.63	250	Op	ISC	17 55 21.4	+0.6
PB09				iS	Pn	17 55 34.6	+0.4
PB09				eS	Sn	17 55 34.6	+0.3
PB09				IAML		17 55 36.3	
comp=N,150um,0.5s							
PB09	IPOC Station P	0.63	250	Op	ISC	17 55 20.3	-0.6
PB09				iS	Pn	17 55 33.1	+1.0
PB09				eS	Sn	17 55 31.2	+0.4
PB09				IAML		17 55 35.2	+0.9
comp=Z,127um,0.5s							
LVC	Limon Verde	1.06	195	P	Pn	17 55 25.5	+0.4
LVC				S	Sn	17 55 25.5	+0.4
comp=Z,19um,0.3s,baz=18,slow=8.4							
LVC				S	Sn	17 55 41.5	-0.3
comp=Z,15um,0.3s,baz=200,slow=18,SNR=37							
LVC				LR		17 55 59.2	
comp=Z,24um,18.5s,baz=171,slow=5							
LVC	Limon Verde	1.06	195	iP	Pn	17 55 25.4	+0.4
LVC				iS	Sn	17 55 42.0	+0.2
LVC				iS	Sn	17 55 25.1	0.0
LVC	Limon Verde	1.06	195	eS	Sn	17 55 41.9	+0.1
LVC				eS	Sn	17 55 25.5	+0.4
LVC				eS	Sn	17 55 42.1	+0.2
LVC				IAML		17 55 44.6	
comp=Z,25um,0.6s							
PB03	IPOC Station P	1.16	246	iP	Pn	17 55 25.9	-0.1
PB03				iS	Sn	17 55 42.9	-0.5
PB03				IAML		17 55 43.9	
comp=E,83um,0.5s							
PB03	IPOC Station P	1.16	246	eP	Pn	17 55 26.0	-0.1
PB03				eS	Sn	17 55 43.2	-0.2
PB03				IAML		17 55 46.4	
comp=Z,54um,0.3s							
PB07	IPOC Station P	1.20	263	iP	Pn	17 55 26.4	0.0
PB07				iS	Sn	17 55 43.9	-0.3
PB07				iS	Sn	17 55 25.5	-0.9
PB07				Sn	Sn	17 55 43.8	-0.3
PB07				eS	Sn	17 55 44.1	-0.1
PB07				IAML		17 55 47.0	
comp=Z,127um,0.5s							
PB02	IPOC Station P	1.23	282	iP	Pn	17 55 26.6	-0.1
PB02				iS	Sn	17 55 44.8	-0.5
PB02				IAML		17 55 48.6	
comp=N,82um,0.4s							
PB02	IPOC Station P	1.23	282	eP	Pn	17 55 26.7	-0.1
PB02				eS	Sn	17 55 44.8	+0.1
PB02				IAML		17 55 49.4	
comp=Z,79um,0.5s							
PB08	IPOC Station P	1.52	340	iP	Pn	17 55 31.8	+1.4
PB08				eS	Sn	17 55 52.9	+1.6
PB08				IAML		17 55 55.0	
comp=E,37um,0.4s							
PB08	IPOC Station P	1.52	340	Sn	Pn	17 55 31.2	+0.8
PB08				eS	Sn	17 55 52.6	+1.4
PB08				eS	Sn	17 55 53.0	+1.8
PB08				IAML		17 55 56.3	
comp=Z,19um,0.4s							
PB04	IPOC Station P	1.62	242	iP	Pn	17 55 30.9	-0.4
PB04				eS	Sn	17 55 51.6	-1.3
PB04				IAML		17 55 58.4	
comp=E,46um,0.6s							
PB04	IPOC Station P	1.62	242	Pn	Pn	17 55 30.6	-0.7
PB04				Sn	Sn	17 55 52.0	-0.8
PB04				eS	Sn	17 55 30.9	-0.4
PB04				eS	Sn	17 55 52.6	-0.2
PB04				IAML		17 56 01.9	
comp=Z,31um,0.4s							
PATCX	Punta Patache	1.63	297	iP	Pn	17 55 31.6	+0.2
PATCX				iS	Sn	17 55 52.6	-0.4
PATCX				IAML		17 55 58.8	
comp=E,42um,0.5s							
PATCX	Punta Patache	1.63	297	eP	Pn	17 55 31.1	-0.3
PATCX				eS	Sn	17 55 31.6	+0.2
PATCX				eS	Sn	17 55 53.2	+0.2
PATCX				IAML		17 55 55.7	
comp=Z,37um,0.6s							
HMBC	Humberstone	1.77	317	iP	Pn	17 55 33.1	0.0
HMBC				iS	Sn	17 55 56.2	+0.1
HMBC				IAML		17 56 01.4	
comp=N,33um,0.6s							
TA01	Diego Aracena	1.79	304	iP	Pn	17 55 33.1	-0.1
TA01				iS	Sn	17 55 53.8	-0.8
TA01				IAML		17 55 58.8	
comp=N,31um,0.4s							
TA01	Diego Aracena	1.79	304	Pn	Pn	17 55 33.1	-0.1
TA02	Huauquima	1.94	312	eP	Pn	17 55 34.0	-0.2
GO01	Chusmiza	1.98	342	eS	Sn	17 56 02.2	+1.0
GO01				eS	Sn	17 56 02.9	+1.4
GO01				IAML		17 56 06.0	
comp=N,30um,0.1s							
GO01	Chusmiza	1.98	344	Pn	Pn	17 55 37.0	+0.8
PSGC	Pisagua	2.44	324	iP	Pn	17 55 40.1	+0.9
PSGC				IAML		17 56 15.7	
comp=E,10um,0.4s							
PSGCX	Pisagua	2.44	324	Pn	Pn	17 55 40.6	-1.1
PSGCX				eP	Pn	17 55 40.8	-0.8
PSGCX				IAML		17 56 17.6	
comp=Z,8um,0.8s							
MNMC	Minye Minye	2.61	339	iP	Pn	17 55 44.5	+0.4
MNMC				eS	Sn	17 55 44.5	+0.4
MNMCX	Minye Minye	2.61	339	eP	Pn	17 55 44.8	+0.5
MNMCX				eS	Sn	17 56 14.4	-1.3
MNMCX				IAML		17 56 19.4	
comp=Z,13um,0.6s							
PB10	IPOC Station P	2.63	223	iP	Pn	17 55 42.4	-1.6
PB10				IAML		17 56 24.2	
comp=N,10um,0.3s							
PB10	IPOC Station P	2.63	223	Pn	Pn	17 55 42.2	-1.9
PB10				eS	Sn	17 55 42.6	-1.5
PB10				eS	Sn	17 56 13.6	-2.1
PB10				IAML		17 56 39.4	
comp=Z,8um,1.0s							
YJA	Yavi	2.93	102	eP	Pn	17 55 50.8	+2.4
YJA				eS	Sn	17 56 30.2	+6.9
YJA				IAML		17 56 46.0	
comp=Z,817nm,1.6s							
PB16	IPOC Station P	3.34	345	iP	Pn	17 55 54.8	+0.7
PB16				IAML		17 57 09.7	
comp=N,3um,0.5s							
PB16	IPOC Station P	3.34	345	Pn	Pn	17 55 54.7	+0.7
PB16				eS	Sn	17 55 54.8	+0.7
PB16				eS	Sn	17 56 32.2	-1.2
PB16				IAML		17 56 39.4	
comp=Z,4um,1.2s							
HJA	Humahuaca	3.37	119	eP	Pn	17 55 56.5	+2.3
HJA				IAML		17 56 44.7	
comp=Z,572nm,0.9s							
PB14	IPOC Station P	3.45	208	Pn	Pn	17 55 53.0	-2.2
PB14				eP	Pn	17 55 55.1	-0.1
PB14				IAML		17 56 45.7	
comp=Z,18um,0.8s							
AP01	Chacalluta	3.59	333	eP	Pn	17 55 56.0	-0.8
AP01				eS	Sn	17 55 56.6	-0.8
GO02	Mina Guanaco	3.68	194	iP	Pn	17 55 57.1	-1.1
GO02				Pn	Pn	17 55 57.1	-1.1
AZAP	Zapla	4.19	130	eP	Pn	17 56 06.4	+1.4
AZAP				IAML		17 57 10.1	
comp=Z,833nm,1.0s							
ASTB	Santa Barbara	4.50	122	eP	Pn	17 56 09.9	+0.8
ASTB				IAML		17 57 09.1	
comp=Z,59nm,1.1s							

AC01	Via de Azucar	4.90	202	Pn	Pn	17 56 15.9	-3.5
AC01	Cafayete	5.11	152	eP	Pn	17 56 18.6	+1.2
AC02	Maricunga	5.25	185	eP	Pn	17 56 17.6	-1.9
AC02	Horco Molle	5.98	151	eP	Pn	17 56 29.8	+0.8
AHML				eP	Pn	17 56 30.2	
AHML				IAML		17 57 51.5	
comp=Z,182nm,1.2s							
GO03	Copiap	6.16	194	Pn	Pn	17 56 27.9	-3.7
GO03	Copiap	6.16	194	Pn	Pn	17 56 28.6	-3.0
AC04	Llanos de Chal	6.96	198	eP	Pn	17 56 36.9	-5.4
VCA	Vinchina	7.13	177	eP	Sn	17 56 44.3	-0.8
VCA				eS	Sn	17 57 47.6	-1.7
VCA				IAML		17 57 59.5	
comp=Z,855nm,0.3s							
CYA	Choya	7.29	160	eP	Pn	17 56 46.0	-0.7
CYA				IAML		17 58 14.7	
comp=Z,144nm,1.0s							
AC05	El Transito	7.38	191	Pn	Pn	17 56 44.3	-3.8
LCO	Las Campanas	7.63	194	Pn	Pn	17 56 46.5	-5.2
LCO	Las Campanas	7.63	194	Pn	Pn	17 56 46.5	-5.2
ACLC	Cerro La Cruz	7.95	170	eP	Pn	17 56 54.0	-1.8
CO01	Ruedos del Tor	8.46	189	eP	Pn	17 56 59.7	-3.2
AROD	Joteo	8.58	185	eP	Pn	17 57 01.8	-2.8
GO04	Tololo Observa	8.78	193	Pn	Pn	17 57 01.5	-2.5
GO04	San Ignacio	9.04	53	Pn	Pn	17 57 08.1	-2.6
comp=Z,42nm,0.3s,baz=247,slow=11,SNR=1664							
SIV				LR		18 01 37.5	
comp=Z,3um,19.3s,baz=245,slow=44							
CO02	El Pedregal	9.40	191	Pn	Pn	17 57 09.8	-5.7
CO03	Combarbal	9.82	192	Pn	Pn	17 57 14.8	-6.3
ZON	Zonda	9.92	180	Pn	Pn	17 57 18.3	-4.2
ZON	Zonda	9.92	180	Pn	Pn	17 57 18.3	-4.2
PTLB	Pontes e Lacer	10.86	57	eP	Pn	17 57 31.2	-4.0
VA03	San Esteban	11.27	188	Pn	Pn	17 57 35.0	-5.7
CPUP	Villa Florida	11.34	117	Pn	Pn	17 57 37.9	-

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352A	Blakely	55.03	343	P	P	18 04 22.6	-0.6
352A	Zakates	55.13	321	P	pP	18 04 49.2	-1.6
ZAIG	Catecates	55.13	321	P	P	18 04 25.3	+0.8
158A	Hollywood	55.14	348	P	P	18 04 25.1	+1.2
157A	Early Branch	55.24	347	P	P	18 04 25.6	+0.9
RGRS	Roger Stewart	55.30	348	P	P	18 04 25.6	+0.5
RGRS	Brewton	55.36	341	P	pP	18 04 52.9	+0.1
BRAL	Brewton	55.36	341	P	P	18 04 26.1	+0.5
BRAL	Brewton	55.36	341	P	P	18 04 23.7	-1.9
BRAL	Brewton	55.49	348	P	pP	18 04 53.5	+0.2
NHSC	New Hope	55.49	348	P	P	18 04 27.8	+1.3
NHSC	New Hope	55.49	348	P	P	18 04 27.5	+1.0
258A	St. Stephen	55.65	349	P	pP	18 04 54.8	+0.6
257A	Bowman	55.78	348	P	P	18 04 29.2	+0.6
256A	Williston	55.94	347	P	P	18 04 30.2	+0.5
256A	Williston	55.94	347	P	P	18 04 29.8	+0.1
Y60A	Bolivia	56.03	350	P	P	18 04 30.6	+0.2
152A	Waverly Hall	56.10	344	Iamb	Iamb	18 04 31.7	
Y59A	Loris	56.12	350	P	Iamb	18 04 31.3	+0.3
Y58A	Scranton	56.18	349	P	P	18 05 29.6	
Y57A	Sumter	56.42	348	P	P	18 04 34.0	+0.9
Y57A	Sumter	56.42	348	Iamb	Iamb	18 04 34.0	
GOGA	Godfrey	56.50	345	P	P	18 04 32.9	-0.7
GOGA	Godfrey	56.50	345	P	pmax	18 04 32.9	-0.7
GOGA	Godfrey	56.50	345	P	P	18 04 33.2	-0.5
GOGA	Godfrey	56.50	345	P	P	18 04 32.9	-0.7
X60A	Albert Glenn T	56.56	351	P	P	18 04 34.6	+0.6
X59A	McDuffie Farm	56.65	350	P	P	18 04 35.1	+0.5
X58A	Rowland	56.75	349	P	P	18 04 35.8	+0.4
X58A	Rowland	56.75	349	Iamb	Iamb	18 05 05.6	
X57A	Johnson Farm	56.80	349	P	P	18 04 36.4	+0.7
344A	Westbrook Farm	56.84	337	Iamb	Iamb	18 04 36.2	+0.1
344A	Westbrook Farm	56.84	337	Iamb	Iamb	18 04 37.7	
344A	Westbrook Farm	56.84	337	Iamb	Iamb	18 05 03.6	-0.4
W60A	Pink Hill	56.98	351	pP	pP	18 04 38.0	+0.9
X56A	White Oak	57.01	348	P	P	18 04 37.8	+0.6
HODGE	Hodges	57.01	347	P	P	18 04 37.2	-0.1
HODGE	Hodges	57.01	347	P	pP	18 05 04.8	-0.4
W61A	Ground Anchor	57.01	352	P	P	18 04 38.5	+1.3
BIRD	Birdtown, Kers	57.04	348	Iamb	Iamb	18 04 39.2	
Y52A	Libburn	57.07	345	Iamb	Iamb	18 04 38.7	
LRAL	Lakeview Retre	57.08	342	P	P	18 04 37.3	-0.5
LRAL	Lakeview Retre	57.08	342	Iamb	Iamb	18 04 38.6	
411A	DeRidder	57.14	335	P	P	18 04 39.3	+1.0
SACV	Santiago Island	57.16	54	Iamb	Iamb	18 04 37.3	-1.5
SACV	Santiago Island	57.16	54	Iamb	Iamb	18 04 38.6	
W58A	Raeoford	57.19	350	P	P	18 04 39.2	+0.7
342A	Flagon Creek P	57.36	336	P	P	18 04 40.5	+0.8
W57A	Gilead	57.45	349	P	pP	18 05 07.0	+0.2
PAULI	Pauline	57.48	347	Iamb	Iamb	18 04 42.3	
W56A	Indian Trail	57.54	348	P	P	18 04 41.4	+0.4
HKT	Hockley	57.55	332	dI	pmax	18 04 41.9	+0.9
HKT	Hockley	57.55	332	P	pmax	18 04 41.1	+0.1
HKT	Hockley	57.55	332	P	Iamb	18 04 43.4	
HKT	Hockley	57.55	332	P	pP	18 05 10.1	+1.3
Z47A	Carrollton	57.56	341	Iamb	Iamb	18 04 41.9	
KMSC	Kings Mountain	57.69	348	P	P	18 04 42.7	+0.6
KMSC	Kings Mountain	57.69	348	Iamb	Iamb	18 04 43.8	
V59A	Middlesex	57.76	351	P	P	18 04 42.9	+0.4
833A	Chaparral WMA	57.84	328	P	P	18 04 44.1	+0.8
833A	Chaparral WMA	57.84	328	P	pP	18 04 43.2	0.0
833A	Chaparral WMA	57.84	328	P	pP	18 05 10.8	-0.2
V58A	Windy Hill, Pi	57.93	350	P	P	18 04 43.7	+0.1
U61A	Possum Corner	58.08	353	P	P	18 04 45.0	+0.4
FPAL	Fort Payne	58.11	343	Iamb	Iamb	18 04 45.8	
V57A	Coltrane Farms	58.13	349	P	P	18 04 45.2	+0.1
V56A	Mocksville	58.18	349	P	P	18 04 46.2	+0.7
W52A	Murphy	58.21	345	Iamb	Iamb	18 04 47.0	
U59A	Littleton	58.27	351	P	P	18 04 46.4	+0.3
U59A	Littleton	58.27	351	Iamb	Iamb	18 04 47.6	
U60A	Pendleton	58.30	352	P	P	18 04 46.5	+0.2
U58A	Oxford	58.43	351	P	P	18 04 47.3	+0.2
V53A	Saluda	58.51	346	Iamb	Iamb	18 04 49.2	
U57A	Blanch	58.59	350	P	P	18 04 48.8	+0.6
NATX	Nacogdoches	58.62	334	P	P	18 04 49.7	+1.1
W50A	Signal Mountai	58.66	344	P	P	18 04 48.1	-0.7
W50A	Signal Mountai	58.66	344	pP	pP	18 05 16.1	-0.6
U56A	King	58.68	349	P	pP	18 04 50.0	+1.0
U56A	King	58.68	349	P	P	18 04 49.7	+0.7
U56A	King	58.68	349	P	P	18 04 49.1	-0.1
T59A	Double "B" Far	58.85	352	P	P	18 04 50.1	+0.1
T59A	Double "B" Far	58.85	352	P	P	18 04 50.4	+0.4
T59A	Double "B" Far	58.85	352	P	pP	18 05 17.0	+0.5
T58A	Grand View Acr	58.95	351	P	P	18 04 51.3	+0.5
V51A	Loudon	58.99	345	Iamb	Iamb	18 04 52.1	
435B	Jarrell	59.04	331	P	P	18 04 52.2	+0.7
435B	Jarrell	59.04	331	Iamb	Iamb	18 04 53.1	
U54A	Nelsons Funny	59.12	348	P	P	18 04 52.6	+0.5
T57A	Hurt	59.13	350	P	P	18 04 52.6	+0.6
T57A	Hurt	59.13	350	P	P	18 04 52.1	+0.1
T57A	Hurt	59.13	350	Iamb	Iamb	18 04 53.8	
OXF	Oxford	59.19	340	P	P	18 04 51.8	-0.7
Z41A	Richard Creek	59.22	336	P	P	18 04 53.4	+0.7
T56A	Rocky Mt	59.29	349	P	P	18 04 54.2	+1.1
CCAR	Cane Creek	59.44	338	P	P	18 04 54.5	+0.3
CCAR	Cane Creek	59.44	338	pP	pP	18 05 22.7	+0.5
SHEL	Horse Pasture	59.45	96	P	pP	18 04 54.2	-0.6

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SHEL	comp=Z,66nm,0.8s						
SHEL	Horse Pasture	59.45	96	P	P	18 04 54.2	-0.6
SHEL	Horse Pasture	59.45	96	Iamb	Iamb	18 04 59.0	
TZTN	Tazewell	59.51	346	P	P	18 04 54.5	-0.2
BLA	Blacksburg	59.53	349	P	P	18 04 55.8	+0.9
S58A	Poland Farm, P	59.55	351	P	P	18 04 54.8	0.0
V48A	Smith Brothers	59.57	343	P	P	18 04 54.6	-0.4
JSRW	J. Sargeant R	59.60	351	P	P	18 04 56.4	+1.2
X43A	Marvell	59.68	339	P	P	18 04 56.3	+0.5
W45A	Hickory Valley	59.72	341	P	P	18 04 55.4	-0.7
W45A	Hickory Valley	59.72	341	pP	pP	18 05 22.3	-1.8
W45A	Hickory Valley	59.72	341	pP	pP	18 05 33.4	-3.2
W45A	Hickory Valley	59.72	341	pP	pP	18 05 42.1	+0.2
JCT	Junction City	59.82	329	P	P	18 04 57.4	+0.4
S57A	Dark Hollow, R	59.83	351	P	P	18 04 57.5	+0.8
S57A	Dark Hollow, R	59.83	351	P	Iamb	18 04 56.9	+0.1
S57A	Dark Hollow, R	59.83	351	P	pP	18 05 25.4	+0.5
S56A	Natural Bridge	59.84	350	P	pP	18 04 57.9	+1.0
R58B	Mineral	59.87	352	P	P	18 04 57.7	+0.6
R58B	Mineral	59.87	352	Iamb	Iamb	18 04 58.9	
VNA3	Neumayer Olymp	59.91	161	P	P	18 04 57.9	+0.9
VNA3	Neumayer Olymp	59.91	161	PKIKP	PKIKP	18 11 57.9	-2.9
VNA3	Neumayer Olymp	59.91	161	PP	PP	18 07 11.9	+1.9
VNA3	Neumayer Olymp	59.91	161	PcP	PcP	18 05 42.1	-0.1
VNA3	Neumayer Olymp	59.91	161	S	S	18 13 22.4	+2.2
VNA3	Neumayer Olymp	59.91	161	pP	pP	18 05 25.9	+1.3
VNA3	Neumayer Olymp	59.91	161	pP	pP	18 05 30.3	+1.3
R59A	King George, V	60.00	352	P	P	18 04 58.8	+0.9
WHTX	Lake Whitney,	60.01	332	P	P	18 04 58.6	+0.5
U49A	Red Boiling Sp	60.02	344	Iamb	Iamb	18 04 58.9	
VNA1	Neumayer-Stat	60.11	160	P	pP	18 04 59.5	+1.2
VNA1	Neumayer-Stat	60.11	160	pP	pP	18 05 27.1	+0.8
VNA1	Neumayer-Stat	60.11	160	sP	sP	18 05 42.4	+3.6
WVT	Waverly	60.21	342	P	P	18 04 58.8	-0.7
WVT	Waverly	60.21	342	P	pP	18 04 58.0	-1.4
R56A	Rapidan	60.22	351	P	pP	18 05 26.0	-1.5
S54A	Dingess, Beckl	60.27	348	P	P	18 05 00.2	+0.8
T50A	Nancy	60.27	345	Iamb	Iamb	18 05 00.6	
R57A	Stanardsville	60.29	351	P	P	18 05 00.7	+0.8
X40A	Basin Creek Fa	60.34	337	P	P	18 05 00.4	+0.1
SLBS	Sierra La Lagu	60.36	316	P	P	18 05 02.6	+1.8
VNA2	Neumayer-Watz	60.48	161	P	P	18 05 01.5	+0.6
VNA2	Neumayer-Watz	60.48	161	PcP	PcP	18 05 49.1	+4.6
VNA2	Neumayer-Watz	60.48	161	pP	pP	18 05 30.0	+1.4
VNA2	Neumayer-Watz	60.48	161	sP	sP	18 05 43.1	+2.0
R55A	Marlinton	60.52	350	P	P	18 05 02.9	+1.3
R56A	Bull Pasture M	60.53	350	P	P	18 05 03.0	+1.3
S51A	Beattytville	60.57	346	Iamb	Iamb	18 05 02.8	
R54A	Victor	60.58	349	P	P	18 05 02.6	+0.7
MIAR	Mount Ida	60.66	336	P	P	18 05 02.7	+0.2
MIAR	Mount Ida	60.66	336	P	pP	18 05 02.1	-0.5
MIAR	Mount Ida	60.66	336	pP	pP	18 05 30.9	+0.3
MIAR	Mount Ida	60.66	336	pP			

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TRY Troy, ERPA Erie, K59A Coopersville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like E56A St. Veronique, LIC Lamto, K5CO Gray Lake, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like O20A White River Ci, O20A White River Ci, GMRC Granite Mounta, etc.

10d 17h

Table with columns for station call letters, frequency, and other technical details. Includes stations like VVDA, WVDA, PNTR, TOAO, TORO, TORD, etc.

2015 JAN

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

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

10d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NACGM Naroch, SALO Self, CTI Castel Tesino, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KSH David Mesa, NLU North Lily Min, PV14 Lion Creek, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like H10CA LAC DU BONNET, I56US NEWPORT INFRAS, etc.

Table with columns: IJAR, Matsuhiro Arr, 20.73 337, P, P, 19 11 33.5 -1.2, etc. Includes stations like Matsuhiro Arr, Jayapura, Nakatsue, etc.

Table with columns: INK, Inuvik, 69.44 23, P, P, 19 18 20.4 +0.7, etc. Includes stations like Inuvik, Kabul, Arti, etc.

Table with columns: MAKZ, Makanchi, 61.04 314, P, P, 19 21 19.6 +0.2, etc. Includes stations like Makanchi, Kurchatov, Eielson Array, etc.

10d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IMMV lera Moni Meta, IMMV lera Moni Meta, IMMV lera Moni Meta, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLL Jalalah, MMAI Mount Meron Ar, MMAI Mount Meron Ar, 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 JARCS ARCESS Array B, ILAR Eielson Array, YKA, etc.

10d 19h

Table with columns: ID, Name, Time, Distance, Speed, Status, etc. Includes entries like BC3 Big Chuckawall, K22A Casper, PVA00 Vasquez, etc.

2015 JAN

Table with columns: ID, Name, Time, Distance, Speed, Status, etc. Includes entries like I58A Old Forge, LBHN Lisbon, I59A Olive, etc.

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Table with columns: ID, Name, Time, Distance, Speed, Status, etc. Includes entries like N61A South Mountain, P56A Dayton Farm, O60A Telfon, etc.

Table with columns: SMLC, DBAC, OCANA, CBIOC, SDV, etc. Includes station names, coordinates, and status indicators.

Table with columns: TOLC, MOTO, SDV, ARGG, ANIL, ORTC, etc. Includes station names, coordinates, and status indicators.

Table with columns: DDMP, MATI, DAV, KCP, KCP, SKMP, BUKP, CGP, BUTP, WRA, ASAR, MKAR. Includes station names, coordinates, and status indicators.

IDC 10 19:33:16.4z-2.7, 7.89N, 72.74W, h0km, mb3.2/2, mb1 3.7/3, mb1mx3.4/27, mbtmp3.4/3, ML2.8/1 Error ellipse: s-maj=80.5km s-min=9.7km az=98.0

ASRS 10 19:54:42.2z, 0.53N, 129.98E, h10km, ML3.3/9, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi:org.gfz-potsdam.de/geofon/tab confirmed, Tuva-Buryatia-Mongolia border region

NEIC 10 20:46:1.1z, 2.3, 30.50S, 0.08:178.9W, 0.1, h225km, 5km, mb4.5/39, Error ellipse: s-maj=15.2km s-min=11.7km az=75.0

IDC 10 20:46:51.6z, 0.6, 30.39S, 178.98W, h228km, 5km, mb3.9/14, s-maj=1.4/16, mb1mx4.0/23, mbtmp4.5/16, Error ellipse: s-maj=12.2km s-min=1.2km az=126.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like BARC, PAMC, RUSC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like TDJR, MOY, KNGR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like RAO, RAO, RIZ, etc.

SNET	Serv Nav Est T	2.03 301	eP	Pn	21 29 20.7	+0.6
SNET			eS	Sn	21 29 45.6	0.0
SNET			IAML		21 29 48.8	
comp=Z,2j,m,0.2s						
SNET	Serv Nav Est T	2.03 301	eP	Pn	21 29 19.8	-0.3
BOQS	Boqueron	2.09 301	eP	Sn	21 29 21.9	+0.8
BOQS			eS	Sn	21 29 48.1	+0.7
BOQS	Boqueron	2.09 301	eP	Sn	21 29 21.9	+0.8
BOQS			eS	Sn	21 29 48.1	+0.7
JAYA	Jayaque - finc	2.20 297	eS	Sn	21 29 22.7	+0.3
JAYA			eS	Sn	21 29 49.1	+0.6
JAYA			IAML		21 29 50.2	
comp=Z,3j,m,0.2s						
JAYA	Jayaque - finc	2.20 297	eP	Sn	21 29 22.7	+0.3
JAYA			eS	Pn	21 29 49.1	-0.6
JAYA			IAML		21 29 50.2	
comp=Z,3j,m,0.2s						
TACO	Tacachico	2.28 305i	eP	Pn	21 29 23.7	+0.4
TACO	Tacachico	2.28 305i	eP	Pn	21 29 23.7	+0.4
ACON	Acopaya	2.31 107	eP	Pn	21 29 23.7	0.0
CEVE	Cerro Verde	2.43 299	eP	Pn	21 29 25.9	+0.5
CEVE			IAML		21 29 53.9	
comp=Z,2j,m,0.3s						
CEVE	Cerro Verde	2.43 299	eP	Pn	21 29 25.9	+0.5
CEVE			IAML		21 29 53.9	
comp=Z,2j,m,0.3s						
SBLs	San Blas	2.43 299	eP	Pn	21 29 26.1	+0.6
SBLs	San Blas	2.43 299	eP	Pn	21 29 26.1	+0.6
SNJE	San Jose	2.43 300	eP	Pn	21 29 26.1	+0.7
SNJE	San Jose	2.43 300	eP	Pn	21 29 26.1	+0.7
RTR	El Retiro	2.48 300	eP	Pn	21 29 27.2	+1.1
RTR	El Retiro	2.48 300	eP	Pn	21 29 27.2	+1.1
MTOS	Montecristo	2.55 313	eP	Pn	21 29 27.6	+0.6
MTOS	Montecristo	2.55 313	eP	Pn	21 29 27.6	+0.6
MTOS	Montecristo	2.55 313	eP	Pn	21 29 27.7	+0.6
ESQI	Esquipulas	2.65 316	eP	Pn	21 29 29.4	+1.2
GBSS	Finca Las Img	2.69 134	iP	Pn	21 29 28.8	+0.2
GBIA	Borinquen Arri	2.70 132	iP	Pn	21 29 29.0	+0.3
LAPC	Finca La Perla	2.71 133	iP	Pn	21 29 29.0	0.0
GPSZ	Hotel Rincon d	2.78 133	iP	Pn	21 29 30.4	+0.6
GUAB	Guayabo de Bag	2.90 132	iP	Pn	21 29 31.6	+0.2
GUAB			iS	Sn	21 30 06.1	+0.2
CUJ	Cuipiapa	2.98 131	iS	Sn	21 29 54.0	+0.5
PTEN	Parque Tenorio	3.08 128	iP	Pn	21 29 33.9	+0.1
ACAL	Aguas Claras	3.09 130	iP	Pn	21 29 34.2	+0.2
ESPN	Las Esperanzas	3.10 98	eP	Pn	21 29 34.5	+0.5
JTS	Las Juntas de	3.38 134	eP	Pn	21 29 37.7	-0.1
JTS			S	Sn	21 30 14.9	-2.4
comp=Z,2.8nm,0.3s,baz=348,slow=21,SNR=10						
JTS	Las Juntas de	3.38 134	eP	Pn	21 29 40.0	+2.2
JTS	Las Juntas de	3.38 134	eP	Pn	21 29 38.2	+0.4
AREI	Arenal 1	3.72 132	eP	Pn	21 29 41.4	+0.6
LAFE	Finca La Fe, P	3.76 139	eP	Pn	21 29 43.3	+0.4
JACO	JACO, Garabito	4.03 137	eP	Pn	21 29 47.4	+1.0
HDC	Heredia	4.19 129	eP	Pn	21 29 49.4	+0.7
LCR2	La Lucha 2	4.44 130	eP	Pn	21 29 52.9	+0.7
RIMA	Rio Macho	4.55 129	eP	Pn	21 29 54.1	+0.7
RTAL	Retalhuleu	4.54 295	eP	Pn	21 29 58.3	+1.9
HUEH	Huehuetenango	4.75 304	eP	Pn	21 29 58.3	+1.9
PETF	Flores	4.85 331	eP	Pn	21 29 59.1	+1.6
EDDO	Dominical	4.87 134	eP	Pn	21 30 00.4	+2.7
PEZE	Perez Zeledon,	4.92 131	eP	Pn	21 30 00.3	+1.8
DRKO	Duriko	5.32 129	eP	Pn	21 30 05.9	+1.9
EDBA	Buenos Aires	5.36 130	eP	Pn	21 30 06.1	+1.6
EDPN	Palmar Norte	5.36 133	eP	Pn	21 30 06.7	+2.3
RIOS	Rincon, Osa	5.50 135	eP	Pn	21 30 07.7	+1.4
PIRO	Carate, Puerto	5.84 136	eP	Pn	21 30 12.2	+1.3
BRUZ	Volcan	6.04 129	eP	Pn	21 30 14.3	+0.5
CCOL	Caracol de Cor	6.29 133	eP	Pn	21 30 16.2	+2.4
TEIG	Tepeich	7.58 354	eP	Pn	21 30 35.9	+1.5
CMIG	Matias Romero	8.44 302	eP	Pn	21 30 47.4	+1.2
CMIG			S	Sn	21 32 18.2	-1.7
comp=Z,1.4nm,0.3s,baz=271,slow=1,SNR=6.7						
DBBC	Dabela	12.39 116	eP	Pn	21 31 40.6	+1.0
MALC	Bahia Malaga	13.17 130	eP	Pn	21 31 56.2	+0.7
SMLC	San Martin de	13.68 105	eP	Pn	21 32 02.2	+1.0
RREF	El Recreo	14.21 122	eP	Pn	21 32 05.2	+1.6
D.LC	Tolima	14.41 123	eP	Pn	21 32 09.6	+0.6
OCAC	Ocaña	14.56 106	eP	Pn	21 32 09.1	+1.4
BBAC	Balboa, Cauca	14.61 135	eP	Pn	21 32 08.6	+0.2
ORTC	Ortega, Tolima	14.86 125	eP	Pn	21 32 12.4	+1.0
ROSC	El Rosal	15.10 120	eP	Pn	21 32 15.4	+0.6
ROSC			IAMB	IAMB	21 32 26.1	
comp=Z,2.6nm,1.1s						
OTAV	Otavalo	15.22 143	eP	Pn	21 32 18.5	-0.2
CHIC	Chingaza	15.71 119	eP	Pn	21 32 24.6	+0.4
SDV	Santo Domingo	16.93 101	eP	Pn	21 32 34.9	-2.3
comp=Z,0.6nm,0.3s,baz=284,slow=12,SNR=5.1						
TIGA	Titon	19.03 10	eP	Pn	21 33 02.5	+0.4
833A	Chaparral WMA,	19.17 326	eP	P	21 33 02.4	+0.7
833A	Chaparral WMA,	19.17 326	eP	P	21 33 02.4	+0.7
833A			IAMB	IAMB	21 33 03.7	
comp=Z,3.9nm,1.1s						
152A	Waverly Hall	20.08 7	eP	P	21 33 13.3	+1.8
154A	Montrose	20.26 11	eP	P	21 33 14.9	+1.4
LRAL	Lakeview Retre	20.29 1	eP	Pn	21 33 16.9	+0.1
251A	Franklin	20.67 5	eP	P	21 33 19.5	+1.6
251A			IAMB	IAMB	21 33 22.3	
comp=Z,2.5nm,1.0s						
GOGA	Godfrey	20.98 9	eP	P	21 33 23.4	+2.3
GOGA	Godfrey	20.98 9	eP	P	21 33 23.0	+1.8
GOGA			IAMB	IAMB	21 33 25.0	
comp=Z,2.2nm,0.8s						
WHXT	Lake Whitney,	21.34 336	eP	P	21 33 25.6	+0.6
WHXT	Lake Whitney,	21.34 336	eP	P	21 33 25.7	+0.7
WHXT			IAMB	IAMB	21 33 27.9	
comp=Z,2.0nm,0.8s						
Y52A	Liburn	21.34 8	eP	P	21 33 26.0	+1.0
Z58A	St. Stephen	21.73 17	eP	P	21 33 31.2	+2.0
comp=Z,1.7nm,0.9s						
OXF	Oxford	21.84 356	eP	P	21 33 30.8	+0.5
HODGE	Hodges	21.99 12	eP	P	21 33 33.5	+1.6
HODGE			IAMB	IAMB	21 33 34.4	
comp=Z,1.7nm,0.9s						
JSC	Jenkinsville	22.25 14	eP	P	21 33 35.6	+0.9
TXAR	Lajitas Array	22.43 320	eP	P	21 33 36.9	+0.2
comp=Z,4.6nm,0.7s,baz=147,slow=8.1,SNR=48						
TXAR	Lajitas Array	22.43 320	eP	P	21 33 36.7	0.0
TX31	Lajitas Ar. Si	22.43 320	eP	P	21 33 36.6	0.0
TX31			IAMB	IAMB	21 33 39.0	
comp=Z,1.5nm,0.7s						
TX32	Lajitas Array	22.43 320	eP	P	21 33 37.0	+0.3
MIAR	Mount Ida	22.50 347	eP	P	21 33 38.0	+0.8
MIAR	Mount Ida	22.50 347	eP	P	21 33 36.9	-0.3
MIAR			IAMB	IAMB	21 33 38.8	
comp=Z,1.4nm,0.9s						
SWET	Sewanee	22.51 3	eP	P	21 33 37.8	+0.5
X56A	White Oak	22.51 14	eP	P	21 33 38.5	+1.2
comp=Z,1.1nm,0.8s						
W50A	Signal Mountai	22.53 5	eP	P	21 33 38.0	+0.5
W50A			IAMB	IAMB	21 33 39.5	
comp=Z,1.5nm,0.8s						
BIRD	Birdtown, Kers	22.79 15	eP	P	21 33 40.9	+0.7
BIRD			IAMB	IAMB	21 33 41.6	
comp=Z,1.6nm,0.7s						
ABTX	Abilene, Hawle	22.81 333	eP	P	21 33 40.7	+0.3
comp=Z,1.4nm,0.9s						
WHAR	Woolly Hollow	22.96 350	eP	P	21 33 41.4	-0.3
WHAR			IAMB	IAMB	21 33 43.5	
comp=Z,2.0nm,1.4s						
TKL	Tuckaleechee C	23.14 8	eP	P	21 33 41.0	-2.4
TKL	Tuckaleechee C	23.14 8	eP	P	21 33 43.9	+0.4
TKL			IAMB	IAMB	21 33 46.6	
comp=Z,2.8nm,1.2s						
W56A	Indian Trail	23.23 14	eP	P	21 33 44.9	+0.6
comp=Z,1.8nm,1.1s						
V53A	Saluda	23.30 10	eP	P	21 33 45.6	+0.6
V53A			IAMB	IAMB	21 33 53.2	
comp=Z,1.5nm,1.1s						
CLTN	Cedars of Liba	23.36 2	eP	P	21 33 46.0	+0.6
CLTN			IAMB	IAMB	21 33 47.0	
comp=Z,1.2nm,0.7s						
WRT	Waverly	23.38 359	eP	P	21 33 46.0	+0.3

W57A	Gilead	23.39 16	eP	P	21 33 46.2	+0.4
W57A			IAMB	IAMB	21 33 46.2	+0.4
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
X60A	Albert Glenn T	23.46 20	eP	P	21 33 46.7	+0.3
W58A	Raeford	23.48 17	eP	P	21 33 46.9	+0.4
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
FCAR	Ozark Folk Cen	23.52 350	eP	P	21 33 46.0	-1.0
U49A	Red Boiling Sp	23.81 3	eP	IAMB	21 33 51.5	
V56A	Mocksiville	23.89 14	eP	P	21 33 51.2	+0.9
comp=Z,2.1nm,0.8s						
SLBS	Sierra La Lagu	24.00 300	eP	P	21 33 53.7	+2.2
SLBS			IAMB	IAMB	21 33 55.2	
comp=Z,1.2nm,1.1s						
TZTN	Tazewell	24.05 8	eP	P	21 33 52.3	+0.6
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
U40A	Yellville	24.10 349	eP	P	21 33 51.8	-0.4
U40A	Yellville	24.10 349	eP	IAMB	21 33 52.4	
comp=Z,1.0nm,0.6s						
V57A	Coltrane Farms	24.15 17	eP	P	21 33 53.1	+0.5
V58A	Windy Hill, Pi	24.24 17	eP	P	21 33 53.9	+0.6
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
WMOK	Wichita Mounta	24.28 337	eP	P	21 33 53.5	-0.3
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
WMOK	Wichita Mounta	24.28 337	eP	P	21 33 53.5	-0.3
U54A	Nelsons Furny	24.30 11	eP	P	21 33 54.8	+0.8
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
TUL1	Leonard	24.35 343	eP	P	21 33 53.9	-0.6
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
V59A	Middlesex	24.46 18	eP	P	21 33 55.9	+0.4
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
U57A	Blanch	24.77 16	eP	P	21 33 58.8	+0.5
V60A	Jim Taylor Roa	24.78 20	eP	P	21 33 59.1	+0.9
U58A	Oxford	24.96 17	eP	P	21 34 00.1	+0.2
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
MNTX	Cornudas Mount	25.14 322	eP	P	21 34 01.7	0.0
MNTX			IAMB	IAMB	21 34 01.7	0.0
BLA	Blacksburg	25.15 13	eP	P	21 34 03.5	+0.9
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
T57A	Hurt	25.33 15	eP	P	21 34 03.6	+0.2
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
MSXT	Muleshoe	25.40 329	eP	P	21 34 04.0	-0.1
U60A	Pendleton	25.46 20	eP	P	21 34 04.7	+0.2
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
CCM	Cathedral Cave	25.53 353	eP	P	21 34 04.1	-0.9
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
R55A	Marlington	26.34 13	eP	P	21 34 13.0	+0.5
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
Q53A	Leroy	26.62 10	eP	P	21 34 15.1	+0.1
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
R57A	Stanardsville	26.75 16	eP	P	21 34 16.8	+0.7
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
P52A	Corning	27.28 9	eP	P	21 34 21.0	+0.1
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
K5U1	Kansas State U	27.57 344	eP	P	21 34 22.9	-0.6
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
P56A	Devon Farm, R	27.81 14	eP	P	21 34 26.4	+0.9
comp=Z,2.0nm,0.7s,baz=148,slow=4.3,SNR=6.2						
P57						

Table with columns: SATY, PDGK, ZHN, ZHH, ZHN, ANVS, ANVS, KDJ, KDJ, KTMS, KTMS, KPKS, KPKS, KURS, KURS, KURS, KURS, TNS, TNS, TNS, TNS, MDO, MDO, MDO, MDO, MDO, MDO, KOTS, KOTS, KOTS, KOTS, KNDC, KNDC, AAA, AAA, AAA, AAA, IZV, IZV, IZV, IZV, ULHL, ULHL, DJR, DJR, DJR, DJR, MTBS, MTBS, MTBS, MTBS, ARXS, ARXS, ARXS, ARXS, BOOM, BOOM, CHKK, CHKK, CHKK, CHKK, KTBS, KTBS, KST, KST, KST, KST, TKM2, TKM2, TKM2, TKM2, DGS, DGS, DGS, DGS

Table with columns: DGS, KUU, KUU, KUU, TDK, TDK, TDK, KRBS, KRBS, KRBS, KAPS, KAPS, KAPS, UCH, UCH, AAK, AAK, AAK, ARLS, ARLS, ARLS, SGDS, SGDS, EKS2, EKS2, EKS2, AML, AML, MRKS, MRKS, MRKS, BTLS, BTLS, BTLS, MAKZ, MAKZ, MK31, MK31, KK31, KK31

NOU 10 22:11:18.3, 40:89S, 172:80E, h216km, MLV3.6, Off W. Coast of S. Island, N.Z.

WEL 10 22:11:20.9, 41:52:17.3E, h197km, 4km, M3.8/97, MLV3.8/97, Error ellipse: s-maj=0.0km s-min=0.0km az=74.6, Off west coast of South Island

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

Table with columns: PKVZ, MTVZ, BFZ, DVHZ, TRVZ, WHVZ, FWVZ, WHVZ, MOVZ, WVZ, TWVZ, PNHZ, NGZ, ANWZ, MOZ, OTVZ, KRVZ, ETVZ, BHZ, WPHZ, RACZ, HIZ, PRHZ, AKCZ, KACZ, KRHZ, GCSZ, KWHZ, RPZ, WACZ, WATZ, PXZ, KAHZ, ARVZ, MCHZ, BKZ, KMRZ, MRHZ, CKHZ, FOZ, NMHZ, ALRZ, LTHZ, TMZ, RAHZ, WHHZ, MUGZ, KMRZ, RTZ, LBZ, KNZ, URZ, MHGZ, PRGZ, RIGZ, JCZ, ODZ, IWZ, RUGZ, CNGZ, TWGZ, WKZ, WPHZ, EAZ, PUZ, PKGZ, MSZ, WNGZ, M3RZ, MLZ, WHZ, SYZ, APZ, PYZ

NEIC 10 22:17:49.9, 2.6, 43:45N, 105:105:21W, 0:07, h0km, 2km, ML2.6/22, Error ellipse: s-maj=10.2km s-min=6.4km az=320.0

IDC 10 22:17:49.5, 3.8, 43:54N, 105:28W, h0km, mb1 2.6/1, mb1mx2.6/52, mbmp2.2/1, ML3.0/1, Error ellipse: s-maj=63.1km s-min=26.1km az=168.0

ISC 10 22:17:48.6, 1.3, 43:40N, 105:105:22W, 0:06, h0km, n16, a1926/15, Wyoming

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

IDC 10 22:20:30.1, 2.4, 6:82S, 129:44E, h0km, mb3.2/1, mb1 3.5/3, mb1mx3.3/44, mbmp3.3/4, ML3.3/2, Error ellipse: s-maj=148.1km s-min=33.7km az=68.0, Banda Sea

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

IDC 10 22:22:22.8, 1.0, 35:49N, 26:51E, h0km, mb3.7/5, mb1 3.7/10, mb1mx3.5/62, mbmp3.6/10, ML3.4/5, Error ellipse: s-maj=29.2km s-min=13.3km az=164.0

ISC 10 22:22:25.4, 35:62N, 26:45E, h18km, ML3.3/23, ATH 10 22:22:25.0, 35:56N, 26:51E, h22km, 1km, ML3.4/10, Error ellipse: s-maj=7.0km s-min=1.6km az=151.0

THE 10 22:22:27.4, 35:55N, 26:51E, h22km, 1km, ML3.4/13, Error ellipse: s-maj=2.0km s-min=0.4km az=156.0

DDA 10 22:22:28.8, 35:84N, 26:79E, h17km, 2km, ML2.8, ISC 10 22:22:25.6, 1.4, 35:54N, 0:03, 26:52E, 0:02, h20km, 7km,

KAVA	Kavala	0.81 144	P	Pg	22 37 19.2 -1.1
KAVA	comp=N,298nm,0.3s		S	Sg	22 37 31.2 +0.3
SOH	Sokhos	0.92 206	P	Pg	22 37 22.1 -0.3
SOH			S	Sg	22 37 34.7 +0.2
SOH	comp=N,844um,0.4s		AML	AML	22 37 38.2
SOH	comp=E,658um,0.5s		AML	AML	22 37 38.5
SOH	Sokhos	0.92 206	P	Pg	22 37 22.1 -0.3
SOH			S	Sg	22 37 34.7 +0.2
SOH	comp=E,302nm,0.4s		AML	AML	22 37 47.2
SOH	Sokhos	0.92 206	iPg	Pg	22 37 22.1 -0.3
PGB	Panagyurishte	0.92 13	iPg	Pg	22 37 20.6 -1.9
VTS	Vitosha	1.08 334	P	Pb	22 37 23.6 -1.7
VTS	Vitosha	1.08 334	P	Pb	22 37 23.6 -1.7
VTS	Vitosha	1.08 334	iPg	Pg	22 37 23.6 -1.7
SOF	Sofiya	1.11 339	Pg	Pb	22 37 25.1 -0.6
KDZ	Kurdzhali	1.15 90	Pg	Pb	22 37 24.4 -1.9
KDZ	Kurdzhali	1.15 90	P	Pb	22 37 24.2 -2.1
HORT	Horiatitsi	1.21 210	P	Pb	22 37 27.2 -0.1
HORT			AML	AML	22 37 47.2
HORT	comp=N,334um,0.5s		AML	AML	22 37 47.9
HORT	comp=E,247um,0.5s		AML	AML	22 37 47.9
HORT	Horiatitsi	1.21 210	P	Pb	22 37 27.1 -0.1
HORT			S	Sb	22 37 43.9 +1.0
HORT	comp=E,148nm,0.5s		AML	AML	22 37 43.9 +1.0
HORT	Horiatitsi	1.21 210	PN	Pn	22 37 26.9 -0.3
THAS	Thassos island	1.22 149	P	Pb	22 37 27.2 -0.1
THAS			AML	AML	22 37 46.5
THAS	comp=E,485um,0.3s		AML	AML	22 37 47.5
THAS	comp=N,517um,0.4s		AML	AML	22 37 47.5
THAS	Thassos island	1.22 149	P	Pb	22 37 26.9 -0.4
THAS			S	Sb	22 37 43.5 +0.4
THE	Thessaloniki	1.23 215	P	Pn	22 37 27.6 +0.1
THE			S	Sb	22 37 43.9 +0.4
THE	comp=N,250nm,0.3s		AML	AML	22 37 45.2
THE	Thessaloniki	1.23 215	P	Pn	22 37 27.6 +0.1
THE			S	Sb	22 37 43.9 +0.4
THE	comp=E,354um,0.6s		AML	AML	22 37 45.4
THE	comp=N,352um,0.4s		AML	AML	22 37 45.4
THE	Thessaloniki	1.23 215	P	Pn	22 37 27.6 +0.1
THE			S	Sb	22 37 44.7 +1.2
THE	comp=N,138nm,0.4s		AML	AML	22 37 45.4
THE	Thessaloniki	1.23 215	iPg	Pn	22 37 27.8 +0.3
THE			iSg	Sb	22 37 44.5 +1.0
STIP	Stip	1.27 273	iPg	Pg	22 37 24.2 -3.8
STIP			iSg	Sb	22 37 38.9 -0.1
DIM	Dimitrovgrad	1.29 72	P	Pn	22 37 29.0 +0.7
GRG	Griva	1.32 239	P	Pn	22 37 28.3 -0.4
GRG			S	Sg	22 37 47.7 +0.6
GRG	comp=N,95nm,0.6s		AML	AML	22 37 29.0 +0.3
GRG	Griva	1.32 239	PN	Pn	22 37 29.0 +0.3
GRG			iPg	Pb	22 37 29.4 +0.7
GRG			iSg	Sg	22 37 47.8 +0.7
OUR	Ouranopolis	1.32 177	P	Pn	22 37 28.6 -0.1
OUR			AML	AML	22 37 48.9
OUR	comp=N,2324um,0.3s		AML	AML	22 37 49.2
OUR	Ouranopolis	1.32 177	P	Pn	22 37 28.4 -0.2
OUR			S	Sb	22 37 46.1 +0.2
OUR	comp=N,1167um,0.4s		AML	AML	22 37 48.9
OUR	Ouranopolis	1.32 177	P	Pn	22 37 28.4 -0.2
OUR			S	Sb	22 37 46.1 +0.2
OUR	comp=N,1167um,0.4s		AML	AML	22 37 48.9
OUR	Ouranopolis	1.32 177	PN	Pn	22 37 28.6 -0.1
OUR			AML	AML	22 37 48.9
PLG	Polygyros	1.32 195	P	Pn	22 37 29.2 +0.5
PLG			AML	AML	22 37 50.4
PLG	comp=N,461um,0.3s		AML	AML	22 37 51.2
PLG	comp=E,475um,0.6s		AML	AML	22 37 51.2
PLG	Polygyros	1.32 195	P	Pn	22 37 29.3 +0.6
PLG			S	Sb	22 37 46.9 +0.9
RDO	Rodhopi	1.34 112	P	Pn	22 37 29.0 +0.5
RDO			AML	AML	22 37 50.6
RDO	comp=N,914um,0.2s		AML	AML	22 37 51.5
RDO	Rodhopi	1.34 112	P	Pn	22 37 28.9 +0.1
RDO			S	Sb	22 37 47.2 +0.6
RDO	comp=E,358nm,0.2s		AML	AML	22 37 28.8 -0.2
RDO	Rodhopi	1.34 112	PN	Pn	22 37 28.8 -0.2
RDO			SN	Sb	22 37 47.0 +0.4
RDO	Bosilegrad	1.34 309	P	Pn	22 37 47.0 +0.8
RDO			Sg	Sb	22 37 48.4 +0.4
BOSS	esg		Pn	Pb	22 37 35.7 +1.6
MPEH	Malo Peshtene	1.71 356	iPg	Pg	22 37 35.7 +1.6
MPEH	Samothraki Isl	1.71 356	P	Pn	22 37 35.4 +1.3
PAIG	Paliouri	1.73 185	P	Pn	22 37 34.2 -0.1
PAIG			AML	AML	22 38 01.6
PAIG	comp=E,141um,0.5s		AML	AML	22 38 03.3
PAIG	Paliouri	1.73 185	P	Pn	22 37 34.0 -0.3
PAIG			S	Sb	22 37 56.6 +0.4
ALN	Alexandroupoli	1.79 114	P	Pb	22 37 37.3 -0.0
ALN			AML	AML	22 38 04.8
ALN	comp=N,84um,0.7s		AML	AML	22 38 07.8
ALN	comp=E,100um,0.3s		AML	AML	22 38 07.8
ALN	Alexandroupoli	1.79 114	PN	Pn	22 37 35.3 +0.0
ZAPS	Zavoj	1.87 331	ePn	Pn	22 37 37.4 +1.1
ZAPS			eSg	Sg	22 38 04.1 -0.6
LIT	Litokhoron	1.98 215	P	Pn	22 37 37.9 +0.7
ENEZ	Enez	1.94 117	PN	Pn	22 37 37.3 +0.1
CAVK	Edirne/Enez-Ca	1.97 118	iP	Pn	22 37 41.3 +1.0
CAVK			S	Sb	22 38 02.6 +0.4
CAVK			IAML	IAML	22 38 11.0
CAVK	comp=E,74nm,1.0s		IAML	IAML	22 38 11.0
FNA	Florina	2.08 246	PN	Pn	22 37 39.8 +0.6
GADA	Gvkeada	2.11 133	PN	Pn	22 37 39.7 +0.1
GOKA	anakaite-Gk	2.12 133	PN	Pn	22 37 39.9 +0.2
GOKA			iS	Sn	22 38 04.9 -1.2
GOKA			IAML	IAML	22 38 17.0
GOKA	comp=E,94nm,0.8s		IAML	IAML	22 38 17.0
EDRB	Edirne	2.15 84	PN	Pn	22 37 39.7 -0.4
ERIK	Erikli-Kesan	2.21 115	PN	Pn	22 37 40.6 -0.4
KESN	Edirne-Kesan	2.26 110	iP	Pn	22 37 38.2 +0.1
KESN			iS	Sb	22 38 13.0 -0.5
KESN			IAML	IAML	22 38 19.0
KESN	comp=E,64nm,0.2s		IAML	IAML	22 38 20.0
KESN	comp=N,62nm,0.4s		IAML	IAML	22 38 20.0
GELI	Tayfur-Gelibol	2.32 122	PN	Pn	22 37 42.6 +0.1
BAIL	Baleisti	2.40 351	iS	Sb	22 38 18.3 +1.1
KIRK	Kirkilareli	2.41 86	iP	Pn	22 37 46.9 -0.9
KIRK			iS	Sn	22 37 11.9 -1.1
ZAGS	Zajcar	2.48 331	eSg	Sg	22 37 47.4 +0.7
ZAGS			eSg	Sb	22 38 22.2 +2.8
LPK	Lapseki	2.52 119	PN	Pn	22 37 45.6 +0.4
ARMY	Kirkilareli, Me	2.66 84	iP	Pn	22 37 52.3 +0.0
RRK	Sarkoy-Tekirda	2.67 110	P	Pn	22 37 47.1 -0.2
COPA	Copaceana	2.67 21	iP	Pn	22 37 42.2 -0.0
COPA			iS	Sg	22 38 30.6 +0.2
MAR4	Marsite Statio	2.72 107	PN	Pn	22 37 48.3 +0.3
PUNG	Punghina	2.72 345	iS	Pn	22 37 48.5 +0.6
PUNG			iS	Sb	22 38 26.2 -0.1
PUNG			iS	Sg	22 37 50.9 +2.1
BYC	CANAKKALE_Bayr	2.78 132	iP	Pn	22 38 22.1 -0.1
BYC			iS	Sb	22 37 50.6 +0.6
KRBG	Karabiga-Canak	2.87 115	PN	Pn	22 37 53.5 +0.5
CRLT	Corlu	2.94 99	PN	Pn	22 37 51.5 +0.5
VIZE	Kirkilareli, Vi	2.97 90	iP	Pn	22 37 53.5 +2.1
VIZE			iS	Sn	22 38 25.1 -1.7
MRMT	Marmara Adasi	2.99 109	PN	Pn	22 37 51.8 0.0
BUHA	Balkesir, Bur	3.24 130	iP	Pn	22 37 55.8 +1.8
BUHA			iS	Sn	22 38 32.3 -1.3
BUHA			IAML	IAML	22 38 46.0
BUHA	comp=E,13nm,1.8s		IAML	IAML	22 37 55.8 +0.1
SUES	Edinec	3.28 112	PN	Pn	22 37 55.8 +0.1
EDS	Sjenica	3.31 300	ePn	Pn	22 37 55.8 +0.1
IVAS	Ivanjica	3.36 306	ePn	Pn	22 37 59.7 +2.9
CTKS	Kestanelik-?za	3.50 95	PN	Pn	22 37 58.9 +0.3
PLMR	Moldovita	3.51 334	iP	Pn	22 37 56.8 -2.0
MDVR			iS	Sn	22 37 56.8 -2.0
MDVR			iS	Sn	22 38 41.4 +1.2
TRUS	Trudelj	3.62 316	ePn	Pn	22 38 03.7 +3.3
DZV	Divibare	3.76 312	ePn	Pn	22 38 04.2 +0.4
GYSR	Gura Zlata	3.83 348	iP	Pn	22 38 04.1 +0.9
VOIR		3.88 12	ePn	Pn	22 38 07.9 +4.0
BLLS	Lazi#263;i	3.97 305	ePn	Pn	22 38 08.7 +3.4

10d 22:52:39.1, 7.21, 09S: 178.54W, h536km, 17km, mb3.3/9, mb1.3/12, mb1mx3.3/29, mbmp4.2/12, Error ellipse: s-maj=29.4km s-min=13.8km az=152.0

NEIC 10 22:52:38.5, 0.9, 21.1S: 0.2:178.5W, 0.1, h544km, gkm, mb4.1/20, Error ellipse: s-maj=24.0km s-min=16.2km az=147.0

ISC 10 22:52:39.4, 0.7, 21.1S: 0.1:178.7W, 0.1, h550km, n61, 0:88/57, mb4.0/19, 5C-7D, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	Res
					h m s	ISC
MSVF	Nonsavu	4.57	317	P	22 54 05.2	-0.7
	1.5nm, 0.3s, baz=137, slow=14, SNR=15					
MSVF	Nonsavu	4.57	316	P	22 54 05.8	-0.2
NIUE	Niue	8.44	76	P	22 54 39.7	-1.9
AFI	Afiamala	9.69	44	P	22 54 49.9	-4.5
	3.3nm, 0.3s, baz=255, slow=5.9, SNR=5.4					
AFI				S	22 56 36.0	-9.2
	3.6nm, 0.3s, baz=200, slow=23, SNR=8.3					
OZM	Mont Dzumac	13.90	263	P	22 55 37.7	0.0
DUM	Omahuta	15.64	204	P	22 55 57.7	+0.5
URZ	Urewera	17.50	191	P	22 56 11.6	-0.9
	0.8nm, 0.3s, baz=267, slow=3.0, SNR=6.2					
URZ	Urewera	17.50	191	P	22 56 10.8	-1.7
CTA	Charters Tower	32.28	263	P	22 58 28.6	+0.3
	3.2nm, 0.4s, baz=93, slow=10, SNR=5.9					
CTAO	Charters Tower	32.83	265	P	22 58 28.5	+0.3
	comp=Z, 5.5nm, 1.1s		Iamb	Iamb	22 58 41.3	
TOO	Toolang	35.06	234	P	22 58 47.4	+0.6
BBOO	Buckleboe	41.74	244	P	22 59 40.8	-0.1
BBOO			Iamb	Iamb	22 59 50.6	
	comp=Z, 7.8nm, 1.0s					
JAY	Jayapura	43.66	290	P	22 59 55.6	-0.5
	comp=Z, 2nm, 0.7s, baz=171, slow=4.8, SNR=5.1					
WR0	Warramunga Arr	43.73	263	P	22 59 56.7	0.0
WR0			Iamb	Iamb	23 00 16.4	
	comp=Z, 3.8nm, 1.1s					
AS31	Allice Springs	43.79	257	P	22 59 57.1	0.0
ASAR	Allice Springs	43.79	257	P	22 59 57.1	0.0
	comp=Z, 3.0nm, 0.7s, baz=96, slow=7.9, SNR=36		PcP	PcP	23 01 32.0	+0.4
ASAR			PcP	PcP	23 01 32.0	+0.4
	comp=Z, 0.8nm, 0.6s, baz=103, slow=3.6, SNR=9.7					
WB0	Warramunga Arr	43.90	263	P	22 59 57.3	-0.7
WB0			Iamb	Iamb	22 59 58.3	
	comp=Z, 3.9nm, 0.8s					
WRA	Warramunga Arr	43.92	263	P	22 59 57.6	-0.5
	comp=Z, 1.2nm, 0.5s, baz=57, slow=7.9, SNR=22					
WRA	Warramunga Arr	43.92	263	P	22 59 57.8	-0.3
FITZ	Fitzroy Crossi	52.35	263	P	23 01 02.1	+1.2
	comp=Z, 0.9nm, 0.4s, baz=59, slow=5.9, SNR=1.3					
FITZ	Fitzroy Crossi	52.35	263	P	23 01 01.6	+0.7
NWAO	Narrogin (SRO)	57.56	244	Iamb	23 01 36.7	-0.4
NWAO			Iamb	Iamb	23 01 55.0	
	comp=Z, 1.6nm, 1.1s					
NVAR	Mina Array Bea	81.87	44	P	23 04 01.9	0.0
	comp=Z, 0.7nm, 0.6s, baz=229, slow=7.9, SNR=7.3					
NVAR	Mina Array Bea	81.87	44	P	23 04 01.4	-0.4
K05A	Summer Lake	82.80	39	P	23 04 07.2	+0.8

11d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TUNCOI-MERKEZ, TABSURUN-IGDIR, etc.

MOS 11 01:18:42.7±0.0, 42.13N-47.69E, h16km, MPVA3.5
DRS 11 01:18:42.9±0.0, 42.16N-47.83E, h13km, ML2.6/9
ISC 11 01:18:43.2±1.3, 42.15N-47.77E±0.06, h17km, 6km, n17, r1500/33, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like URKAR, SERGOKALA, GUNIB, etc.

KRSC 11 01:29:29.4±1.5, 55.40N-166.75E, h29km±11km, ML3.6
IDC 11 01:29:30.0±1.9, 55.55N-166.46E, h0km, mb3.2/3
mb1 3.6/4, mb1mx3.2/40, mbtmp3.3/4, ML2.7/1, Error ellipse: s-maj=79.5km s-min=23.8km az=161.0

ISC 11 01:29:32.8±1.2, 55.43N-166.63E±0.08, h20km, n22, r143/24, mb3.3/3, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BERING, KRUTOBREGOVO, SEMKAROK, etc.

H1N2 WAKE ISLAND Hy 35.64 180 T
H1N3 WAKE ISLAND Hy 35.64 180 T
H1N1 WAKE ISLAND Hy 35.64 180 T

MKAR Makanchi Array 50.53 298 P
TXAR Lajitas Array 66.23 73 P

KRSC 11 01:29:58.1±1.7, 55.22N-166.49E, h36km±7km, ML3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BERING, KRUTOBREGOVO, etc.

2015 JAN

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JMA, HGSD, EGFH, etc.

500

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WWF, SGST, CHN1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WAKE ISLAND HY 30.35, ASAR Alice Springs, ILAR Eielson Array, MKAR Makanchi Array, ESDC Sonceca Array.

IDC 11 02:06:58.2-1.7, 6:06S; 147.64E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.5/29, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=53.7km s-min=24.9km az=112.0

ISC 11 02:07:09.1-1.4, 6:25.0'1.147.6E:0.3, h77km, n6, e125/7, mb3.3/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array, TORO Torodi Ar. Bea.

NEIC 11 02:12:33.6-0.8, 14:36S; 166.8E:0.1, h54km, gkm, mb4.2/5, Error ellipse: s-maj=15.7km s-min=10.7km az=62.0

IDC 11 02:12:33.5-3.6, 14:34S; 166.76E, h50km, 31km, mb3.8/6, mb1 4.0/8, mb1mx3.7/34, mbtmp4.1/8, ML4.1/2, MS3.5/4, Ms1 3.5/4, ms1mx3.1/24, Error ellipse: s-maj=30.7km s-min=19.0km az=72.0

ISC 11 02:12:34.2-1.3, 14:37S; 0.10166.8E:0.1, h67km, n14, e059/14, mb4.0/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Saraoutou, Mont Dzumac, HNR Honiara, PMG Port Moresby, CTA Stephens Creek, STKA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array, NVAR Mina Array Bea.

WEL 11 02:42:31.8-1.0, 32'S:23'18'W:0.4'6, h417km, 29gkm, M3.8/20, mb4.3/12, ML4.5/20, Mw(mb)3.4/12, Error ellipse: s-maj=0.1km s-min=0.0km az=114.5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Matakaoa Point, Waiomatatini S, Te Kaha, Pakihiroa, Puketiti, Raukumara Rang, Matawai, Te Karaka, Urewera, URZ, RAGZ Rawiri, RIGZ Rimuhau, MUGZ Murupara, RTZ Ruatahuna, KNZ Kokohu, RAHZ Aarahi, MAUNGATANIWA, WHHZ Waihua, NMHZ Naumai, BKZ Black Stump Fm, MCHZ McNeill Hill, ETVZ East Tongariro, BHHZ Black Hill Sta, KAHZ Kahuranaki, KRHZ Kereru, PXZ Pawanui, PNHZ Pakenui.

IDC 11 02:57:16.0-0.9, 5:45S; 151.44E, h70km, gkm, mb3.9/10, mb1 4.2/11, mb1mx3.9/35, mbtmp4.2/11, MS3.3/3, Ms1 3.3/3, ms1mx2.8/38, Error ellipse: s-maj=21.7km s-min=9.0km az=124.0

NEIC 11 02:57:16.1-1.4, 5:47S; 0.08x151.6E:0.1, h68km, 7km, mb4.3/12, Error ellipse: s-maj=21.2km s-min=9.4km az=113.0

ISC 11 02:57:15.1-0.6, 5:51S; 0.08x151.6E:0.1, h57km, n40, e1504/33, mb4.1/12, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Keravat (AS076), Rabaul, PMG Port Moresby, PMG Port Moresby, HNR Honiara, CTA Charters Tower.

Table with columns: SANVU Saraoutou, QIS Mount Isa, KDU Kakadu, MTN Mantion Dam, DZM Mont Dzumac, WB0 Warramunga Arr, WR0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MEET Meekatharra, SONM Sogingo Array, SONM Sogingo Array, VANDA Vanda, MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KDJ Kajisay, KDJ Kajisay.

IDC 11 03:07:28.4-6.2, 6:168N; 93.66W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.5/34, mbtmp3.4/3, ML3.5/1, MS3.5/1, Ms1 3.5/1, ms1mx2.8/33, Error ellipse: s-maj=124.1km s-min=21.1km az=3.0

NEIC 11 03:07:30.0-2.5, 15:78N; 0.04-94.60W:0.03, h31km, gkm, mb4.1/11, Md4.2/14(MEX), Error ellipse: s-maj=6.1km s-min=4.5km az=198.0

MEX 11 03:07:31.7-0.5, 15:78N; 94.59W, h12km, 5km, MD4.1

ISC 11 03:07:30.6-1.2, 15:78N; 0.07-94.58W:0.03, h35km, 6gkm, n33, e090/40, mb3.6/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PCIG Comitan, VHO Vista Hermosa, CMIG Matias Romero, CMIG Matias Romero, HUIG Huatulco, HUIG Huatulco, TGIG Tlapa, TGIG Flores, ESQ Esquipulas, NET Serv Nac Est T, MOIG Morelia, 435B Jarrell, TXAR Lajitas Array, NATX Nacogdoches, NATX Washetta, 237A Washetta, ABTX Abilene, ABTX Abilene, HDL Guadalupe Moun, MSTX Muleshoe, AMTX Amarillo, TUL1 Leonard, TUL1 Leonard, 121A Cookes Peak, KAN10 Anthony SW Sta, TUC Tucson, TUC Wupatki, PFO Pinyon Flats, NVAR Mina Array Bea, YKA Yellowknife Ar.

IDC 11 03:21:52.9-10.0, 17:66N; 146.41E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4/49, mbtmp3.4/4, Error ellipse: s-maj=396.9km s-min=33.1km az=81.0, Mariana Islands

ISC 11 03:21:52.9-10.0, 17:66N; 146.41E, h170km, 43km, mb3.0/4, mb1 3.2/5, mb1mx3.0/31, mbtmp3.5/5, Error ellipse: s-maj=91.2km s-min=29.9km az=133.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WRA Warramunga Arr, SONM Sogingo Array, ZALV Zalesovo Beam, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array, TORO Torodi Ar. Bea.

SOME 11 03:56:40.4, 40:22N; 176:97E, h10km NNC 11 03:56:41.1, 40:44, 40:46N; 78:43E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=47.9km s-min=29.6km az=69.0

KRNET 11 03:56:40.4, 40:34N; 77:38E, mb2.5

ISC 11 03:56:42.1, 8, 40:42N; 0.07-77.24E:0.06, h10km, n28, e059/49, 16C-100, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Kajisay, Ulahol, UHLH, BOOM Boomskeye usch, BOOM Boomskeye usch, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, ARLS Aral, ARLS Aral, UCH Uchtor, UCH Uchtor, MDOK Medeo, MDOK Medeo, MDOK Medeo, SATY Saty, SATY Saty, TKM2 Tokmak, TKM2 Tokmak, TKM2 Tokmak, KST Kasteek, KST Kasteek, KST Kasteek, KOT5 Kotyrbulak, KOT5 Kotyrbulak, KOT5 Kotyrbulak, KBK Karagaybulak, KBK Karagaybulak, SFK Sufi-Kurgan, SFK Sufi-Kurgan, DGS Degeres, DGS Degeres, DGS Degeres, AAK Ala-Archa, AAK Ala-Archa, AML Almayashu, AML Almayashu, CHMS Chumysh, CHMS Chumysh, KPKS Kokpek, KPKS Kokpek, KTBS Karobe, KTBS Karobe, KTBS Karobe, PDGK Padgomoye, PDGK Padgomoye, USP Ospanovka, USP Ospanovka, USP Ospanovka.

IDC 11 04:07:54.9-6.7, 6:43S; 147.69E, h141km, 70km, mb2.5/1, mb1 2.9/3, mb1mx2.7/39, mbtmp3.2/3, Error ellipse: s-maj=140.2km s-min=56.5km az=122.0, Eastern New Guinea region

ISC 11 04:08:38.6, 35:47N; 30:50E, h25km, ML3.0/29 DDA 11 04:08:39.5, 35:61N; 30:68E, h21km, 2km, ML2.5 NIC 11 04:08:40.9, 35:41N; 30:38E, h32km, 23km, ML3.2/3

ISC 11 04:08:39.7-1.3, 35:47N; 0.03-30.51E:0.03, h21km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, USP Ospanovka, USP Ospanovka.

ISC 11 04:08:38.6, 35:47N; 30:50E, h25km, ML3.0/29 DDA 11 04:08:39.5, 35:61N; 30:68E, h21km, 2km, ML2.5 NIC 11 04:08:40.9, 35:41N; 30:38E, h32km, 23km, ML3.2/3

ISC 11 04:08:39.7-1.3, 35:47N; 0.03-30.51E:0.03, h21km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, USP Ospanovka, USP Ospanovka.

ISC 11 04:08:38.6, 35:47N; 30:50E, h25km, ML3.0/29 DDA 11 04:08:39.5, 35:61N; 30:68E, h21km, 2km, ML2.5 NIC 11 04:08:40.9, 35:41N; 30:38E, h32km, 23km, ML3.2/3

ISC 11 04:08:39.7-1.3, 35:47N; 0.03-30.51E:0.03, h21km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, USP Ospanovka, USP Ospanovka.

ISC 11 04:08:38.6, 35:47N; 30:50E, h25km, ML3.0/29 DDA 11 04:08:39.5, 35:61N; 30:68E, h21km, 2km, ML2.5 NIC 11 04:08:40.9, 35:41N; 30:38E, h32km, 23km, ML3.2/3

ISC 11 04:08:39.7-1.3, 35:47N; 0.03-30.51E:0.03, h21km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, USP Ospanovka, USP Ospanovka.

ISC 11 04:08:38.6, 35:47N; 30:50E, h25km, ML3.0/29 DDA 11 04:08:39.5, 35:61N; 30:68E, h21km, 2km, ML2.5 NIC 11 04:08:40.9, 35:41N; 30:38E, h32km, 23km, ML3.2/3

ISC 11 04:08:39.7-1.3, 35:47N; 0.03-30.51E:0.03, h21km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, USP Ospanovka, USP Ospanovka.

ISC 11 04:08:38.6, 35:47N; 30:50E, h25km, ML3.0/29 DDA 11 04:08:39.5, 35:61N; 30:68E, h21km, 2km, ML2.5 NIC 11 04:08:40.9, 35:41N; 30:38E, h32km, 23km, ML3.2/3

ISC 11 04:08:39.7-1.3, 35:47N; 0.03-30.51E:0.03, h21km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, USP Ospanovka, USP Ospanovka.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Antalya-Kumluç, Kastellorizon, Elmalı, etc.

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

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

IDC 11 04:17:04.3:25.0, 5.48N-123.36E, h394km, 331km, mb2.8/6, mb1 2.8/6, mb1mx2.6/8, mbtmp3.6/6, Error ellipse: s-maj=178.4km s-min=36.8km az=75.0, Mindanao

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

IDC 11 04:48:30.4:3.8, 6.08S:146.71E, h49km, 36km, mb3.6/7, mb1 3.9/9, mb1mx3.5/4.1, mbtmp3.9/9, ML3.91, MS3.3/7, Ms1 3.9/7, ms1mx3.0/2.8, Error ellipse: s-maj=30.1km

NEIC 11 04:48:32.2:0.6, 1.7S:0.08-146.7E:0.1, h63km, 9km, mb4.2/7, Error ellipse: s-maj=16.9km s-min=12.1km az=92.0

IDC 11 04:48:31.0:0.7, 6.18S:0.07-146.57E:0.09, h52km, n27, @170/26, mb3.9/9, MS3.0/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG, RABL, JAY, etc.

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

TEH 11 05:03:48.9, 32.66N-47.72E, h8km, ML3.5, ISN 11 05:03:49.1, 1.2, 32.69N-47.75E, h15km, 6km, ML3.3, ISC 11 05:03:50.2, 32.64N-0.04-47.70E:0.04, h10km, n45, @059/43, Iran-Iraq border region

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

UPP 11 05:19:28.8:3.6, 67.57N:33.75E, h0km, ML1.7, Suspected explosion, KOLA 11 05:19:29.0, 67.66N:33.78E, h0km, ML2.2, Khibiny, mines Kirovsk, Yuksport

HEL 11 05:19:29.5:0.1, 67.71N:33.64E, h0km, ML2.1, Explosion, NLAO 11 05:19:29.5:0.1, 67.69N:33.67E, ML3.0, IDC 11 05:19:30.3:1.0, 67.73N:33.62E, h0km, mb3.1/1, mb1 3.6/8, mb1mx3.5/7, mbtmp3.6/8, ML2.5/5, MS3.6/1, Ms1 3.6/1, ms1mx2.7/2.8, Error ellipse: s-maj=12.1km s-min=8.3km az=65.0

ISC 11 05:17:20.1:0.7, 67.61N:0.03-33.87E:0.04, h0km, n44, @177/70, Baltic States-Belarus-Northern Russia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Retalhuleu, FUG, PCG, NBG, RTR, CEVE, SBLs, etc.

RSNC 11 05:45:19.3-1.0, 6.82N-73.16W, h147km, 4km, ML3.1, Mw3.4
IDC 11 05:45:19.8-4.5, 6.72N-73.24W, h170km, 36km, mb2.72, mb1 3.2/3, mb1mx2.9/22, mbtmp3.3/3, Error ellipse: s-maj=86.9km s-min=42.3km az=87.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including BARC, BRRC, PAMC, RUSC, PTBC, TAMC, OCAC, SPBC, ZARC, NORC, SMLC, CHIC, ROSC, HELC, UREC, VILC, PTGC, RREF, CBCC, DBBC, TOLC, MTC, ARGC, ANIL, ORTC, PLMC, YOTC, SMRC, MACC, MALC, GARZ, TXAR, YKA, WRA, ZALV.

UPP 11 05:46:34.8-2.2, 56.03N-20.86E, h0km, ML2.3, Suspected explosion

HEL 11 05:46:34.5-0.3, 56.05N-20.95E, h0km, ML1.9, ML2.3(UPP), Explosion
IDC 11 05:46:37.1-3.5, 56.30N-20.96E, h0km, mb1 3.4/3, mb1mx3.1/27, mbtmp3.3/3, ML2.5/3, Error ellipse: s-maj=35.3km s-min=16.3km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBUR, GOTU, VIKU, NYNU, VJXU, EKSU, NRTU, ESKU, VSU, GNOU, AAL, UPP, FIBU, BACU, ARBE, MEF, NUR, OFAC, RAF, RIF, FINES, NOA, ARC.

IDC 11 05:59:25.7-0.9, 56.95S-150.76W, h0km, mb4.0/4, mb1 4.3/4, mb1mx3.9/27, mbtmp4.0/4, MS3.4/2, Ms1 3.4/2, ms1mx3.0/21, Error ellipse: s-maj=114.8km s-min=23.7km az=9.0, Pacific-Antarctic Ridge

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including VANDA, TBI, TVO, PAE, PPT2, PPT, VAH, PLCA, H03S2, H03S1, H03S3, H03N2, H03N1, ASAR, H01W1, H01W2, H01W3, WRA, CPUP, H10N3, H10N2, H10N1, H10N4, ILAR, MKAR, ZALV.

1.1nm, 0.6s, baz=119, slow=3.9, SNR=8.8
ESDC 05m, 0.7s, Array 152.315 PKPbc PKIKP 06 19 23.1 0.0
0.5nm, 0.7s, baz=222, slow=1.7, SNR=3.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including LAY, LDUT, TTN, EDH, EDH, TWGB, TWG, TWG, ECL, LONT, LONT, CHKT, CHKT, EAST, EAST, SLIU, SLIU, FULB, FULB, TWKB, TWKB, TWK1, TWK1, HEN, EYUL, EYUL, TWFI, TWFI, SCZT, SCZT, ELDTW, ELDTW, MASBT, MASBT, YULB, YULB, YULC, YULC, TSMG, TSMG, SSD, SSD, HGSD, HGSD, EHY, EHY, EHY, EHY, SLGT, SLGT, STYT, STYT, WLCH, WLCH, SCST, SCST, SCST, SCST, EGFH, EGFH, WTP, WTP, TPUB, TPUB, TPUB, TPUB, CHN1, CHN1, CHN1, CHN1, ESL, ESL, ALS, ALS, SNST, SNST, SNST, SNST, CHN4, CHN4, CHN4, CHN4, TWK, TWK, TWK, TWK, CHN5, CHN5, CHN5, CHN5, SSSL, SSSL, TWD, TWD, SMLT, SMLT, TYC, TYC, TYC, TYC, WDLH, WDLH, CHGB, CHGB.

AKASG	comp-Z,5.0nm,0.9s,baz=302,slow=8.1,SNR=13	LR	LR	09 11 08.0	
AKASG	comp-Z,239nm,18.4s,baz=305,slow=36				
AKASG	Malin Array Be	38.58	67	P	08 55 22.2 +0.0
AKBB	Malin Array Si	38.58	67	P	08 55 21.4 +0.9
AKBB				IAMB	08 55 23.0
BIZ	comp-Z,21nm,1.2s	38.70	73	P	08 55 24.8 +1.5
KLMR	Klimovskoe	39.43	48	P	08 55 24.8 -4.4
KLMR				AMP	08 55 31.2
ECSD	EROS Data Cent	40.93	283	P	08 55 41.8 -0.2
YKA	Yellowknife Ar	41.11	316	P	08 55 42.5 -0.6
YKA	comp-Z,3.3nm,1.1s,baz=59,slow=9.1,SNR=16			PcP	08 57 41.1 -1.1
YKA	comp-Z,0.6nm,0.9s,baz=57,slow=4.1,SNR=5.4			LR	09 10 45.9
CCM	Cathedral Cave	41.14	272	P	08 55 44.9 +1.2
GCPR	Guaynabo City	42.11	227	P	08 55 51.8 +0.1
GCPR				IAMB	08 56 02.6
LPAR	comp-Z,27nm,1.1s	42.17	269	P	08 55 52.4 +0.4
LPAR	Lepanto			IAMB	08 56 17.1
OXF	comp-Z,16nm,1.1s	42.36	267	P	08 55 54.0 +0.4
OXF	Oxford			IAMB	08 56 04.8
LCAR	comp-Z,17nm,1.0s	42.38	270	P	08 55 54.2 +0.5
U40A	Lake Charles	43.22	272	P	08 56 01.7 +1.1
WHAR	Woolly Hollow	43.58	270	P	08 56 04.4 +0.9
WHAR				IAMB	08 56 05.0
W41B	Gary Davity, V	43.64	270	P	08 56 04.5 +0.5
SDD	Santo Domingo	43.76	232	P	08 56 06.2 +1.1
HHAR	Hobbs	43.93	272	P	08 56 07.3 +0.9
X40A	Basin Creek Fa	44.45	270	P	08 56 11.1 +0.5
W39A	Magazine	44.55	271	P	08 56 12.7 +1.3
VBMS	Vicksburg	44.60	265	P	08 56 12.3 +0.5
LAO	LASA Array	44.80	292	P	08 56 15.5 +2.3
LAO	LASA Array	44.80	292	P	08 56 14.0 +0.8
MIAR	Mount Ida	44.87	270	P	08 56 15.2 +1.3
MIAR	Mount Ida	44.87	270	P	08 56 14.2 +0.3
MIAR				IAMB	08 56 25.9
RSSD	Black Hills	45.05	288	P	08 56 15.6 0.0
MANT	Manisa	45.12	82	P	08 56 14.9 -1.2
Z41A	Richland Creek	45.27	268	P	08 56 18.5 +1.5
INK	Inuvik	45.34	329	P	08 56 17.0 -0.1
KAN08	Anthony Ne Sta	45.75	276	P	08 56 22.0 +1.1
EGMT	Eagleton	45.99	296	P	08 56 23.8 +1.1
EGMT				baz=55,SNR=6.0	
OK025	Westminster Rd	46.46	274	P	08 56 23.4 +0.6
BR131	Keskin Array S	47.37	77	P	08 56 27.4 +1.0
BRTR	Keskin Array B	47.37	77	P	08 56 30.3 -0.7
BRTR	Keskin Array B	47.37	77	P	08 56 34.2 +0.5
BRTR	comp-Z,3.9nm,0.9s,baz=303,slow=5.7,SNR=1.0			LR	09 17 59.3
BRTR	comp-Z,204nm,18.4s,baz=312,slow=38			P	09 17 59.3
BRTR	Keskin Array B	47.37	77	P	08 56 33.6 -0.1
K22A	Casper	47.39	288	P	08 56 34.8 +0.9
RLMT	Red Lodge	47.44	292	P	08 56 35.5 +1.2
RLMT	Red Lodge	47.44	292	P	08 56 34.5 +0.3
RLMT	Red Lodge	47.44	292	P	08 56 49.7
WALA	Waterloo Lakes	47.63	299	P	08 56 35.4 -0.2
WMOK	Wichita Mounta	47.90	274	P	08 56 39.0 +1.3
HRY	Holler Researc	47.90	295	P	08 56 38.4 +0.7
YNE	Yellowstone No	47.92	293	P	08 56 37.6 -0.4
N23A	Red Feather La	48.15	286	P	08 56 41.1 +1.2
RWWY	Rawlins	48.38	287	P	08 56 41.8 +0.1
RWWY				IAMB	08 57 07.1
BOZ	comp-Z,8.3nm,0.9s	48.47	294	P	08 56 43.1 +1.0
BOZ	Bozeman (W)	48.47	294	P	08 56 42.4 +0.2
BOZ	Bozeman (W)	48.47	294	P	08 56 44.3
ISCO	comp-Z,10nm,1.3s	48.66	284	P	08 56 45.0 +1.1
ISCO	Idaho Springs	48.66	284	P	08 56 43.5 -0.3
YMR	Madison River	48.67	293	P	08 56 43.9 +0.1
YFP	Pitchstone Pla	48.83	292	P	08 56 45.8 +0.7
MSO	Missoula	48.98	297	P	08 56 47.1 +1.0
PD31	Pinedale Array	49.06	290	P	08 56 46.0 -0.8
PDAR	Pinedale Array	49.06	290	P	08 56 46.0 -0.8
PDAR	comp-Z,2.4nm,1.0s,baz=64,slow=8.4,SNR=12			LR	09 16 02.4
PDAR	comp-Z,314nm,20.9s,baz=24,slow=34			P	08 56 46.3 -0.6
PDAR	Pinedale Array	49.06	290	P	08 56 46.3 -0.6
BW06	Boulder Array	49.06	290	P	08 56 46.9 0.0
BW06	Boulder Array	49.06	290	P	08 56 45.9 -1.0
TOAO	Torodi Ar. Sit	49.06	130	P	08 56 46.7 -0.1
TOAO				IAMB	08 56 47.8
TORD	comp-Z,9.7nm,1.1s	49.06	130	P	08 56 46.3 -0.5
TORD	Torodi Ar. Bea	49.06	130	P	08 56 46.3 -0.5
TORD	comp-Z,4.5nm,1.1s,baz=336,slow=8.4,SNR=10.0			LR	09 15 42.2
TORD	comp-Z,235nm,18.2s,baz=330,slow=34			LR	09 15 42.2
TORD	Torodi Ar. Bea	49.06	130	P	08 56 45.8 -1.0
MOOW	Moose Pond	49.12	292	P	08 56 46.4 -0.8
LOHW	Long Hollow	49.12	291	P	08 56 47.8 +0.5
DLMT	Dillon	49.15	294	P	08 56 47.5 +0.1
DLMT				IAMB	08 56 57.2
BMAR	Burnt Mountain	49.22	331	P	08 56 45.9 -1.6
REDW	Red Top Meadow	49.22	331	P	08 56 49.2 -0.4
REDW				IAMB	08 57 04.0
HKT	Hockley	49.43	268	P	08 56 48.1 -1.3
HKT				IAMB	08 56 50.9
AMTX	Amarillo	49.55	277	P	08 56 51.4 +0.9
AMTX				IAMB	08 56 52.9
A21K	Barrow	49.57	339	P	08 56 50.2 +0.1
T25A	Trinidad	49.68	281	P	08 56 53.1 +1.4
DAWY	Dawson	49.76	326	P	08 56 52.0 +0.3
DAWY				IAMB	08 57 00.4
TOLK	Toolik Lake Re	49.79	334	P	08 56 51.5 -0.4
TOLK	comp-Z,4.5nm,1.1s,baz=305,slow=6.7,SNR=7.0			P	08 56 51.8 -0.4
NEW	Newport	49.81	300	P	08 56 52.0 -0.2
NEW				IAMB	08 56 53.9
EGAK	Eagle	49.89	327	P	08 56 52.0 -0.6
EGAK				IAMB	08 56 54.5
SDCO	Great Sand Dun	49.93	282	P	08 56 54.7 +1.1
SDCO	Great Sand Dun	49.93	282	P	08 56 54.2 +0.6
AHID	Auburn Hatcher	49.94	291	P	08 56 53.7 +0.2
AHID				IAMB	08 57 13.8
KBZ	comp-Z,10nm,1.3s	50.18	67	P	08 56 56.0 +0.9
KBZ	Khabaz			LR	09 17 20.7
KBZ	comp-Z,7.6nm,1.2s,baz=305,slow=6.7,SNR=4.7			LR	09 17 20.7
ARU	Arti	50.21	46	P	08 56 55.6 +0.5
K27K	Chicken	50.28	327	P	08 56 59.1 +0.5
C09A	Chrisman Ranch	50.70	300	P	08 56 58.3 -0.7
MSTX	Muleshoe	50.84	277	P	08 57 01.2 +0.9
HWUT	Hardware Ranch	50.95	290	P	08 57 01.2 0.0
HWUT				IAMB	08 57 02.8

COLD	Coldfoot	50.95	333	P	08 57 00.3 -0.3
COLD	Coldfoot	50.95	333	P	08 57 00.2 -0.3
TCUT	Toone Canyon	51.17	289	P	08 57 03.4 +0.5
HYT	Haines Juncto	51.18	322	P	08 57 03.1 +0.5
BCAR	Beaver Creek A	51.23	326	P	08 57 03.2 +0.4
HLID	Hailey	51.29	294	P	08 57 05.8 +2.1
HLID	Hailey	51.29	294	P	08 57 03.9 +0.2
HLID				IAMB	08 57 06.3
F10A	Beach Ranch, E	51.30	298	P	08 57 03.7 +0.1
PV07	Paradox Valley	51.33	285	P	08 57 04.9 +0.8
PCVK	comp-Z,9.3nm,1.2s			IAMB	08 57 17.9
SCRK	Sand Creek	51.34	328	P	08 57 04.3 +0.5
PV22	Blue Mesa, Par	51.35	285	P	08 57 04.4 +0.2
PV22				IAMB	08 57 19.2
JCT	Junction City	51.46	271	P	08 57 03.3 -1.7
PV01	Paradox Valley	51.49	285	P	08 57 05.1 -0.1
PV12	Saucer Basin,	51.50	285	P	08 57 05.4 0.0
PV14	Paradox Valley	51.51	285	P	08 57 05.8 +0.5
JLU	Jordanle	51.51	289	P	08 57 05.7 +0.1
PV23	Carpenter Ridg	51.53	285	P	08 57 02.2 +0.5
PV23				IAMB	08 57 26.5
PV02	comp-Z,14nm,1.2s	51.54	285	P	08 57 06.6 +0.9
PV02	Paradox Valley			IAMB	08 57 09.1
PV11	David Mesa, Pa	51.55	285	P	08 57 05.0 -0.8
PV03	Paradox Valley	51.57	285	P	08 57 06.3 +0.4
PV03				IAMB	08 57 09.2
PV16	comp-Z,16nm,1.3s	51.57	285	P	08 57 07.2 +1.3
PV16	Nyswonger Mesa			IAMB	08 57 09.2
PV20	West Nyswonger	51.58	285	P	08 57 06.2 +0.3
PV20				IAMB	08 57 09.2
DOT	Dot Lake	51.59	327	P	08 57 06.2 +0.7
DOT				IAMB	08 57 08.0
PV14	comp-Z,13nm,1.4s	51.59	285	P	08 57 06.9 +0.8
PV14	Lion Creek Pa			IAMB	08 57 09.4
PV18	comp-Z,15nm,1.3s	51.61	285	P	08 57 06.3 +0.2
PV18	Skein Mesa, Pa			IAMB	08 57 09.4
PV19	Morning Glory	51.61	285	P	08 57 06.1 -0.1
PV19				IAMB	08 57 08.0
PV19	comp-Z,12nm,1.2s	51.62	285	P	08 57 06.6 +0.4
PV13	Radium Mtn., P			IAMB	08 57 19.3
PV17	comp-Z,10nm,1.3s	51.62	285	P	08 57 06.8 +0.6
PV17	East Wray Mesa			IAMB	08 57 09.5
POKR	Poker Plat Res	51.64	330	P	08 57 06.3 +0.5
SPUT	South Promonto	51.65	290	P	08 57 06.5 +0.2
IL31	IL31	51.71	330	P	08 57 06.3 +0.1
ILAR	comp-Z,18nm,1.3s	51.71	330	P	08 57 06.2 -0.1
ILAR	Eielson Array			PcP	08 58 18.8 -0.7
ILAR	comp-Z,2.9nm,1.0s,baz=42,slow=5.4,SNR=18			PcP	08 58 18.8 -0.7
ILAR	comp-Z,1.4nm,0.8s,baz=16,slow=12,SNR=7.1			PcP	08 58 18.8 -0.7
ILAR	Eielson Array	51.71	330	P	08 57 06.5 +0.2
PV05	Paradox Valley	51.84	285	P	08 57 07.3 -0.5
COLA	College	51.94	330	P	08 57 08.8 +0.8
COLA				IAMB	08 57 09.3
MENT	Mentasta	51.97	327	P	08 57 08.7 +0.4
MENT				IAMB	08 57 10.9
HDA	Harding Lake	51.99	329	P	08 57 08.7 +0.3
BMO	Blue Mountains	52.05	297	P	08 57 09.0 -0.3
MVCO	Mesa Verde	52.06	284	P	08 57 11.5 +1.9
MVCO	Mesa Verde	52.06	284	P	08 57 10.8 +1.2
MVCO				IAMB	08 57 29.5
DBIC	DBIC	52.08	141	P	08 57 09.7 +0.1
DBIC	comp-Z,2.4nm,0.6s,baz=336,slow=12,SNR=1.8			LR	09 17 33.9
MFID	Camas Ranch	52.17	294	P	08 57 10.4 +0.2
MFID				IAMB	08 57 12.5
I23K	comp-Z,11nm,1.4s	52.19	331	P	08 57 10.0 +0.1
I23K	Minto Yukon-K			baz=44,SNR=10	
LTY	Liberty	52.30	301	P	08 57 11.2 +0.2
NLU	North Lily Min	52.32	289	P	08 57 10.8 -0.7
ANMO	Albuquerque	52.38	280	P	08 57 13.6 +1.7
ANMO				baz=47	
PAE	Albuquerque	52.38	280	P	08 57 13.0 +1.0
NAX	Nenana	52.51	330	P	08 57 12.6 +0.4
DUG	Dugway, Tooele	52.52	327	P	08 57 13.1 +0.6
DUG	Dugway, Tooele	52.59	289	P	08 57 14.8 +1.4
DUG	Dugway, Tooele	52.59	289	P	08 57 14.1 +0.8
DUG				IAMB	08 57 16.4
G08A	Pilot Rock	52.67	338	P	08 57 12.8 -1.0
MLY	Manley	52.68	291	P	08 57 13.2 -0.4
IMAR	Indian Mountai	52.83	333	P	08 57 14.5 -0.1
MCK	McKiny	53.09	329	P	08 57 16.2 -0.3
MSU	Marysvale	53.34	287	P	08 57 18.1 -1.0
GNI	Garni	53.56	70	LR	09 19 56.4
ELK	comp-Z,330nm,21.5s	53.60	291	P	08 57 22.1 +1.2
ELK	comp-Z,330nm,21.5s	53.60	291	P	08 57 21.6 +0.1
MTPU	Mount Pioukou	53.66	287	P	08 57 22.3 -0.2
NLNU	Neilton Lookson	53.87	303	P	08 57 25.9 +0.6
E03A	Lebam	54.27	302	P	08 57 27.0 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like AFI Afiamalu, RPZ Rata Peaks, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like PRK Parakevi, PRK Parakevi, PRK Parakevi, etc.

WEL 11 10:57:04.0-7.33'S,13-18'O,E,2.7,h396km,17km, M3.8-5.0,mb4.3/1.0,MLv4.3/2.5,Mw(mb)3.4/1.0, Error ellipse: s-maj=0.0km s-min=0.0km az=114.2, South of Kermadec Islands

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

Msl 3.0/1.1,ms1mx2.6/2.0, Error ellipse: s-maj=36.7km s-min=21.2km az=99.0

SJA 11 11:16:33.0-7.31'45S,72:17W,h46km,9km,ML4.0, MW4.1

GUC 11 11:16:35.5-0.7,31'49S,71:72W,h28km,2km,ML4.0

ISC 11 11:16:33.7-1.8,31'44S,71:77W,0.05,h15km,11km, n62,-c210/80,mb4.1/5,5C-2D,Near coast of central Chile

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

ISK 11 10:46:17.7,39:30N,26:10E,h7km,ML2.5/13 THE 11 10:46:18.9,39:31N,26:07E,h5km,1km,ML2.5/4, Error ellipse: s-maj=1.6km s-min=0.5km az=159.0

DDA 11 10:46:18.4,39:28N,26:11E,h7km,3km,ML1.9 ATH 11 10:46:19.2,39:28N,26:08E,h10km,4km,ML2.7/2, Error ellipse: s-maj=4.0km s-min=1.4km az=165.0

ISC 11 10:46:18.9,0.9,39:30N,0:02-26:09E,0:02,h11km,6km, IDC 11 11:16:31.9-1.1,31'32S,71:50W,h0km,mb3.9/5, mb1.3.9/9,mb1mx3.7/27,mbtrp3.8/9,ML3.6/4,MS3.0/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, H03S2, H03S1, H03S3, H03N2, H03N3, H03N1, ELK, ELK, TXAR, TXAR, PLCA, SEY, PDAR, ILAR, ILAR, YKA, MKAR, MKAR, FINES, AKASG, AKASG, BRTR, CLL, GERES, ESDC.

IDC 11 13:21:39.49.3.30.29Sx179.31W, h406km,90km, mb2.9/2, mb1 3.1/3, mb1mx2.9/2.1, mbtmp3.8/3, Error ellipse: s-maj=91.3km s-min=50.4km az=19.0, Kermadec Islands region

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

NNC 11 13:29:41.0.15.0,36.60N,70.78E, h194km,288km,mb2.8, mpv3.6, 1C-2D, Error ellipse: s-maj=163.0km s-min=85.0km az=11.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31, KK31, AAK, AAK, AB31.

MAN 11 13:57:50.0, 4.84N, 126.99E, h1km, mb5.0, ML4.0, MS4.0 NEIC 11 13:57:54.2, 1.1, 4.98N, 0.08x127.4E, 0.1, h11km,7km, mb4.2/16, Error ellipse: s-maj=19.2km s-min=10.3km az=70.0

IDC 11 13:57:54.6, 2.3, 4.97N, 127.39E, h110km,22km, mb3.6/10, mb1 3.9/1, mb1mx3.6/2, mbtmp4.0/11, MS3.2/1, Ms1 3.2/1, mb1mx2.3/8, Error ellipse: s-maj=43.7km s-min=11.4km az=72.0

ISC 11 13:57:42.6, 0.6, 5.03N, 0.05x127.4E, 0.07, h10km, n43, o122/46, mb4.2/18, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDMP, MATI, DAV, DAV, KCP, SKMP, SKMP, EUKP, BUKP, TNTI, BUTP, CGP, TOL2, FITZ, CISI, WBD, WRAB, WRA, WRA, WBD, WR2, WRO, AS31, AS31, ASAR, ASAR, ASAR, MJAR, NWAO, STKA, STKA, ULN, ULN, SONM, SONM, PETK, PETK, MK31, MKAR, MKAR, MKAR, ZALV, ZALV, KURK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31, KK31, KKAR, BRVK, ABKAR, RAR, TTA, ILAR, ARCES.

IDC 11 14:09:52.7, 1.5, 17.77N, 148.12E, h0km, mb3.5/8, mb1 3.7/9, mb1mx3.6/4.1, mbtmp3.6/9, ML4.2/1, Error ellipse: s-maj=44.6km s-min=21.6km az=93.0 NEIC 11 14:09:57.9, 0.8, 17.8N, 0.1x148.1E, 0.1, h35km,6km, mb4.5/6, Error ellipse: s-maj=21.5km s-min=12.3km az=140.0

ISC 11 14:09:58.3, 1.3, 17.77N, 0.1x147.9E, 0.2, h35km, n18, o594/17, mb3.6/9, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, GUMO, MJAR, WRO, WRO, WBD, WRA, ASAR, SONM, SONM, CMAR, ZAAO, ZALV, ZALV, MKAR, KURK, ABKAR, YKA.

JMA 11 14:16:40.0, 4.3123N, 142.35E, h8km, M3.8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAOM, JHO, JHO, JRY, JAG, JAG, MAT, MAT.

IDC 11 14:53:24.9, 16.0, 20.42S, 65.79E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/3, mbtmp3.5/5, Error ellipse: s-maj=54.2km s-min=35.1km az=67.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1, H08S2, H08S3, WRA, MKAR, ZALV, SONM.

IDC 11 15:15:13.7, 18.0, 19.65N, 145.80E, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.4/4, mbtmp3.5/3, Error ellipse: s-maj=538.9km s-min=151.5km az=64.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, YKA, NVAR.

IDC 11 15:15:36.6, 7.6, 6.35S, 146.83E, h81km,72km, mb3.2/2, mb1 3.4/4, mb1mx3.1/3, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=69.0km s-min=53.9km az=125.0, Eastern New Guinea region

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

IDC 11 15:17:43.1, 1.0, 20.07S, 66.43E, h0km, mb3.9/9, mb1 4.1/9, mb1mx3.8/40, mbtmp3.9/9, MS3.6/6, Ms1 3.7/6, ms1mx3.3/8, Error ellipse: s-maj=34.5km s-min=21.7km az=67.0 NEIC 11 15:17:44.1, 1.6, 20.11S, 0.05x66.5E, 0.2, h10km,1km, mb4.4/18, Error ellipse: s-maj=27.2km s-min=8.2km az=271.0

ISC 11 15:17:45.0, 7.0, 20.1S, 0.1x66.6E, 0.2, h16km, n41, o110/33, mb4.3/15, MS3.7/6, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1, H08S2, H08S3, SOCY, BOSY, PMBI, MAW.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAW, RAYN, RAYN, CMAR, CMAR, CHTO, CHTO, FITZ, ASAR, ASAR, ASAR, AAK, AAK, KKAR, WRA, WRA, WRA, WRO, BRTR, BRTR, STKA, MKAR, MKAR, MKAR, MKAR, ABKAR, GSPA, KURK, KURK, BRVK, BRVK, CTAO, DBIO, ZALV, ZALV, ZALV, SONM, SONM, AKASG, AKASG, TXAR, TXAR.

IDC 11 15:34:56.3, 999.0, 18.45N, 53.96E, h0km, Error ellipse: s-maj=1407.0km s-min=225.0km az=58.0, Eastern Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I19DJ, I32KE, I17CI.

IDC 11 15:41:36.8, 1.3, 9.55S, 0.1x124.2E, 0.1, h100km, n7, o26/10, Timor region

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

IDC 11 15:47:13.2, 2.6, 23.96N, 102.29E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.2/39, mbtmp3.4/3, ML3.9/1, Error ellipse: s-maj=62.3km s-min=26.1km az=105.0

ISC 11 15:47:11.0, 1.7, 23.4N, 0.1x126.0E, 0.3, h10km, n16, o14/17, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LAMP, CMMT, CM32, CM36, CM09, CM13, CMAR, CM02, CM05, CM01, CM04, CM03, UTTA, SONM, MKAR.

ISC 11 15:47:11.0, 1.7, 23.4N, 0.1x126.0E, 0.3, h10km, n16, o14/17, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PIZZ, PIZZ, PLMIC, MALC, MALC, MALC, CBOC, CBOC, HELC.

RSNC 11 15:48:57.6, 1.3, 5.41N, 77.43W, h4km,9km, ML2.5

IDC 11 15:49:06.2, 6.5, 5.83N, 77.46W, h17km,65km, mb3.0/1, mb1 3.6/3, mb1mx3.1/29, mbtmp3.7/3, ML2.5/2, Error ellipse: s-maj=52.2km s-min=31.9km az=86.0

ISC 11 15:48:57.1, 8.5, 35N, 0.06x77.50W, 0.07, h17km,10km, n17, o194/727, 1C-1D, Near west coast of Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PIZZ, PIZZ, PLMIC, MALC, MALC, CBOC, CBOC, HELC.

Table with columns: STA, comp, Az, El, P, M, Time, Res. Includes stations like LSA Lhasa, KUD Kuldur, TAPN Tapejlung, etc.

Table with columns: STA, comp, Az, El, P, M, Time, Res. Includes stations like OHAK Old Harbor, RSO Redoubt South, KDKA Kodiak Island, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like IDC 11 16:34:54, UPA 11 16:34:54, NEIC 11 16:34:54, etc.

Table with columns: WRA, comp, P, PcP, 18 07 58.3 -0.4, etc. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, etc.

18 01:34.25.7, 23.27S, 66.53W, h230km, 56km, mb3.0/3, mb1 3.1/5, mb1mx3.0/16, mbtmp3.6/5, Error ellipse: s-maj=38.2km s-min=25.9km az=144.0

18 01:30.9.1.1, 23.25S, 0.2.66.4W, 0.2, h200km, n6, c0577/6, mb3.3/3, Juijuy Province

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

18 11:08.0.4.4, 1.81N, 128.18E, h128km, 46km, mb3.2/5, mb1 3.2/6, mb1mx3.1/31, mbtmp3.5/6, Error ellipse: s-maj=76.2km s-min=17.4km az=70.0

18 11:08.0.7.1.0, 1.8N, 0.2.128.2E, 0.3, h134km, n6, c0555/8, mb3.4/5, Halmahera

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

18 11:18:13.31.4.7.1, 16.57S, 15.18W, h0km, mb3.9/4, mb1 3.8/4, mb1mx3.6/31, mbtmp3.9/4, MS3.8, Ms1 3.7/8, ms1mx3.4/38, Error ellipse: s-maj=367.6km s-min=119.2km az=107.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, etc.

Table with columns: H10N2 ASCENSION HYDR, RCBR RIACHELO, etc. Includes stations like RIACHELO, DIMBOKRO, etc.

18 11:31:06.6.2.4, 6.51S, 129.84E, h0km, mb3.3/1, mb1 3.5/3, mb1mx3.3/36, mbtmp3.3/3, ML3.5/2, MS3.0/1, Ms1 2.9/1, ms1mx2.6/12, Error ellipse: s-maj=148.5km s-min=32.1km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, etc.

18 11:33:30.4, 24.66N, 122.25E, h6km, ML2.7, C JMA 11 18:33:31.3, 24.59N, 122.24E, h35km, 4km, M2.3 ISG 11 18:33:29.6, 1.0, 24.85N, 0.02, 122.35E, 0.02, h13km, 8km, n80, c0588/145, 1C-3D, Taiwan region

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

Table with columns: NSK SANGUANG, NSK SANGUANG, etc. Includes stations like SANGUANG, XIULIN TOWNSHI, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like 554A Dingess, 544A Moraine State, etc.

ANF 11 18:49:50.0t.1.4, 1.191N:126.59SW, h0km, ML2.6/6, Error ellipse: s-maj=15.9km s-min=7.9km az=99.0

NEIC 11 18:49:50.7z.2.1, 41.811N:107.126W, h11km, 10km, ML2.5/26, Error ellipse: s-maj=14.8km s-min=10.5km az=91.0

IDC 11 18:49:58.3z.4.9, 42.03N:125.78W, h0km, mb2.4/2, mb1 3.0/4, mb1mx2.9/53, mbtmp2.5/4, ML2.3/2, Error ellipse: s-maj=72.0km s-min=29.5km az=60.0

ISC 11 18:49:54.6t.1.9, 41.89N:106.126W, h11km, n37, c2511/35, Off coast of northern California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like KBO Bosley Butte, KEBM Edson Butte, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like 003E Paynes Creek, J05D Fort Rock, etc.

NEIC 11 18:52:29.8t.1.1, 52.6N:0.1x163.02W, h10km, 2km, Error ellipse: s-maj=17.3km s-min=9.4km az=168.0

IDC 11 18:52:30.4t.1.4, 52.75N:162.74W, h0km, mb3.5/6, mb1 3.8/8, mb1mx3.4/61, mbtmp3.5/8, ML2.6/2, MS4.1/1, Ms1 4.1/1, ms1mx2.7/46, Error ellipse: s-maj=33.3km s-min=19.9km az=1.0

AEIC 11 18:52:31.0t.0.7, 52.3N:0.1x162.87W, h7km, 9km, ML3.1, mb3.5/2(NEIC), ML3.6/6(NEIC), Error ellipse: s-maj=20.3km s-min=4.7km az=171.0

ISC 11 18:52:30.9t.1.0, 52.5N:0.1x162.97W, h10km, n41, c1591/38, mb3.6/6, South of Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like AKSA Akutan Strait, AKSA Akutan Strait, etc.

NEIC 11 19:27:03.9t.1.0, 68.03N:0.03x152.48W, h0.07, h5km, 1km, Error ellipse: s-maj=5.9km s-min=4.1km az=200.0

AEIC 11 19:27:03.1z.2, 68.01N:0.03x152.67W, h0.1, h9km, 5km, ML3.9, mb3.9/5(NEIC), Error ellipse: s-maj=7.1km s-min=3.9km az=92.0

IDC 11 19:27:04.0t.0.8, 68.25N:152.35W, h0km, mb3.6/9, mb1 3.9/14, mb1mx3.8/47, mbtmp3.7/14, ML4.0/5, MS2.4/1, Ms1 2.4/1, ms1mx2.4/47, Error ellipse: s-maj=23.6km s-min=12.4km az=33.0

ANF 11 19:27:04.0t.1.6, 68.01N:152.35W, h5km, ML4.1/11, Error ellipse: s-maj=6.3km s-min=3.7km az=102.0

ISC 11 19:27:04.0t.1.5, 68.01N:0.03x152.25W, h0.04, h5km, 9km, n131, c1550/151, mb3.8/12, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like COLD Coldfoot, DAWY Dawson, BMAR Burnt Mountain, etc.

JMA 11 19:04:05.1, 39.56N:141.04E, h11km, 1km, MO.8, Eastern Honshu

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like PHWY 74nm,0.4s, RWY Rawlins, LAO LASA Array, etc.

JMA 11 19:05:06.2t.0.1, 36.65N:137.92E, h11km, 1km, Eastern Honshu

SORM	Soroca	30.49 152	↑P	P	20 40 45.0 -0.6	comp=Z,97nm,1.2s	KURK	Kurchatov	37.03 93	P	P	20 41 42.6 +0.3	MKAR	comp=Z,32nm,0.8s,baz=343,slow=6.8,SNR=240	PP	PP	20 43 57.0 +1.3	
MPLH	Magyarpolny	30.61 167	eP	P	20 40 48.0 +1.3		KURK			Iamb	Iamb	20 41 44.2	MKAR	comp=Z,10nm,0.9s,baz=335,slow=8.2,SNR=3.9	LR	LR	21 02 29.1	
C36M	Paulutk	30.62 329	P	P	20 40 47.8 +1.3		NCK	Nalchik	37.05 135j	eP	P	20 41 43.8 +1.2	MKAR	comp=Z,793nm,20.2s,baz=335,slow=40	LR	LR	20 42 20.7	
BUR0B	Bucovina Ar. S	30.68 156	↑P	P	20 40 47.4 0.0		NCK			P	P	20 41 43.8 +1.2	GBN	Makanchi Array	41.54 91	P	P	20 42 20.7 +0.7
BUR0R	Bucovina Array	30.71 156	↑P	P	20 40 47.7 +0.1		KURB	Kurchatov Ar	37.10 93	PcP	PcP	20 44 03.5 +0.5	D62A	Allapoint, All	41.67 270	P	P	20 42 21.6 +0.6
BUR0R	Bucovina Array	30.71 156	↑P	P	20 40 47.7 +0.1		COLA	College	37.14 343j	P	P	20 41 44.9 +1.8	KEST	Kesra	41.79 178	P	P	20 42 23.1 +0.8
OBKA	Obir	31.14 171	eP	P	20 40 54.0 +2.5		TCOL	CIGO, UAF Yank	37.14 343	P	P	20 41 45.4 +2.3	D61A	St Aubert, Com	41.80 272	P	P	20 42 22.7 +0.6
AZ1K	Barrow	31.16 350	P	P	20 40 53.0 +1.7		MLY	Manley	37.16 345	P	P	20 41 45.3 +2.0	E64A	Bridgewater	42.03 269	P	P	20 42 24.2 +0.2
DRGR		31.32 160	↑P	P	20 40 55.2 +2.2		ILAR	Eielson Array	37.18 342	P	P	20 41 45.5 +2.0	D60A	Saint Jean D'O	42.24 272	P	P	20 42 25.4 -0.2
DRGR		31.32 160	↑P	P	20 40 55.2 +2.2		ILAR	comp=Z,8.7nm,0.8s,baz=2.4,slow=7.0,SNR=105		PcP	PcP	20 44 03.0 +0.1	TDK	Taldygorhan	42.39 96	eP	P	20 42 26.8 -0.2
BIZ	Bicaz	31.46 159	↑P	P	20 40 54.9 +0.7		ILAR	comp=Z,1.7nm,0.8s,baz=353,slow=3.3,SNR=6.1		LR	LR	20 55 44.8	TDK	Taldygorhan	42.39 96	eP	P	20 42 26.8 -0.2
MORH	Mroy, Hungar	31.63 165	↑P	P	20 40 55.3 +3.1		ILAR	comp=Z,254nm,21.7s,baz=18,slow=34		P	P	20 41 44.3 +0.8	D58A	Chemin du LacG	42.49 274	P	P	20 42 28.0 +0.2
MILM	Milestii Mici	31.74 152	↑P	P	20 40 56.1 -0.5		ILAR	comp=Z,34nm,1.5s		P	P	20 41 45.3 +0.8	KKAR	Karatay Array	42.50 105	P	P	20 42 27.8 -0.1
BZS	Buzias	32.41 161	↑P	P	20 41 04.0 +1.5		NEA2	Nenana	37.49 344	P	P	20 41 47.6 +1.5	KKAR	Karatay Array	42.50 105	P	P	20 42 27.8 -0.1
BZS	Buzias	32.41 161	↑P	P	20 41 04.0 +1.5		HDA	Harding Lake	37.54 342	P	P	20 41 47.6 +1.1	E61A	Lac Eichen	42.60 272	P	P	20 42 29.2 +0.5
VRI	Vrincioaia	32.58 155	↑P	P	20 41 04.4 +0.4		K27K	Chicken	37.56 339	P	P	20 41 48.3 +1.6	PALE	Palemas	42.61 194	P	P	20 42 29.0
VRI	Vrincioaia	32.58 155	↑P	P	20 41 04.4 +0.4		CHVG	Chkvaleri	37.57 137	↑P	↑P	20 41 48.7 +1.7	ZAK	Zakamensk	42.65 70	eP	P	20 42 29.9 +0.7
INK	Inuvik	32.61 334	P	P	20 41 04.8 +0.8		MTE	Manteigas	37.67 199	eP	P	20 41 48.5 +0.6	F64A	Sherman	42.67 269	P	P	20 42 29.0 -0.2
INK	comp=Z,47nm,1.3s			MLR	MLR		SEM	Sempalatinsk	37.67 92	eP	P	20 41 46.1 -2.0	E60A	Ste Agathe de	42.87 272	P	P	20 42 30.5 -0.3
INK	comp=Z,800nm,22.0s						SEM	Sempalatinsk	37.67 92	eP	P	20 41 46.0 -2.0	DZA	Taraz	42.88 104	eP	P	20 42 30.5 -0.6
INK	Inuvik	32.61 334	P	Iamb	P	20 41 04.8 +0.8	BOD	Bodaibo	37.73 57	eP	P	20 41 47.6 -0.5	DZA	Taraz	42.88 104	eP	P	20 42 30.4 -0.6
GZR	Gura Zlata	32.72 160	↑P	P	20 41 06.5 +1.2		BOD	comp=Z,55nm,1.7s		P	P	20 41 50.4 +1.8	IDI	Anoyia	42.92 159	LR	LR	21 02 23.7
GZR	Gura Zlata	32.72 160	↑P	P	20 41 06.5 +1.2		SCD	Sand Creek	37.76 340	P	P	20 41 50.4 +1.8	KUU	Kurty	42.99 99	eP	P	20 42 30.6 -1.4
AKTO	Aktyubinsk	32.93 115	LR	LR	20 56 18.1		ZEI	Tsey	37.78 135	eP	P	20 41 48.3 -0.7	KUU	Kurty	42.99 99	eP	P	20 42 30.5 -1.4
BRVK	Borovoye	33.02 100c	iP	P	20 41 08.3 +0.6		PCAS	Casmilo, Conde	38.09 200	eP	P	20 41 51.6 +0.2	SGD5	Sogindy	43.05 101	eP	P	20 42 31.6 -0.9
BRVK	comp=Z,49nm,1.7s			P	P	20 41 08.3 +0.6	ESBB	Sonseca Array	38.17 194	P	P	20 41 51.4 -0.7	SGD5	Sogindy	43.05 101	eP	P	20 42 31.5 -0.9
BRVK	Borovoye	33.02 100	P	P	20 41 08.0 +0.2		ESDC	Sonseca Array	38.17 194	P	P	20 41 51.6 -0.5	SGD5	Sogindy	43.05 101	eP	P	20 42 31.5 -0.9
MTUR	Matau	33.06 157	P	P	20 41 09.4 +1.1		ESDC	comp=Z,9.7nm,0.9s,baz=3.1,slow=8.8,SNR=59		LR	LR	20 55 41.2	D65A	Princeton	43.13 268	P	P	20 42 32.4 -0.5
MTUR	Matau	33.06 157	P	P	20 41 09.4 +1.1		ESDC	Sonseca Array	38.17 194	P	P	20 41 51.6 -0.5	G55A	Sainte-Anne-du	43.13 277	P	P	20 42 33.0 +1.0
TOLK	Toolik Lake Re	33.50 345	P	P	20 41 13.8 +1.9		PCBR	Castelo Branco	38.22 199	eP	P	20 41 53.1 +0.6	F61A	St Evariste	43.14 272	P	P	20 42 33.4 +0.3
TPGR	Topolog	33.74 113	↑P	P	20 41 14.6 +0.4		PAB	San Pablo	38.32 195	P	P	20 41 53.4 0.0	CHKK	Chushkaly	43.17 98	eP	P	20 42 33.4 0.0
ABKAR	Abkabal array	34.24 153	P	P	20 41 19.0 -1.2		PAB	comp=Z,22nm,1.0s		P	P	20 41 53.4 0.0	CHKK	Chushkaly	43.17 98	eP	P	20 42 33.4 0.0
EPYK	Eagle Plains	34.80 336	P	P	20 41 24.0 +0.9		PAB	San Pablo	38.32 195	P	P	20 41 53.6	CHKK	Chushkaly	43.17 98	eP	P	20 42 33.4 0.0
ANN	Anapa	34.87 142	eP	P	20 41 18.6 -5.2		PAB	McKinley	38.34 343	P	P	20 41 55.0 +1.7	USP	Ospenovka	43.20 101	P	P	20 42 34.7 +1.1
ANN	Anapa	34.87 142	ePP	pP	20 41 22.3 -3.7		PMRV	Marv'70	38.63 199	eP	P	20 41 56.0 +0.1	E58A	La Victoria	43.27 274	P	P	20 42 34.1 +0.1
ANN	Anapa	34.87 142	eS	S	20 42 37.7		L26K	Log Cabin Wild	38.65 339	P	P	20 41 58.2 +2.3	IUG	Iuzhnay	43.31 106	eP	P	20 42 34.2 -0.4
ANN	Anapa	34.87 142	eS	S	20 46 47.5 -6.9		KTUT	Trabzon	38.93 140	↑P	↑P	20 41 59.7 +1.2	IUG	Iuzhnay	43.31 106	ePP	PP	20 44 14.8 -0.2
ANN	Anapa	34.87 142	eS	S	20 46 47.5 -6.9		PMTG	Montargil	39.03 200	↑P	↑P	20 41 59.5 +0.2	IUG	Iuzhnay	43.31 106	eP	P	20 42 34.2 -0.4
COLD	Coldfoot	34.94 345	P	P	20 41 25.5 +1.2		AKH	Akhalkalaki	39.07 136	↑P	↑P	20 42 01.8 +2.0	IUG	Iuzhnay	43.31 106	eP	P	20 44 14.7
COLD	Coldfoot	34.94 345	P	Iamb	P	20 41 25.5 +1.3	PESTR	Estremoz	39.20 199	P	P	20 42 01.1	G64A	Maxfield	43.34 269	P	P	20 42 35.1 +0.5
COLD	Coldfoot	34.94 345	P	Iamb	P	20 41 25.5 +1.3	BRTR	Keskin Array B	39.38 148	P	P	20 42 02.9 +0.4	PKME	Peaks-Kenny Pk	43.45 270	P	P	20 42 35.9 +0.4
ZAA0	Zalesovo Array	35.36 85	P	P	20 41 28.0 0.0		BRTR	comp=Z,12nm,1.0s,baz=338,slow=6.6,SNR=33		PP	PP	20 43 31.9 -0.6	E56A	St. Veronique	43.49 276	P	P	20 42 36.0 +0.2
ZAA0	Zalesovo Array	35.36 85	P	Iamb	P	20 41 28.0 0.0	BRTR	Keskin Array B	39.38 148	iP	P	20 42 03.0 +0.6	CHMS	Chumysh	43.51 101	P	P	20 42 37.7 +1.6
ZALV	Zalesovo Beam	35.36 85	P	P	20 41 28.4 +0.4		BRTR	comp=Z,12nm,1.0s		P	P	20 42 01.8 -0.7	EKS2	SKrin-Say	43.62 102	P	P	20 42 39.1 +2.0
ZALV	comp=Z,25nm,0.8s,baz=340,slow=8.6,SNR=93			PP	Pn	20 42 45.3 -0.8	BRTR	Keskin Array B	39.38 148	P	P	20 42 05.3 +0.3	TKM2	Tokmak 2	43.76 100	P	P	20 42 40.2 +1.8
ZALV	comp=Z,10nm,1.0s,baz=340,slow=12,SNR=3.9			P	P	20 43 58.2 +0.5	SESP	Santiago Espad	39.64 193	P	P	20 42 05.6	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
ZALV	comp=Z,2.2nm,0.7s,baz=288,slow=4.0,SNR=2.2			PcP	P	21 00 50.3	CUT	Chulitina	39.74 344	P	P	20 42 06.3 +0.9	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
ZALV	comp=Z,595nm,18.2s,baz=342,slow=45			LR	LR	21 00 50.3	M24K	Tolsona, Glenn	39.77 341	P	P	20 42 06.3 +0.9	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
ZALV	Zalesovo Beam	35.36 85	P	P	20 41 28.2 +0.2		DGZ	Jazzator, Alta	39.91 85c	iP	P	20 42 07.9 +1.1	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
ZALV	Zalesovo Beam	35.36 85	P	P	20 41 28.2 +0.2		DGZ	comp=Z,25nm,1.1s		P	P	20 42 07.4 -0.1	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
GOF	Gofitskoye	35.43 135f	eP	P	20 41 29.2 +0.5		PNCL	Nicolau / Gran	40.02 200	eP	P	20 42 07.4 -0.1	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
GOF	Gofitskoye	35.43 135f	eP	P	20 41 29.2 +0.5		HORN	Hornachuelos	40.06 196	P	P	20 42 08.0	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
YKA	Yellowknife Ar	35.91 318	P	P	20 41 33.3 +0.7		N25K	Chitina, Valde	40.15 340	P	P	20 42 10.2 +1.6	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
YKA	comp=Z,8.3nm,0.9s,baz=9.5,slow=8.7,SNR=93			PcP	P	20 43 59.3 +0.1	MESJ	Messejana	40.26 199	eP	P	20 42 09.9 +0.3	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
YKA	comp=Z,3.0nm,0.8s,baz=22,slow=3.1,SNR=8.2			LR	LR	20 56 00.0	MESJ	Messejana	40.26 199	eP	P	20 42 12.4	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
YKA	Yellowknife Ar	35.91 318	iP	P	20 41 33.4 +0.8		MESJ	Messejana	40.26 199	eP	P	20 42 09.9 +0.3	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
YKA	comp=Z,9.0nm,0.8s			P	P	20 41 33.4 +0.8	MESJ	Messejana	40.26 199	eP	P	20 42 10.3 +0.7	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	P	20 41 32.4 -0.5		PCVE	Castro Verde	40.46 199	eP	P	20 42 10.2 -1.0	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	P	20 41 32.4 -0.5		GNI	Garni	40.49 134	LR	LR	21 00 01.1	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	Iamb	P	20 41 32.4 -0.5	GNI	Garni	40.49 134	P	P	20 42 12.7 +1.0	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	Iamb	P	20 41 32.4 -0.5	MORF	Marmelete	40.83 200	Amb	Amb	20 42 14.5 +0.1	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	Iamb	P	20 41 32.4 -0.5	MORF	Marmelete	40.83 200	eP	P	20 42 14.4 +0.1	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	Iamb	P	20 41 32.4 -0.5	MORF	Marmelete	40.83 200	eP	P	20 42 15.0 +0.7	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
FCC	Fort Churchill	35.94 300	P	Iamb	P	20 41 32.4 -0.5	MORF	Marmelete	40.83 200	eP	P	20 42 15.2 +0.8	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
PGAV	Gaviera, Arco	36.17 200	eP	P	20 41 35.2 0.0		MOY	Mondy	40.96 71	eP	P	20 42 17.2 +1.8	AAA	Alma-Ata	43.77 98	eP	P	20 42 38.8 +0.5
PBRG	Braganca	36.22 198	eP	P	20 41 35.7 +0.2</													

11d 20h

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like H60A Morrystown, GEYT Alibeck, GEYT Alibeck, etc.

2015 JAN

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like KLR comp=Z,1.9nm,1.9s, M59A State Game Lab, EGMT Eagleton, etc.

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Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like GTA GTA, GTA comp=Z,1.9nm,1.0s, GTA comp=Z,240nm,7.3s, etc.

11d 20h

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists various stations like TLIG, TGUH, PALK, etc.

IDC 11 20:42:41.0, 4.3, 21.91Nk, 122.53E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/44, mbtmt3.3/4, Error ellipse: c-maj=331.4km s-min=24.6km az=62.0

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists stations like LAY, TSEB, TWKB, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists stations like SSD, EDH, TSP, etc.

528

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists stations like WPL, VCHM, CHGB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PAMC Pamplona, CO11 LCO1, ZARC Zaragoza, IABR Concórdia, CPBS Cacapava, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like T57A Hurt, TZTN Tazewell, U49A Rocky Mt, U59A Red Boiling Sp, TXAR Lajitas Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like L57A Andrews Acres, L58A Harry Jones Me, L59A Walton, BINY Binghamton, L56A BINGHAMTON, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGMN Agassiz Nation, VES Vestal, BV06 Boulder Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILAR WAKE ISLAND, DAVOX Davos/Dischmat, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISC 11 21:57:50.2, 0.8, 86.96N, SPITS Spitsbergen Ar, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like KUU Kurty, CHKK Chushkaly, SNAAS Sanae, AKH Akhalkalaki, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like VVDA Vanda, NJ2 Nanjing, BELA Borovoye, FNA Florina, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like PAB San Pablo, KLR Kul'dur, HNR Honiara, ARCES Arcs, etc.

REY 12 00:22:40.5, 64°62'N, 17°45'W, h12km
IDC 12 00:22:42.0, 64°64'50"N, 17°40'W, h0km, mb3, 7/15,
mb1 4.0/19, mb1mx3.9/42, mbtmp3.8/19, ML2.8/3, MS3.6/2,
Ms1 3.7/2, ms1mx3.0/52, Error ellipse: s-maj=22.5km
s-min=8.9km az=17.0
NEIC 12 00:22:44.1±2.6, 64°45'N, 0°08'17.8'W, 0.1, h8km, 4km,
mb4.5/32, Error ellipse: s-maj=11.8km, s-min=11.0km
az=187.0
ISC 12 00:22:43.9, 0.4, 64.47N, 0.03, 17.88W, 0.03, h10km, n103,
a1568/96, mb4.3/32, lceland

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like IHAM Hamarin, IJOK Jokulheimar, ISKR Skrokka, etc.

Table with columns: Station Name, Az, El, Op, P, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR AB, KBZ Khabaz, ASAR Alice Springs, AKASG Malin Array B, BURAR Bucovina Array, DPC Dobruska-Polom, etc.

12d 00:51:43.3.5.9.32.52Sx:178.95W, h97km, 50km, mb3.9/4, m1 4.2/5, mb1mx3.7/37, mbtmp4.3/5, Error ellipse: s-maj=41.5km s-min=27.8km az=23.0

NEIC 12 00:51:50.6.1.9.32.9S.0.1:179.2W.0.2, h165km, 8km, mb4.3/13, Error ellipse: s-maj=21.2km s-min=14.6km az=87.0

ISC 12 00:51:43.4.0.7.32.56S.0.08x179.0W.0.1, h100km, n91, r+159/83, mb4.5/9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, Op, P, Res. Lists various stations like MXZ Matakaoa Point, WAZ Waionatani S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res. Lists various stations like RPZ Rata Peaks, SAR Sarautou, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res. Includes stations like ARCES ARCESS Array B, KBZ Khabaz, FINES FINESS Array B, NB2 NORSAR Subarra, etc.

HLW 12 00:58:59.1, 34.66N-25.56E, h10km, 14km, MD4.0

ATH 12 00:59:03.4, 34.57N-25.18E, h17km, 2km, ML2.4/2, Error ellipse: s-maj=3.4km s-min=1.7km az=334.0

THE 12 00:59:03.7, 34.61N-25.16E, h9km, 4km, ML2.1/5, Error ellipse: s-maj=5.1km s-min=1.1km az=354.0

ISC 12 00:59:01.7.1.6.34.51N.0.06:25.20E.0.04, h13km, 13km, n17, r+066/26, Crete

Table with columns: Code, Station Name, Az, El, Op, P, Res. Lists various stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, etc.

ISC 12 00:59:17.0.3.0.6.16:25N-97:93W, h0km, mb4.5/18, m1 4.7/20, mb1mx4.5/38, mbtmp4.5/20, ML3.8/2.7, MS4.0/15, Ms1 4.0/15, ms1mx3.8/37, Error ellipse: s-maj=21.7km s-min=11.3km az=50.0

MEX 12 00:59:17.0.7.0.16:22N-98:05W, h6km, 3km, MD4.8

NEIC 12 00:59:19.8.3.4.16:28N.0.02:98.0W.0.03, h34km, 5km, Error ellipse: s-maj=4.9km s-min=1.7km az=127.0

GCMT 12 00:59:20.7.0.6.16:45N.0.03:97.63W.0.05, h29km, 1km, MV4.9/76, Moment Tensor Solution, s20, c22: s76, c80; Duration: 0 Moment tensor: Scale 10^19Nm; Mrz: 65E-21; Mww: 1.29E-22; Mww-1.36E-15; Mm-1.94E-13; Mww: 1.04E-09; IMV: M=0.29; 2D: Post double couple; M2: 843000.0; NP1: s327.00000; s34.00000; s1.11.00000; NP2: s1.22.00000; s59.00000; s77.00000; Principal axes: T 3.0630, Plg73.0000, Azm359.0000; N -0.4390, Plg11.0000; Azm129.0000; P -2.6240, Plg13.0000, Azm22.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 00:59:17.1.1.16.27N.0.03:98.03W.0.03, h17km, 6km, n872, r+130/885, mb4.9/212, MS4.1/16, Near coast of Guerrero

Table with columns: Code, Station Name, Az, El, Op, P, Res. Lists various stations like PNIG Pinotepa, PNIG Pinotepa, YGIG Yosondua, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res. Lists various stations like CMIG Matias Romero, CMIG Universidad Na, CMIG Universidad Na, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res. Lists various stations like CMIG Matias Romero, CMIG Universidad Na, CMIG Universidad Na, etc.

Z47A	comp-Z,142nm,1.4s	I	Amb	I	Amb	01 03 48.6
Y45A	Yeager Farm, C	19.12	22	P	Pn	01 03 40.9 +0.8
Y45A	comp-Z,80nm,0.9s	I	Amb	I	Amb	01 03 47.4
W39A	Magazine	19.23	11	P	P	01 03 40.0 -0.5
W39A	Magazine	19.23	11	P	P	01 03 40.8 +0.3
W39A	Magazine	19.23	11	P	P	01 03 56.4
OK025	Westminster Rd	19.24	2	P	P	01 03 40.3 -0.3
OK025	OK025	19.24	2	P	P	01 03 42.9
X43A	Marvell	19.27	18	P	Pn	01 03 40.3 -0.7
X43A	Marvell	19.27	18	P	Pn	01 03 44.4 +2.4
X43A	Marvell	19.27	18	P	Pn	01 03 51.9
352A	Blakely	19.28	36	P	Pn	01 03 42.7 +0.6
352A	Blakely	19.28	36	P	Pn	01 03 57.8
656A	Willston	19.31	45	P	Pn	01 03 43.7 +1.2
656A	Willston	19.31	45	P	Pn	01 04 00.6
BNN	Barren Site	19.41	338	P	Pn	01 03 45.1 +1.2
LRAL	Lakeview Retre	19.45	29	P	P	01 03 40.6 -2.3
LRAL	Lakeview Retre	19.45	29	P	Pn	01 03 43.6 -0.5
Y22D	IRIS PASCALI	19.45	337	P	P	01 03 42.9 -0.2
Y22D	IRIS PASCALI	19.45	337	P	Pn	01 03 44.4 +0.1
Y22D	IRIS PASCALI	19.45	337	P	Pn	01 03 52.8
W41B	Gary Mavity, V	19.52	14	P	P	01 03 41.8 -1.9
W41B	Gary Mavity, V	19.52	14	P	Pn	01 03 44.8 -0.2
LENM	Lemitar	19.55	337	P	Pn	01 03 45.7 +0.2
OK030	Cody Creek RV	19.61	3	I	Amb	01 03 43.9 -0.8
OK030	Cody Creek RV	19.61	3	I	Amb	01 03 45.8
WHAR	Wooly Hollow	19.63	14	P	P	01 03 45.4 +0.6
OK031	S. Brethren Rd	19.63	3	I	Amb	01 03 44.1 -0.8
OK031	S. Brethren Rd	19.63	3	I	Amb	01 03 46.6
TUL1	Leonard	19.66	5	P	P	01 03 43.5 -1.8
TUL1	Leonard	19.66	5	P	P	01 03 43.8 -1.4
TUL1	Leonard	19.66	5	P	P	01 03 51.7
MTDJ	Mount Denham	19.67	81	P	Pn	01 03 49.5 +2.4
MTDJ	Mount Denham	19.67	81	P	Pn	01 04 02.8
TUC	Tucson	19.72	326	P	Pn	01 03 47.5 0.0
TUC	Tucson	19.72	326	P	Pn	01 03 48.0 +0.5
OXF	Oxford	19.75	22	P	P	01 03 44.6 -1.6
OXF	Oxford	19.75	22	P	P	01 03 45.4 -0.8
OXF	Oxford	19.75	22	P	P	01 03 52.0
QUOK	Quay	19.86	3	P	P	01 03 46.4 -0.9
QUOK	Quay	19.86	3	P	P	01 03 53.5
TIGA	Tifton	20.03	38	P	P	01 03 46.4 -2.9
U32A	Winter Ranch,	20.05	358	P	P	01 03 49.4 -0.1
U32A	Winter Ranch,	20.05	358	P	P	01 03 57.6
ANMO	Albuquerque	20.07	339	P	Pn	01 03 51.2 -0.6
ANMO	Albuquerque	20.07	339	P	Pn	01 09 59.9
ANMO	Albuquerque	20.07	339	P	Pn	01 12 14.5
ANMO	Albuquerque	20.07	339	P	Pn	01 03 50.6 +0.7
ANMO	Albuquerque	20.07	339	P	Pn	01 03 51.1 -0.6
ANMO	Albuquerque	20.12	20	P	Pn	01 03 53.9 +1.7
CROK	Carrier	20.15	0	P	P	01 03 49.8 -0.8
FCAR	Ozark Folk Cen	20.24	14	P	P	01 03 50.8 -0.7
HHAR	Hobbs	20.26	10	I	Amb	01 03 50.5 -1.3
HHAR	Hobbs	20.26	10	I	Amb	01 03 57.3
152A	Waverly Hall	20.30	34	P	P	01 03 51.8 -0.4
U38A	Gravette	20.35	8	P	P	01 03 51.7 -1.0
U38A	Gravette	20.35	8	P	P	01 03 57.9
Y49A	Blount Mountai	20.40	29	P	P	01 03 52.4 -1.0
Y49A	Blount Mountai	20.40	29	P	P	01 04 00.8
W45A	Hickory Valley	20.41	21	P	P	01 03 52.1 -1.3
LPAR	Lepanto	20.45	18	P	P	01 03 53.8 -0.2
LPAR	Lepanto	20.45	18	P	P	01 04 03.1
GC02	Grant County #	20.50	0	P	Pn	01 03 55.7 -0.9
456A	Hilliard	20.52	43	I	Amb	01 03 57.0 +0.2
456A	Hilliard	20.52	43	I	Amb	01 04 05.3
U40A	Yellville	20.53	12	P	P	01 03 53.5 -1.2
U40A	Yellville	20.53	12	P	P	01 03 53.6 -1.1
U40A	Yellville	20.53	12	P	P	01 03 59.4
Z51A	Franklin	20.57	32	P	Pn	01 03 50.0 -0.4
214A	Organ Pipe Nat	20.60	322	P	P	01 03 56.5 +1.0
214A	Organ Pipe Nat	20.60	322	P	Pn	01 03 57.5 -0.3
KAN14	Manchester OK	20.60	0	P	P	01 03 54.3 -1.2
T35A	Sooner Castle	20.61	3	P	P	01 03 54.0 -1.5
T35A	Sooner Castle	20.61	3	P	P	01 04 02.8
X48A	Hartselle	20.62	27	P	P	01 03 54.3 -1.4
X48A	Hartselle	20.62	27	P	P	01 04 03.6
LCAR	Lake Charles	20.65	16	P	P	01 03 54.8 -1.1
PLAL	Pickwick Lake	20.66	24	P	P	01 03 56.3 +0.7
KAN13	South Haven SW	20.67	1	I	Amb	01 03 55.1 -1.1
KAN13	South Haven SW	20.67	1	I	Amb	01 04 08.8
PIX	Pinacote	20.71	320	P	Pn	01 03 59.1 +0.1
KAN10	Anarchy SW Sta	20.77	360	P	Pn	01 03 58.6 -1.1
X18A	Snowflake	21.10	332	I	Amb	01 03 43.3 +2.3
X18A	Snowflake	21.10	332	I	Amb	01 04 04.5
154A	Montrose	21.16	37	P	P	01 04 04.6 +3.1
SFX	San Felipe	21.25	317	P	P	01 04 03.8 +1.1
FPAL	Fort Paine	21.34	29	I	Amb	01 04 03.1 +0.3
FPAL	Fort Paine	21.34	29	I	Amb	01 04 13.8
MGMO	Mountain Grove	21.42	13	P	P	01 04 03.2 -1.1
MGMO	Mountain Grove	21.42	13	P	P	01 04 08.3
W18A	Petrified Fore	21.49	333	P	P	01 04 05.3 0.0
W18A	Petrified Fore	21.49	333	P	P	01 04 04.1 -1.2
W18A	Petrified Fore	21.49	333	P	P	01 04 19.6
PBMO	Poplar Bluff	21.51	17	P	P	01 04 07.8 +2.5
PBMO	Poplar Bluff	21.51	17	P	P	01 04 08.2
T25A	Trinidad	21.54	346	P	P	01 04 06.4 +0.5
T25A	Trinidad	21.54	346	P	P	01 04 08.5 +2.7
GOGA	Godfrey	21.54	35	P	P	01 04 03.5 -2.1
GOGA	Godfrey	21.54	35	P	P	01 04 04.2 -1.4
GOGA	Godfrey	21.54	35	P	P	01 04 12.4
Y52A	Libburn	21.57	33	P	P	01 04 04.6 -1.3
UTMT	University of	21.59	20	P	P	01 04 07.8 +1.7
PABMO	Parma	21.60	18	P	P	01 04 07.1 +1.3
SPX	San Pedro Mart	21.66	316	P	P	01 04 09.1 +1.8
X16A	Lo Mia Camp, P	21.71	329	P	P	01 04 10.4 +2.7
X16A	Lo Mia Camp, P	21.71	329	P	P	01 04 19.5
X51A	Calhoun	21.72	31	P	P	01 04 06.1 -1.5
X51A	Calhoun	21.72	31	P	P	01 04 15.1
S39A	Bolivar	21.74	10	P	P	01 04 05.9 -0.8
S39A	Bolivar	21.74	10	P	P	01 04 10.6
SWET	Sewanee	21.75	28	P	P	01 04 06.7 -1.2
SWET	Sewanee	21.75	28	P	P	01 04 14.9
WVT	Waverly	21.77	23	P	P	01 04 06.2 -1.8

WVT	Waverly	21.77	23	P	P	01 04 06.2 -1.6
WVT	Waverly	21.77	23	P	P	01 04 18.4
W48A	Smith Brothers	21.82	25	P	P	01 04 07.0 -1.5
W48A	Smith Brothers	21.82	25	P	P	01 04 19.3
W50A	Signal Mountai	22.02	29	P	P	01 04 09.5 -1.3
W50A	Signal Mountai	22.02	29	P	P	01 04 17.8
R32A	Long Quarter,	22.07	359	P	P	01 04 10.4 -1.0
R32A	Long Quarter,	22.07	359	P	P	01 04 13.8
GTBY	Guantanamo Bay	22.09	77	P	P	01 04 11.4 -0.2
GTBY	Guantanamo Bay	22.09	77	P	P	01 04 17.2 +3.7
CLTN	Cedars of Leba	22.32	26	P	P	01 04 12.9 -1.1
CLTN	Cedars of Leba	22.32	26	P	P	01 04 21.9
SDCO	Great Sand Dun	22.38	344	P	P	01 04 15.4 +0.5
SDCO	Great Sand Dun	22.38	344	P	P	01 04 15.4 +0.5
157A	Early Branch	22.47	40	P	P	01 04 13.5 -2.1
157A	Early Branch	22.47	40	P	P	01 04 13.5 -2.1
CBKS	Cedar Bluff	22.51	357	P	P	01 04 14.5 -1.5
CBKS	Cedar Bluff	22.51	357	P	P	01 04 17.6 +1.5
CBKS	Cedar Bluff	22.51	357	P	P	01 04 29.6
CCM	Cathedral Cave	22.51	14	P	P	01 04 13.8 -2.2
CCM	Cathedral Cave	22.51	14	P	P	01 04 16.4 +0.4
CCM	Cathedral Cave	22.51	14	P	P	01 04 31.3
R40A	Maddies Statio	22.52	12	P	P	01 04 17.5 +1.5
R40A	Maddies Statio	22.52	12	P	P	01 04 17.6
WUAZ	Wupatki	22.57	331	P	P	01 04 18.6 +1.8
WUAZ	Wupatki	22.57	331	P	P	01 04 18.7 +1.9
WUAZ	Wupatki	22.57	331	P	P	01 04 21.7
GLA	Glamis	22.57	321	P	P	01 04 17.8 +1.0
GLA	Glamis	22.57	321	P	P	01 04 18.7 +1.9
GLA	Glamis	22.57	321	P	P	01 04 21.0
ESJX	Sierra Juarez	22.59	317	P	P	01 04 18.2 +1.1
ESJX	Sierra Juarez	22.59	317	P	P	01 04 15.2 -1.6
CPCT	Cooper Cove	22.59	30	I	Amb	01 04 27.2
W52A	Murphy	22.60	31	P	P	01 04 15.8 -1.3
FVM	French Village	22.64	16	I	Amb	01 04 16.7 -0.7
FVM	French Village	22.64	16	I	Amb	01 04 18.4
Z56A	Williston	22.69	38	P	P	01 04 15.6 -2.3
Z56A	Williston	22.69	38	P	P	01 04 16.4 -1.5
S44A	Carbondale	22.70	18	P	P	01 04 17.9 -0.2
SIUC	Southern Illin	22.73	18	P	P	01 04 18.7 +0.3
S22A	4UR Ranch, Cre	22.76	342	P	P	01 04 19.3 +0.3
S22A	4UR Ranch, Cre	22.76	342	P	P	01 04 19.9 +1.0
S22A	4UR Ranch, Cre	22.76	342	P	P	01 04 22.9
KSU1	Kansas State U	22.78	3	P	P	01 04 17.6 -1.2
KSU1	Kansas State U	22.78	3	P	P	01 04 19.2 +0.4
KSU1	Kansas State U	22.78	3	P	P	01 04 29.0
MVCO	Mesa Verde	22.82	338	P	P	01 04 19.8 +0.3
MVCO	Mesa Verde	22.82	338	P	P	01 04 20.6 +1.1
MVCO	Mesa Verde	22.82	338	P	P	01 04 30.3
HODGE	Hodges	22.82	35	P	P	01 04 17.5 -1.9
U49A	Red Boiling Sp	22.91	26			

AGMN	baz=223	31.99	3	P	P	01 05 41.6	-0.7
EYMN	Elly	32.04	8	P	P	01 05 42.3	-0.6
EYMN	baz=192	32.04	8	P	P	01 05 41.8	-1.1
EYMN	Elly	32.04	8	P	I Amb	01 05 50.6	
CPNY	comp=Z,16nm,0.9s	32.11	36	P	P	01 05 45.2	+1.7
CPNY	Central Park	32.11	36	P	I Amb	01 05 47.8	
M60A	Port Jervis	32.11	34	P	P	01 05 42.2	-1.4
B35A	Bob, Littlefor	32.20	5	P	P	01 05 43.0	-1.2
B35A	Bob	32.20	5	P	I Amb	01 05 51.7	
TRNY	Table Rock, Ra	32.20	35	P	P	01 05 44.6	+0.3
PAL	Palisades	32.28	35	P	P	01 05 44.1	-1.0
PAL	Palisades	32.28	35	P	P	01 05 43.7	-1.3
PAL	Palisades	32.45	342	P	P	01 05 47.6	+1.0
HRV	Holter Researc	32.50	33	P	P	01 05 46.4	-0.6
L59A	Walton	32.50	33	P	P	01 05 46.9	0.0
DGMT	Dagmar	32.51	352	P	P	01 05 46.5	-0.5
DGMT	Dagmar	32.51	352	P	P	01 05 46.9	-0.6
M61A	Granite Spring	32.57	35	P	P	01 05 45.8	-2.1
K58A	Earville	32.61	31	P	P	01 05 48.6	+0.3
M04C	Maccoel	32.64	326	P	P	01 05 47.3	-1.6
WSPPT	Westport, CT	32.72	36	P	P	01 05 47.7	-1.7
L60A	Shokan	32.79	34	P	P	01 05 48.8	-0.8
BMO	Blue Mountains	32.80	334	P	P	01 05 51.6	+1.7
K05A	Summer Lake	32.82	328	P	P	01 05 51.6	+0.8
M02C	Callahan	32.93	324	P	P	01 05 51.0	-0.3
K5CT	Kent School, K	33.01	35	P	P	01 05 51.1	-0.5
YLE	Yale	33.04	36	P	P	01 05 50.7	-1.5
YBH	Yreka Blue Hor	33.08	325	P	P	01 05 53.9	+1.5
KHMM	Horse Mountain	33.09	323	P	I Amb	01 06 04.4	
KHMM	KHMM	33.10	346	P	P	01 05 52.5	+0.3
EGMT	Eagleton	33.10	346	P	I Amb	01 05 53.3	+1.1
EGMT	Eagleton	33.10	346	P	I Amb	01 06 01.8	
EGMT	Eagleton	33.16	331	P	P	01 05 53.8	+1.0
L04D	Klamath Falls	33.20	326	P	P	01 05 54.2	+1.0
MSO	Missoula	33.21	340	P	P	01 05 53.7	+0.5
MSO	Missoula	33.21	340	P	P	01 05 53.8	+0.5
J05D	Fort Rock, OR	33.40	328	P	P	01 05 55.1	+0.1
I57A	Carthage	33.47	30	P	P	01 05 55.3	-0.1
G54A	Lake Saint Pet	33.52	26	P	P	01 05 56.9	+1.1
M63A	Gales Ferry	33.60	37	P	P	01 05 56.2	+0.4
TRV	Troy	33.60	33	P	I Amb	01 06 06.3	
TRV	Troy	33.60	33	P	I Amb	01 06 06.3	
PINE	comp=Z,22nm,1.2s	33.62	329	P	I Amb	01 05 58.4	+1.4
PINE	Pine Mountain	33.62	329	P	I Amb	01 05 59.3	
L62A	Suffield	33.67	35	P	P	01 05 57.2	+0.1
F10A	Beach Ranch, E	33.68	336	P	I Amb	01 05 57.2	-0.1
F10A	Beach Ranch, E	33.68	336	P	I Amb	01 05 59.1	
K61A	Williamstown	33.77	34	P	P	01 05 58.5	+0.5
J04D	Umpqua Nationa	33.81	328	P	P	01 05 59.5	+0.8
G08A	Pilot Rock	33.85	333	P	I Amb	01 05 59.8	+0.9
G08A	Pilot Rock	33.85	333	P	I Amb	01 06 00.6	
ULM	comp=Z,12nm,1.0s	33.94	2	P	P	01 05 58.4	-1.0
ULM	Lac du Bonnet	33.94	2	P	P	01 05 58.0	-1.4
ULM	comp=Z,14nm,1.0s, baz=193,slow=8.6,SNR=19	33.94	2	P	I Amb	01 05 59.2	
ULM	Lac du Bonnet	33.94	2	P	I Amb	01 05 59.2	
QUA2	Belchertown	34.00	35	P	P	01 06 00.6	+0.6
J60A	Lant Hill Farm	34.09	33	P	P	01 05 59.4	-1.4
J05D	Jette	34.13	340	P	P	01 06 01.1	-0.2
J05D	Jette	34.22	330	P	P	01 06 02.7	+0.7
ITMD	Terrebonne, OR	34.32	328	P	P	01 06 03.8	+0.6
I04A	Tendick Farm,	34.36	328	P	P	01 06 04.5	+0.3
E09A	Wood Farm, Sta	34.49	335	P	P	01 06 04.1	-0.2
L0NY	Lake Ozonia	34.50	30	P	P	01 06 02.9	-2.6
M66A	Nantucket	34.62	38	P	P	01 06 04.5	-1.0
L64A	Middleborough	34.63	37	P	P	01 06 07.7	+1.5
J01E	Myrtle Point	34.72	326	P	P	01 06 03.4	-3.1
KEBM	Edson Butte	34.74	325	P	P	01 06 08.2	+1.5
I03D	Drain, OR	34.77	327	P	P	01 06 08.5	+0.9
G05D	Wamic, OR	34.88	331	P	P	01 06 08.8	+1.1
H04A	Detroit Lake	34.88	329	P	P	01 06 09.5	+1.3
J62A	Henniker	34.93	34	P	P	01 06 10.1	+1.7
H59A	Cadyville	34.95	31	P	P	01 06 09.7	+0.6
HAWA	Hanford	34.97	334	P	P	01 06 10.9	+0.7
H04D	Lebanon	35.04	329	P	P	01 06 12.1	
WALA	Waterton Lakes	35.17	342	P	I Amb	01 06 09.8	-0.6
WALA	Waterton Lakes	35.17	342	P	I Amb	01 06 12.0	
I61A	Oroboro, Fair	35.20	33	P	P	01 06 12.0	+1.3
E07A	Sunnyside	35.23	334	P	P	01 06 13.8	+2.0
COR	Corvallis	35.37	328	P	P	01 06 13.3	+0.9
F05D	White Salmon	35.43	331	P	P	01 06 13.5	+0.1
NEW	Newport	35.55	338	P	P	01 06 14.7	+1.0
NEW	Newport	35.55	338	P	P	01 06 14.7	+1.0
C09A	Christman Ranch	35.59	334	P	P	01 06 14.7	+1.0
I62A	Tamworth	35.62	34	P	P	01 06 15.7	+1.7
I62A	Tamworth	35.62	34	P	P	01 06 17.3	+2.5
TRQ	Mont Tremblant	35.73	28	P	P	01 06 14.9	-1.6
E56A	St. Veronique	35.73	28	P	P	01 06 16.1	+0.9
H61A	Lyndonville	35.76	33	P	P	01 06 17.6	+2.1
G03D	McMinville, O	35.80	329	P	P	01 06 14.9	-1.6
D55A	Sainte-Anne-du	35.91	27	P	P	01 06 19.5	+1.1
LTY	Liberty	36.13	334	P	I Amb	01 06 20.7	
LTY	Liberty	36.13	334	P	I Amb	01 06 20.7	
I63A	Otisfield	36.15	34	P	P	01 06 15.8	-2.7
I63A	Otisfield	36.15	34	P	I Amb	01 06 27.9	
H62A	Milan	36.19	33	P	P	01 06 19.4	+0.5
H62A	Milan	36.19	33	P	I Amb	01 06 20.6	+1.7
H62A	Milan	36.19	33	P	I Amb	01 06 29.1	
LON	Longmire	36.24	332	P	P	01 06 20.8	+1.4
E58A	La Victoria	36.41	29	P	P	01 06 21.0	+0.2
E04D	Cinebar	36.44	331	P	P	01 06 23.1	+0.4
D05A	Enunclaw	36.65	332	P	I Amb	01 06 25.5	
D05A	Enunclaw	36.65	332	P	I Amb	01 06 25.5	
E03A	Lebam	36.90	330	P	I Amb	01 06 27.5	
E03A	Lebam	36.90	330	P	I Amb	01 06 27.5	
LSQQ	Lebel-sur-Quev	36.93	23	P	P	01 06 26.7	+1.5
G62A	West of Eustis	36.95	33	P	P	01 06 26.3	+0.9
G62A	West of Eustis	36.95	33	P	I Amb	01 06 26.3	+0.9
WVL	Waterville	36.99	34	P	P	01 06 22.9	-2.7
WVL	Waterville	36.99	34	P	I Amb	01 06 27.8	
D04E	Lakebay	37.00	332	P	P	01 06 27.7	+2.0
D58A	Chemin du LacG	37.12	29	P	P	01 06 25.9	-0.9
MATQ	Metagammi	37.27	22	P	P	01 06 27.0	-1.0
LATQ	La Tuque	37.38	29	P	P	01 06 31.5	+2.5
LATQ	La Tuque	37.38	29	P	P	01 06 30.5	+1.5
D03D	Eldon	37.41	332	P	P	01 06 29.6	+0.4
B06A	Marblemount	37.46	334	P	P	01 06 28.5	-1.1
B05A	Bryant	37.52	333	P	P	01 06 29.8	-0.3
NLWA	Neilton Lookou	37.66	331	P	I Amb	01 06 31.6	+0.2
NLWA	Neilton Lookou	37.66	331	P	I Amb	01 06 42.4	
G64A	Maxfield	37.92	34	P	P	01 06 34.8	+1.2
A05A	Maple Falls	38.08	334	P	P	01 06 35.5	+0.3
A04D	Lummi Island	38.13	333	P	P	01 06 38.4	+1.1
PGC	Sidney	38.40	333	P	P	01 06 37.5	-0.3
H66A	Whiting	38.42	336	P	P	01 06 37.9	-0.4
FFC	Flin Flon	38.50	356	P	I Amb	01 06 40.8	
FFC	Flin Flon	38.50	356	P	I Amb	01 06 40.8	
F64A	comp=Z,24nm,0.8s	38.53	34	P	P	01 06 40.0	+1.3
G65A	Princeton	38.54	35	P	P	01 06 38.5	-0.3
G65A	Princeton	38.54	35	P	I Amb	01 06 39.1	+0.4
G65A	Princeton	38.54	35	P	I Amb	01 06 48.2	
D62A	Allapoint, All	38.97	32	P	P	01 06 41.4	-0.9
D62A	Allapoint, All	38.97	32	P	P	01 06 41.1	-1.3
D63A	Stockholm	39.42	33	P	P	01 06 46.3	+0.2
BATG	Bathurst New B	40.65	34	P	P	01 06 58.5	+2.1
FCC	Fort Churchill	42.52	3	P	P	01 07 10.7	-0.8
SAML	Samuel	42.63	124	P	P	01 07 11.7	-1.3
PB16	IPOC Station P	44.40	140	P	P	01 07 29.1	+1.3
RPN	Rapa Nui	44.51	194	LR	LR	01 07 29.1	+1.3
RPN	Rapa Nui	44.51	194	LR	LR	01 07 29.1	+1.3
MNMC	Minnye Minnye	44.95	140	P	P	01 07 34.4	+2.6
GO01	Chumizua	45.60	140	P	I Amb	01 07 40.2	+3.0
GO01	Chumizua	45.60	140	P	I Amb	01 07 44.6	
PB09	IPOC Station P	47.20	142	P	I Amb	01 07 51.5	+2.0
PB09	IPOC Station P	47.20	142	P	I Amb	01 07 56.9	
YKA	Yellowknife Ar	47.62	350	P	P	01 07 51.1	-0.8
YKA	Yellowknife Ar	47.62	350	P	P	01 07 51.1	-0.8
YKA	comp=Z,5.7nm,0.9s, baz=154,slow=7.2,SNR=38	47.62	350	P	P	01 09 20.5	-1.0
YKA	comp=Z,0.9nm,0.7s, baz=146,slow=4.4,SNR=4.7	47.62	350	P	P	01 09 44.3	+0.8
YKA	comp=Z,3.1nm,1.0s, baz=155,slow=8.9,SNR=4.9	47.62	350	P	LR	01 09 29.1	
YKA	comp=Z,1.44nm,1.1s, baz=0.0,slow=38	47.62	350	P	LR	01 09 29.1	
PB06	IPOC Station P	47.71	143	P	P	01 07 53.0	-0.4
LVLC	Limon Verde	48.02	143	P	P	01 07 57.4	+1.4
LBC	Deas Lake	48.30	338	P	P	01 07 57.9	+0.4
SIV	San Ignacio	48.56	130	P	P	01 07 58.8	-1.1
SIV	San Ignacio	48.56	130	P	P	01 07 58.8	-1.1
TAOE	Nuku Hiva Isla	48.59	242	eT	T	01 09 36.4	
GO02	Mina Guanaco	49.64	146	P	I Amb	01 08 10.0	+1.6
GO02	Mina Guanaco	49.64	146	P	I Amb	01 08 15.7	
SKAG	Skagway	50.98	337	P	P	01 08 19.9	+2.2
AC02	MacKenzie	51.23	243	P	P	01 08 24.8	+2.1
LCO	Las Campanas	52.19	149	I Amb	I Amb	01 08 30.3	+2.8
LCO	Las Campanas	52.19	149	I Amb	I Amb	01 08 36.9	
H03N2	Juan Fernandez	52.69	160	T	T	02 04 56.6	
H03N1	Juan Fernandez	52.70	160	T	T	02 04 57.9	
HYT	Haines Junction	52.70	337	P	I Amb	01 08 31.6	+0.9
HYT	Haines Junction	52.70	337	P	I Amb	01 08 34.0	
H03N3	Juan Fernandez	52.71	160	T	T	02 05 01.9	
BARN	Barnard Glacie	54.55	336	P	I Amb	01 08 43.1	-0.5
BARN	Barnard Glacie	54.55	336	P	I Amb	01 08 52.9	
BALM	Baldy	54.71	335	P			

TAP 12 01:03:20.9,24°55'N,122°62'E,h93km,ML4.0,C
JMA 12 01:03:21.1,0.1,24°49'N,122°60'E,h89km,1km,M2.9
ISC 12 01:03:21.8-1.2,24°53'N,0.03,122°62'E,0.02,h85km,7km,
n127,0974/220,3C,Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JYNG, YONAGUNI, ENAH, TWB1, etc.

Table with columns: TDCB, Tech, Azimuth, Phase ID, Time, Residual. Includes stations like TDCB, NCU, EGFH, CHGB, etc.

Table with columns: TTN, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TTT, CHY, TWK, CHN1, etc.

IDC 12 01:04:12.6,0.6,25°06'N,126°47'E,h0km,mb4.5/19,
mb1 4.5/21,mb1mx4.3/44,mbtmp4.2/1,ML4.0/1,MS3.9/2,
Ms1 3.9/2,ms1mx3.0/42,Error ellipse: s-maj=22.3km
s-min=12.0km az=80.0
BUJ 12 01:04:13.1,0.0,24°97'N,126°67'E,h20km,mbB4.7/22,
mb4.4/37,Ms4.1/10,Ms7 3.8/10
NEIC 12 01:04:18.6,1.8,25°03'N,0.08,126°58'E,0.0,h40km,7km,
mb4.7/41,Error ellipse: s-maj=12.8km s-min=9.9km
az=148.0
ISC 12 01:04:17.0,0.5,25°05'N,0.06,126°67'E,0.07,h35km,n90,
0.1940/87,mb4.6/42,MS3.8/4,1D,Ryukyus Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like YOJ, JMZ, NACB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GTA, ULN, SONM, WMO, H11N1, etc.

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

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

UPA 12:01:16:47.8:1.2, 8.08N, 82.81W, h22km, 5km, MW3.8, ICD, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BAGA3, CDITO, LCO3, etc.

ISC 12:01:20:14.6:7.2, 16.17S, 13.01W, h0km, mb4.0/6, mb1.4/0.6, mb1mx3.7/38, mbtmp4.0/6, MS3.4/4, Ms1.3/4, Ms1.0x3.2/29, Error ellipse: s-maj=170.2km s-min=38.3km az=64.0

ISC 12:01:20:16.5:7.1, 16.22S, 0.6:13W, h10km, n15, c085/9, mb4.0/8, MS3.3/4, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H10N1, H10N3, H10N2, etc.

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

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

IDC 12:03:00:11.8:1.0, 16.116N, 98.01W, h0km, mb4.0/13, mb1.4/2.16, mb1mx4.1/37, mbtmp4.0/16, ML3.7/3, MS3.4/5, Ms1.3/4, Ms1.0x3.1/27, Error ellipse: s-maj=22.5km s-min=13.0km az=31.0

NEIC 12:03:00:14.7:2.4, 16.34N, 0.07:97.93W, 0.04, h7km, 5km, mb4.5/187, Md4.2/48(MEX), Error ellipse: s-maj=10.4km s-min=4.4km az=206.0

MEX 12:03:00:15.8:0.16, 16.21N, 98.05W, h6km, 3km, MD4.2, ISC 12:03:00:14.0:0.1, 16.25N, 0.04:97.95W, 0.03, h12km, 6km, n311, c131/286, mb4.4/78, MS3.5/3, Oaxaca

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

ZIIG	Zihuatanejo	3.62	292	Pn	03 01 08.9	-1.1
ZIIG	Tuzandepetl	3.81	62	iP	03 01 13.1	+0.5
TUIG	Tuzandepetl	3.81	62	Pn	03 01 13.1	+0.5
PCIG		4.59	96	eP	03 01 23.8	+0.5
PCIG		4.59	96	iS	03 01 23.8	+0.5
PCIG	Morelia	4.59	318	Pn	03 02 18.2	+1.7
MOIG	Morelia	4.59	318	iS	03 02 18.2	+1.7
MOIG	Morelia	4.59	318	Pn	03 02 15.1	-1.8
MOIG	Morelia	4.59	318	Pn	03 01 25.9	+2.4
TGIG		4.66	83	iP	03 01 25.2	+0.9
TGIG		4.66	83	Pn	03 01 25.2	+0.9
MMIG	Aquila	5.54	292	iP	03 01 35.3	-0.9
MMIG	Aquila	5.54	292	Pn	03 01 35.3	-0.9
CCIG	Comitan	5.59	89	Pn	03 01 40.8	+3.7
PETF	Flores	7.78	84	Pn	03 02 08.0	+0.9
TEIG	Tepeich	10.01	65	Pn	03 02 35.9	-1.7
833A	Chaparral WMA	12.09	354	P	03 03 07.2	+1.1
JTS	Las Juntas de	13.97	114	Pn	03 03 33.4	+1.5
LPIG	La Paz	13.97	306	LR	03 08 22.0	
TXAR	Lajitas Array	14.04	339	Pn	03 03 33.5	+0.6
TXAR	Lajitas Array	14.04	339	LR	03 08 42.9	
TXAR	Lajitas Array	14.04	339	Pn	03 03 35.6	+2.7
TX31	Lajitas Ar. Si	14.04	339	Pn	03 03 35.6	+2.7
TX32	Lajitas Array	14.04	339	Pn	03 03 36.2	+3.3
JCT	Junction City	14.26	354	P	03 03 36.4	+0.5
JCT	Junction City	14.26	354	P	03 03 40.0	-3.2
WHTX	Lake Whitney	15.67	2	P	03 03 55.3	+0.5
WHTX	Lake Whitney	15.67	2	P	03 03 59.4	+0.6
NATX	Nacogdoches	15.72	10	P	03 03 55.4	-0.1
237A	Washetta, Mont	15.80	7	P	03 04 01.0	+0.8
237A				Iamb	03 04 01.9	
ABTX	Ablene, Hawle	16.37	355	P	03 04 04.6	+0.9
ABTX	Ablene, Hawle	16.37	355	P	03 04 07.3	+0.7
ABTX	Ablene, Hawle	16.37	355	P	03 04 08.9	
MNTX	Cornudas Mount	16.80	338	P	03 04 10.2	+1.1
GD2L	Cornudas Mount	16.80	338	P	03 04 11.0	+1.8
GD2L	Corralde Moun	16.91	341	P	03 04 14.3	+1.6
Z35A	Perchaven, San	17.02	2	P	03 04 13.8	+0.1
Z35A				Iamb	03 04 15.1	
Z38A	Mt. Pleasant	17.14	8	P	03 04 15.8	+0.7
Z38A				Iamb	03 04 16.3	
VBMS	Vicksburg	17.27	22	P	03 04 14.4	-0.6
Z41A	Richland Creek	17.56	14	P	03 04 17.8	-0.8
MSTX	Muleshoe	18.17	347	P	03 04 26.3	0.0
MSTX	Muleshoe	18.17	347	P	03 04 26.3	0.0
319A	Douglas	18.25	328	P	03 04 28.4	+1.1
X37A	Clayton	18.41	7	P	03 04 28.9	-0.2
WMOK	Wichita Mounta	18.42	358	P	03 04 27.8	-1.6
121A	Cookes Peak, D	18.50	333	P	03 04 30.9	+0.7
121A	Cookes Peak, D	18.50	333	P	03 04 32.6	+2.2
MIAR	Mount Ida	18.63	11	P	03 04 30.4	-1.2
MIAR	Mount Ida	18.63	11	P	03 04 31.7	+0.1
X40A	Basin Creek Fa	18.73	13	P	03 04 31.8	-0.8
AMTX	Amarillo	18.85	350	P	03 04 34.6	+0.5
AMTX	Amarillo	18.85	350	P	03 04 35.1	+0.5
AMTX				Iamb	03 04 39.3	
W39A	Magazine	19.23	10	P	03 04 38.5	+0.4
OK025	Westminster Rd	19.26	2	P	03 04 38.3	-0.1
OK025				Iamb	03 04 46.1	
X43A	Marvell	19.26	18	P	03 04 38.7	+0.2
X43A	Marvell	19.26	18	Iamb	03 04 41.2	
LRAL	Lakeview Retre	19.43	29	P	03 04 40.2	-0.1
BN30	Barren Site	19.45	338	P	03 04 43.4	+1.4
OK000	Cody Creek RV	19.62	3	Iamb	03 04 43.9	
OK031	S. Brethren Rd	19.64	3	Iamb	03 04 44.2	
TUL1	Leonard	19.67	5	P	03 04 42.3	-0.6
TUL1	Leonard	19.67	5	Iamb	03 04 49.7	
OXF	Oxford	19.73	21	P	03 04 42.6	-1.0
TUC	Tucson	19.78	326	P	03 04 45.8	+1.6
QUOK	Quay	19.87	3	Iamb	03 04 57.7	
U32A	Winter Ranch,	20.07	358	Iamb	03 04 55.6	
ANMO	Albuquerque	20.11	339	P	03 04 48.7	+0.7
ANMO	Albuquerque	20.11	339	P	03 04 49.1	+1.1
ANMO	Albuquerque	20.11	339	P	03 04 49.1	+1.1
Y49A	Blount Mountai	20.38	29	Iamb	03 04 58.7	
U40A	Yellville	20.53	12	P	03 04 51.9	-0.4
U40A	Yellville	20.53	12	P	03 04 52.0	-0.2
X48A	Hartselle	20.62	3	Iamb	03 05 01.5	
T35A	Sooner Cattle	20.62	3	Iamb	03 05 00.3	
PLAL	Pickwick Lake	20.64	24	P	03 04 54.6	+1.1
214A	Organ Pipe Nat	20.66	322	P	03 04 54.9	+1.1
X18A	Snowflake	21.15	332	Iamb	03 05 02.6	
FPAL	Fort Payne	21.32	29	P	03 04 59.8	-1.0
FPAL				Iamb	03 05 11.9	
PBMO	Poplar Bluff	21.51	17	P	03 05 05.2	+2.4
PBMO				Iamb	03 05 13.9	
GOGA	Godfrey	21.51	35	P	03 05 01.5	-1.4
GOGA	Godfrey	21.51	35	Iamb	03 05 10.4	
W18A	Petrified Fore	21.54	333	P	03 05 04.7	+1.2
T25A	Trinidad	21.57	346	P	03 05 04.1	+0.4
SPX	San Pedro Mart	21.72	316	P	03 05 08.6	+3.0
S39A	Bolivar	21.74	10	Iamb	03 05 17.0	
WVT	Waverly	21.75	23	P	03 05 04.8	-0.7
WVT	Waverly	21.75	23	P	03 05 04.3	-1.1
WVT				Iamb	03 05 15.8	
X16A	Lo Mia Camp, P	21.77	329	Iamb	03 05 16.6	
V48A	Smith Brothers	21.80	25	Iamb	03 05 17.2	
R32A	Long Quarter	22.09	358	Iamb	03 05 11.8	
CLTN	Cedars of Leba	22.20	25	P	03 05 10.4	-1.0
SDCO	Great Sand Dun	22.42	344	P	03 05 13.0	+0.1
SDCO				P	03 05 13.9	+1.0
SDCO				P	03 05 13.3	-0.2
CCM	Cathedral Cave	22.51	14	P	03 05 14.7	+1.1

CCM	comp=Z,8.6nm,0.7s	22.52	12	Iamb	Iamb	03 05 29.4
R40A	Maddies Statio	22.52	12	Iamb	Iamb	03 05 16.1
CPCT	Cooper Cave	22.57	30	Iamb	Iamb	03 05 21.8
WUAZ	Wupatki	22.62	331	P	P	03 05 16.2 +1.2
WUAZ	Wupatki	22.62	331	P	P	03 05 18.2 +3.2
WUAZ	Wupatki	22.62	331	Iamb	Iamb	03 05 19.7
GLA	Glamis	22.64	321	P	P	03 05 16.3 +1.3
GLA	Glamis	22.64	321	P	P	03 05 17.1 +2.1
GLA	Glamis	22.64	321	Iamb	Iamb	03 05 19.1
FVM	French Village	22.64	16	Iamb	Iamb	03 05 16.5
S44A	Carbondale	22.70	18	P	P	03 05 15.2 -0.3
SIUC	Southern Illin	22.73	18	P	P	03 05 16.2 +0.4
SIUC				Iamb	Iamb	03 05 25.1
HODGE	Hodges	22.79	35	P	P	03 05 15.4 -1.2
KSU1	Kansas State U	22.79	3	P	P	03 05 16.3 -0.3
KSU1	Kansas State U	22.79	3	P	P	03 05 17.6 +1.1
KSU1				Iamb	Iamb	03 05 19.3
S22A	4UR Ranch, Cr	22.80	342	P	P	03 05 17.2 +0.3
S22A	4UR Ranch, Cr	22.80	342	Iamb	Iamb	03 05 21.0
MVCO	Mesa Verde	22.87	338	P	P	03 05 18.3 +0.7
MVCO	Mesa Verde	22.87	338	P	P	03 05 18.9 +1.3
MVCO				Iamb	Iamb	03 05 28.3
U49A	Red Boiling Sp	22.89	26	Iamb	Iamb	03 05 26.6
BG3	Lake Jocassee	23.00	33	Iamb	Iamb	03 05 29.2
KSCO	Keye Shedlock	23.04	351	P	P	03 05 18.8 -0.5
KSCO	Keye Shedlock	23.04	351	Iamb	Iamb	03 05 21.4
TKL	Tuckaleechee C	23.10	31	P	P	03 05 19.4 -0.5
TKL	Tuckaleechee C	23.10	31	P	P	03 05 19.3 -0.5
TKL				Iamb	Iamb	03 05 29.1
SWSC	Sam W. Stewart	23.17	319	P	P	03 05 22.5 +2.0
BC3	Big Chuckawall	23.43	321	P	P	03 05 25.0 +1.7
Q24A	Divide	23.49	346	P	P	03 05 24.8 +0.7
Q24A	Divide	23.49	346	P	P	03 05 23.3 -0.8
MONP2	Monument Peak	23.53	318	P	P	03 05 25.7 +1.3
V53A	Saluda	23.59	32	P	P	03 05 24.6 -0.1
V53A				Iamb	Iamb	03 05 34.1
IRM	Iron Mountain	23.60	322	P	P	03 05 26.3 +1.5
P38A	Dawn	23.60	9	Iamb	Iamb	03 05 33.6
X56A	White Oak	23.68	37	P	P	03 05 24.1 -1.5
PV01	Paradox Valley	23.72	339	Iamb	Iamb	03 05 37.0
Y57A	Sumter	23.72	39	P	P	03 05 24.5 -1.4
T50A	Nancy	23.72	27	Iamb	Iamb	03 05 34.7
U15A	North Rim	23.79	330	P	P	03 05 28.7 +1.7
PV13	Radium Mtn., P	23.83	338	Iamb	Iamb	03 05 37.2
PV02	Paradox Valley	23.84	339	Iamb	Iamb	03 05 37.5
PV15	Paradox Valley	23.87	339	Iamb	Iamb	03 05 30.3
TZTN	Tazewell	23.92	30	P	P	03 05 27.3 -0.5
PV03	Paradox Valley	23.92	338	Iamb	Iamb	03 05 30.1
PV18	Skein Mesa, Pa	23.94	338	Iamb	Iamb	03 05 30.1
PV12	Saucer Basin	23.96	339	Iamb	Iamb	03 05 30.8
PV11	David Mesa, Pa	23.97	338	Iamb	Iamb	03 05 52.0
PV17	East Wray Mesa	23.98	338	Iamb	Iamb	03 05 30.6
PV16	Nyswonger Mesa	24.00	338	Iamb	Iamb	03 05 30.3
BELC	Belle Mtn. Jos	24.00	321	P	P	03 05 30.1 +1.3
PV19	Morning Glory	24.02	338	Iamb	Iamb	03 05 28.8 -0.3
PFO	Pinyon Flats O	24.02	319	P	P	03 05 30.4 +1.4
PV04	Paradox Valley	24.07	339	Iamb	Iamb	03 05 31.6
PV22	Blue Mesa, Par	24.15	339	Iamb	Iamb	03 05 32.6
PV23	Carpenter Ridg	24.16	338	Iamb	Iamb	03 05 32.5
SMCO	Snowmass	24.16	343	Iamb	Iamb	03 05 35.7
WCI	Wyandotte Cave	24.18	23	P	P	03 05 29.4 -0.8
WCI	Wyandotte Cave	24.18	23	P	P	03 05 31.0 +0.7
GMRC	Granite Mounta	24.34	323	P	P	03 05 32.5 +0.5
ISCO	Idaho Springs	24.39	346	P	P	03 05 33.6 +1.0
X58A	Rowland	24.72	39	P	P	03 05 34.7 -0.5
X58A	Rowland	24.72	39	P	P	03 05 35.7 +0.5
W57A	Gilead	24.75	37	P	P	03 05 35.9 +0.5
U54A	Nelsons Funny	24.75	32	P	P	03 05 35.5 -0.1
HEC	Hector,Ludlow	24.77	322	P	P	03 05 37.9 +2.1
S51A	Beattville	24.79	28	Iamb	Iamb	03 05 44.6
OGNE	Ogallala	24.86	353	P	P	03 05 37.7 +1.2
MTPU	Mount Pierson	25.06	333	P	P	03 05 40.7 +2.0
W58A	Raeoford	25.10	38	P	P	03 05 38.9 +0.2
GSC	Goldstone, Bar	25.37	322	P	P	03 05 42.4 +1.1
U56A	King	25.39	35	P	P	03 05 41.0 -0.3
O20A	White River Ci	25.42	341	P	P	03 05 43.0 +1.2
MSU	Maryvale	25.45	333	P	P	03 05 43.8 +1.7
SHOC	Shoshone, Tec	25.48	324	P	P	03 05 43.3 +1.2
N23A	Red Feather La	25.51	346	P	P	03 05 43.5 +0.8
V58A	Windy Hill, Pi	25.70	37	P	P	03 05 44.0 -0.1
EDW2	Edwards Air Fo	25.81	320	P	P	03 05 47.0 +1.8
SFIN	Lafayette	25.82	19	P	P	03 05 44.9 -0.2
SCIA	State Center	25.89	8	P	P	03 05 45.7 0.0
P49A	Miami Univ. Ec	25.91	24	P	P	03 05 45.3 -0.7
LRMC	Laurel Mtn Rad	26.02	321	P	P	03 05 48.4 +1.2
W60A	Pink Hill	26.05	40			

Table with columns: JCT, comp-Z, 6.0nm, 0.9s, pmax, pmax, 03 17 42.1 -0.2, etc. Lists various stations and their coordinates.

ASRS 12 03:20:50.9, 0.2, 52.1N, 195.9E, 0.9, h5km, ML4.6/16, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelId

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in Southwestern Siberia.

IDC 12 03:26:59.7, 5.2, 17.84S, 171.61W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.6/3, mbtmp4.0/3, Error ellipse: s-maj=311.3km s-min=38.3km az=5.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in Tonga Islands region.

IDC 12 03:44:16.6, 0.0, 6.30S, 147.17E, h0km, mb4.4/18, mb1 4.6/22, mb1mx4.5/33, mbtmp4.5/22, ML4.1/2, MS3.9/12, ms1 3.9/12, ms1mx3.6/35, Error ellipse: s-maj=17.6km s-min=9.8km az=11.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in Guinea Reg. P.N.G.

Table with columns: KRVT, comp-Z, 2.0nm, 19.0s, baz=269, slow=38, LR, LR, 03 47 33.1, etc. Lists stations in KRVT region.

ASRS 12 03:20:50.9, 0.2, 52.1N, 195.9E, 0.9, h5km, ML4.6/16, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelId

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in Southwestern Siberia (continued).

IDC 12 03:45:53.7, 1.6, 12.64N, 88.33W, h24km, 6km, ML4.6, MW4.6, mb4.6(NEIC)

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in America.

INET 12 03:45:54.3, 13.719N, 87.40W, h58km, MW4.0, IDC 12 03:45:54.2, 0.6, 12.85N, 88.03W, h77km, 5km, mb4.1/17, mb1 4.3/21, mb1mx4.1/38, mbtmp4.4/21, MS3.6/13, ms1 3.6/13, ms1mx3.4/39, Error ellipse: s-maj=20.9km s-min=9.8km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in America (continued).

Table with columns: GTA, comp-Z, 2.280nm, 17.8s, LR, LR, 03 47 33.1, etc. Lists stations in GTA region.

UCR 12 03:45:53.7, 1.6, 12.64N, 88.33W, h24km, 6km, ML4.6, MW4.6, mb4.6(NEIC)

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in America.

SNET 12 03:45:54.2, 1.1, 12.67N, 88.33W, h18km, 3km, ML4.7, NEIC 12 03:45:53.3, 0.2, 12.81N, 0.06, 88.12W, 0.04, h76km, 4km, mb4.6/30, M4.4.7(SNET), Error ellipse: s-maj=10.3km s-min=5.7km az=213.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in America.

CGC 12 03:46:03.3, 3.4, 13.39N, 88.71W, h0km, 999km, MD4.4, ISC 12 03:45:54.1, 0.5, 12.73N, 0.05, 88.18W, 0.04, h76km, 4km, n535, t1905/468, mb4.6/144, 6d, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations in America.

057A	Amberson	28.91	17	P	P	03 51 45.6 -0.3
N54A	Moraine State	29.03	13	P	P	03 51 46.9 -0.1
N54A	Moraine State	29.03	13	I	Amb	03 51 47.8
058A	Lewisberry	29.03	18	P	P	03 51 47.6 +0.5
K5C0	Kaye Sheddock	29.14	336	P	P	03 51 48.9 +0.7
K5C0	Kaye Sheddock	29.14	336	I	Amb	03 51 49.7
P60A	Greenville	29.16	20	P	P	03 51 48.2 +0.1
SSPA	Standing Stone	29.23	16	P	P	03 51 49.2 +0.4
SSPA	Standing Stone	29.23	16	P	P	03 51 48.6 -0.2
SSPA	Standing Stone	29.23	16	I	Amb	03 51 50.2
SDCO	Great Sand Dun	29.32	331	P	P	03 51 51.2 +1.2
L40A	Anamosa	29.34	355	I	Amb	03 51 50.5
M53A	WI Miller and	29.34	12	P	P	03 51 49.8 0.0
N56A	West Decatur	29.39	15	P	P	03 51 50.3 +0.1
059A	Robesonia	29.43	19	P	P	03 51 50.9 +0.3
N57A	Milroy	29.44	17	P	P	03 51 50.8 +0.1
M54A	Oil Creek Stat	29.62	13	P	P	03 51 51.9 -0.4
M54A	Oil Creek Stat	29.62	13	I	Amb	03 51 53.7
060A	Telford	29.69	20	P	P	03 51 52.8 0.0
AAM	Ann Arbor	29.72	7	P	P	03 51 52.6 -0.5
AAM	Ann Arbor	29.72	7	I	Amb	03 51 53.2
N58A	Sunbury	29.75	18	P	P	03 51 53.8 +0.3
N58A	Sunbury	29.75	18	I	Amb	03 51 55.8
061A	Allentown	29.78	21	P	P	03 51 53.5 -0.2
M55A	Ridgway	29.79	14	I	Amb	03 51 54.5
M56A	Emporium	29.95	15	P	P	03 51 55.0 -0.2
M56A	Emporium	29.95	15	I	Amb	03 51 55.6
LUPA	Lehigh Unvers	29.95	20	I	Amb	03 51 56.8
S22A	4UR Ranch, Cre	29.96	330	P	P	03 51 56.8 +1.1
S22A	4UR Ranch, Cre	29.96	330	P	P	03 51 57.0 +1.3
S22A	4UR Ranch, Cre	29.96	330	I	Amb	03 51 58.0
M57A	Sunshine Farm,	30.09	17	P	P	03 51 56.7 +0.3
N59A	State Game Lan	30.11	19	P	P	03 51 57.2 +0.6
N59A	State Game Lan	30.11	19	I	Amb	03 51 58.1
ERPA	Erie	30.13	12	P	P	03 51 56.6 -0.2
N60A	Cedar Hill Far	30.29	20	P	P	03 51 58.3 +0.2
M58A	Price's Panora	30.32	18	P	P	03 51 58.5 +0.1
MVCO	Mesa Verde	30.41	327	P	P	03 52 00.5 +0.8
MVCO	Mesa Verde	30.41	327	P	P	03 51 60.0 +0.3
N61A	South Mountain	30.46	21	P	P	03 52 00.0 +0.4
L56A	Greenwood	30.72	16	P	P	03 52 01.5 -0.6
L57A	Andrews Acres	30.79	17	P	P	03 52 02.5 -0.1
M59A	Waymart	30.79	19	P	P	03 52 02.8 +0.2
PAL	Palisades	30.82	21	P	P	03 52 02.9 0.0
M60A	Port Jervis	30.86	20	P	P	03 52 03.2 0.0
WUAZ	Wupatki	30.87	321	P	P	03 52 04.9 +1.2
ISCO	Idaho Springs	31.04	333	P	P	03 52 06.1 +0.9
L58A	Harry Jones Me	31.12	18	P	P	03 52 05.3 -0.1
I40A	Norwalk	31.12	357	I	Amb	03 52 06.2
M61A	Granite Spring	31.14	21	P	P	03 52 05.7 0.0
SMCO	Snowmass	31.16	331	P	P	03 52 07.4 +1.1
SMCO	Snowmass	31.16	331	I	Amb	03 52 08.5
BINY	Binghamton	31.22	18	P	P	03 52 06.3 0.0
ETMB	Extrema	31.27	135	eP	P	03 52 07.6 +0.5
PV02	Paradox Valley	31.28	328	I	Amb	03 52 09.8
K56A	Middlesex	31.31	16	P	P	03 52 07.3 +0.1
PV03	Paradox Valley	31.38	328	I	Amb	03 52 10.2
PV12	Saucer Basin,	31.40	328	P	P	03 52 09.5 +1.3
PV18	Skein Mesa, Pa	31.40	328	I	Amb	03 52 10.4
PV16	Nyswonger Mesa	31.45	328	I	Amb	03 52 10.8
PV19	Morning Glory	31.49	328	I	Amb	03 52 11.0
I37A	Lemond, Waseca	31.50	353	I	Amb	03 52 10.5
L59A	Walton	31.50	19	P	P	03 52 08.9 0.0
L59A	Walton	31.50	19	P	P	03 52 08.7 -0.1
L59A	Walton	31.50	19	I	Amb	03 52 10.0
PV20	West Nyswonger	31.50	328	I	Amb	03 52 11.1
K57A	Scipio Creek	31.56	17	P	P	03 52 09.3 0.0
PV14	Lion Creek, Pa	31.56	328	I	Amb	03 52 11.6
PV22	Blue Mesa, Pa	31.56	328	I	Amb	03 52 11.8
I51A	Listowel	31.57	10	P	P	03 52 09.1 -0.3
L60A	Shokan	31.58	20	P	P	03 52 09.2 -0.4
PV23	Carpenter Ridg	31.61	328	I	Amb	03 52 12.6
ECSD	EROS Data Cent	31.73	348	P	P	03 52 10.7 -0.2
ECSD	EROS Data Cent	31.73	348	P	P	03 52 09.8 -1.1
ECSD	EROS Data Cent	31.73	348	I	Amb	03 52 33.0
K58A	Earlville	31.84	18	P	P	03 52 11.3 -0.5
M63A	Gales Ferry	31.86	23	P	P	03 52 12.4 +0.4
PDMC	Parker Dam,Lak	31.89	317	P	P	03 52 13.5 +1.2
J56A	Wolcott	31.97	16	P	P	03 52 12.9 0.0
N23A	Red Feather La	32.09	334	P	P	03 52 14.7 +0.3
N23A	Red Feather La	32.09	334	I	Amb	03 52 19.4
BC3	Big Chuckawall	32.42	315	P	P	03 52 17.7 +0.6
G40A	Rib Lake	32.47	357	I	Amb	03 52 17.0
J58A	Remsen	32.49	18	P	P	03 52 17.3 -0.2
K61A	Williamstown	32.51	21	P	P	03 52 17.7 0.0
O20A	White River Ci	32.51	331	P	P	03 52 19.3 +1.3
L61B	Northampton	32.53	22	P	P	03 52 17.6 -0.2
SPMM	Marine on St.	32.62	354	P	P	03 52 16.7 -1.9

H53A	Bobcaygeon	32.78	13	P	P	03 52 19.4 -0.6
J59A	Piesco	32.82	19	P	P	03 52 21.8 +1.4
SADO	Sadowa	32.85	12	P	P	03 52 19.5 -1.2
SADO	Sadowa	32.85	12	I	Amb	03 52 20.5
SAML	Samuel	32.88	130	P	P	03 52 20.2 -1.0
SAML	Samuel	32.88	130	I	Amb	03 52 21.2
BELC	Belle Mtn. Jos	32.98	315	P	P	03 52 22.8 +0.6
LCMT	Little Creek M	32.99	321	P	P	03 52 23.7 +1.5
SZCU	Shurtz Canyon	33.28	322	P	P	03 52 25.5 +0.7
RWWY	Rawlins	33.28	334	I	Amb	03 52 27.0
F36A	Milaca	33.33	353	I	Amb	03 52 25.3
J62A	Henniker	33.52	22	P	P	03 52 27.0 +0.5
I60A	Shoreham	33.55	20	P	P	03 52 25.7 -1.0
MURC	Murieta	33.61	313	P	P	03 52 28.7 +1.2
G54A	Lake Saint Pet	33.67	13	P	P	03 52 27.3 -0.5
HEC	Hector,Ludlow	33.67	316	P	P	03 52 28.7 +0.7
E46A	Sault Ste Mari	33.69	5	P	P	03 52 29.1 +1.2
H58A	Gabriels	33.78	18	P	P	03 52 28.5 -0.3
K22A	Casper	33.79	335	P	P	03 52 29.6 +0.5
K22A	Casper	33.79	335	I	Amb	03 52 30.9
LONY	Lake Ozonia	33.84	18	P	P	03 52 28.7 -0.6
E38A	The Farm, Brul	33.88	356	I	Amb	03 52 29.1
RSSD	Black Hills	34.12	339	P	P	03 52 32.9 +1.0
RSSD	Black Hills	34.12	339	P	P	03 52 32.3 +0.4
RSSD	Black Hills	34.12	339	I	Amb	03 52 35.8
ALGO	Algonquin Park	34.21	13	P	P	03 52 31.6 -0.8
I62A	Tamworth	34.25	22	P	P	03 52 33.1 +0.3
JLU	Jordanelle	34.47	328	P	P	03 52 35.7 +0.7
TPNV	Topopah Spring	34.84	319	P	P	03 52 39.8 +1.6
DUG	Dugway, Tooele	34.90	326	P	P	03 52 39.8 +1.2
LRMC	Laurel Mtn Rd	34.95	315	P	P	03 52 40.5 +1.4
FURC	Furnace Creek,	34.95	318	P	P	03 52 40.7 +1.7
MPMC	Manual Prospec	35.14	316	P	P	03 52 42.0 +1.2
BW06	Boulder Array	35.19	332	P	P	03 52 41.3 0.0
BW06	Boulder Array	35.19	332	I	Amb	03 52 42.4
PD31	Pinedale Array	35.19	332	I	Amb	03 52 42.4
PDAR	Pinedale Array	35.19	332	P	P	03 52 41.5 +0.2
PDAR	Pinedale Array	35.19	332	P	P	03 55 09.9 -1.0
PDAR	Pinedale Array	35.19	332	P	P	03 55 31.1
PDAR	Pinedale Array	35.19	332	P	P	03 52 41.2 0.0
EYMN	Glynn	35.22	356	P	P	03 52 39.5 -1.6
F59A	Saint Guillaume	35.50	19	P	P	03 52 44.4 +0.9
GRAC	Grapevine Rang	35.59	318	P	P	03 52 46.3 +1.8
G62A	West of Eustis	35.70	22	P	P	03 52 45.2 -0.1
D55A	Sainte-Anne-du	35.81	15	P	P	03 52 45.9 -0.3
B35A	Bob, Littlefor	35.82	354	I	Amb	03 52 47.2
E58A	La Victoria	35.82	18	P	P	03 52 45.9 -0.4
PB16	IPOC Station P	35.95	149	P	P	03 52 50.1 +1.8
PB16	IPOC Station P	35.95	149	I	Amb	03 52 55.1
YES	Vestal, Richgr	36.11	315	P	P	03 52 50.5 +1.6
H65A	Eastbrook	36.13	24	P	P	03 52 48.8 -0.1
PKME	Peaks-Kenny Pk	36.20	23	P	P	03 52 49.5 +0.1
REDW	Red Top Meadow	36.25	332	P	P	03 52 51.1 +0.8
MDND	Maddock	36.29	347	P	P	03 52 50.2 0.0
MMNC	Minnye Minnye	36.58	150	P	P	03 52 55.6 +2.2
MMNC	Minnye Minnye	36.58	150	I	Amb	03 52 58.9
H66A	Whiting	36.59	25	P	P	03 52 51.9 -0.9
D58A	Chemin du LacG	36.59	18	P	P	03 52 52.7 -0.2
ELK	Elko	36.62	325	LR	LR	04 09 34.9
FLWY	Flagg Ranch	36.74	333	P	P	03 52 55.1 +0.6
LATQ	La Tuque	36.86	17	P	P	03 52 54.5 -0.7
LATQ	La Tuque	36.88	17	I	Amb	03 52 55.7
H17A	Grant Village	36.93	333	P	P	03 52 56.9 +0.8
H17A	Grant Village	36.93	333	I	Amb	03 53 00.3
NV11	Mina Array Sit	36.93	319	P	P	03 52 57.6 +1.5
RLMT	Red Lodge	36.95	335	P	P	03 52 56.5 +0.3
LKWY	Lake	36.98	333	I	Amb	03 52 59.2
NVAR	Mina Array Bea	37.02	319	P	P	03 52 57.5 +0.6
NVAR	Mina Array Bea	37.02	319	I	Amb	03 53 16.6 +1.5
NVAR	Mina Array Bea	37.02	319	P	P	03 55 17.6 +1.1
NVAR	Mina Array Bea	37.02	319	I	Amb	03 55 38.8 +1.9
D60A	Saint Jean D'O	37.04	20	P	P	03 52 56.6 0.0
LHV	Little Huntoon	37.05	319	I	Amb	03 53 00.3
LAO	LASA Array	37.11	339	P	P	03 52 57.6 +0.2
LAO	LASA Array	37.11	339	I	Amb	03 53 18.9
G001	Chumizma	37.23	150	P	P	03 53 01.2 +2.1
G001	Chumizma	37.23	150	I	Amb	03 53 27.0
LSOQ	Lebel-sur-Quev	37.39	12	P	P	03 52 59.2 -0.4
E63A	Oxbow	37.50	23	P	P	03 53 00.5 -0.1
VILB	Vilhena	37.70	132	eP	P	03 53 02.4 -0.2
E64A	Bridgewater	37.72	23	P	P	03 53 01.9 -0.6
D62A	Allagott, All	37.83	21	P	P	03 53 03.0 -0.3
MATO	Matagami	37.93	11	P	P	03 53 03.0 -1.1
ULM	Lac du Bonnet	37.94	352	P	P	03 53 02.6 -1.6
ULM	Lac du Bonnet	37.94	352	LR	LR	04 09 26.7
DGMT	Dagmar	38.04	343	P	P	03 53 05.5 +0.4
DGMT	Dagmar	38.04	343	P	P	03 53 04.3 -0.8
NPBG	Novo Progresso	38.08	319	eP	P	03 53 06.3 +0.5
HLID	Hailey	38.13	329	P	P	03 53 06.9 +0.7
HLID	Hailey	38.13	329	I	Amb	03 53 09.4
D63A	Stockholm	38.13	22	P	P	03 53 06.4 +0.1

BOZ	Bozeman (W)	38.33	333	P	P	03 53 08.7 +0.9
MFID	Camas Ranch	38.76	327	P	P	03 53 11.5 +0.1
SIV	San Ignacio	39.16	136	P	P	03 53 15.0 +0.2
SIV	San Ignacio	39.16	136	P	P	03 55 23.2 +0.1
EGMT	Eastgate	39.52	337	P	P	03 5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ESDC, RAR, ADK, ARCES, etc.

IDC 12 03:49:10.4, 1.9, 20.12N, 87.25W, h0km, mb3.8/4, mb1 4.1/7, mb1mx3.8/36, mbtmp3.9/7, ML4.0/3, MS3.5/1, MS1 3.6/1, ms1mx2.7/36, Error ellipse: s-maj=4.7km

NEIC 12 03:49:14.4, 2.6, 20.233N, 0.09, 87.43W, h15km, 6km, mb4.0/20, MD4.2/10(MEX), Error ellipse: s-maj=12.5km

MEX 12 03:49:16.9, 0.7, 20.325N, 87.51W, h5km, MD4.2, s-maj=6.2km az=168.0

ISC 12 03:49:13.7, 0.6, 20.35N, 0.06, 87.45W, h10km, n75, s195/80, mb4.1/5, Yucatan Peninsula

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARCES, TORD, WRA, ASAR.

NEIC 12 04:02:48.9, 2.9, 7.38N, 0.08, 83.4W, 0.1, h16km, 6km, mb4.4/5, Mw4.4(UCR), Error ellipse: s-maj=18.2km

UCR 12 04:02:55.9, 1.8, 8.32N, 82.99W, h5km, MW4.5, UPA 12 04:02:55.7, 2.3, 8.38N, 82.93W, h1km, 4km, MW4.5

IDC 12 04:03:02.7, 6.8, 8.77N, 86.69W, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.7/37, mbtmp3.9/6, ML3.6/1, Error ellipse: s-maj=138.7km s-min=31.6km az=163.0

ISC 12 04:02:55.3, 1.0, 8.30N, 0.04, 82.99W, 0.02, h14km, 6km, n79, s193/109, mb4.2/7, 7C-17D, Panama-Costa Rica

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

ISC 12 04:07:23.4, 0.6, 3.68S, 0.06, 141.48E, 0.08, h33km, n48, s170/49, mb4.5/7, MS3.4/4, New Guinea

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

IDC 12 04:18:51.9, 16.0, 28.75N, 144.05W, h0km, mb3.6/4, mb1 4.0/4, mb1mx3.5/40, mbtmp3.6/4, Error ellipse: s-maj=369.0km s-min=95.1km az=146.0, Northern Mid-Atlantic Ridge

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

IDC 12 04:34:48.4, 17.0, 17.24S, 176.42W, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.7/24, mbtmp3.9/3, Error ellipse: s-maj=427.1km s-min=48.0km az=36.0, Fiji Islands region

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

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

RSPR 12 04:41:01.0, 17.86N, 68.34W, h90km, 3km, MD3, 4/12
NEIC 12 04:41:01.4, 2.1, 17.9N, 0.2-68.30W, 0.4, h80km, 23km,
Error ellipse: s-maj=28.2km s-min=4.8km az=186.0

ISC 12 04:41:01.2-1.9, 17.9N, 0.2-68.33W, 0.07, h80km, 22km,
n39, c084/49, 12C, Mon Passage

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 12 04:53:30.4, 1.5, 29.45N, 133.55E, h0km, mb3.4/3,
mb1 3.8/4, mb1mx3.4/35, mbtmp3.7/4, ML4.1/1, Error
ellipse: s-maj=44.5km s-min=30.7km az=83.0

ISC 12 04:54:02.9, 3.0, 30.40N, 138.64E, h397km, M3.4
ISC 12 04:54:03.6, 1.3, 30.4N, 0.1-138.8E, 0.2, h400km, n10,
r124, 110, mb2.9/3, Southeast of Honshu

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like BSO1, JHU, etc.

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

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

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

JMA 12 04:59:22.4, 0.1, 26.14N, 126.52E, h75km, 1km, M4.2
JMA Feit II J1.
NIED 12 04:59:22.4, 26.14N, 126.52E, h75km, MW4.2, Moment
Tensor Solution, s3 Moment tensor: Scale 10^19Nm

Mn: 1.77, Mw: 0.01, Mb: -1.78, Ms: -0.54, Mv: -0.34, Mw: 0.31;
Fault plane solution: M1: 9100x10^15 NP1;
c=354.00000; s1: 0.00000; b: 689.00000; NP2;
c=207.00000; s2: 0.40000; b: 1.15.00000

NEIC 12 04:59:23.2, 2.3, 26.10N, 0.08-126.61E, 0.07, h81km, 6km,
mb4.5/35 Error ellipse: s-maj=11.6km s-min=8.0km
az=158.0

IDC 12 04:59:23.6, 3.0, 26.12N, 126.40E, h87km, 27km, mb3.8/14,
mb1 3.9/17, mb1mx3.7/48, mbtmp4.1/17, MSZ.8/4,
Ms1 2.8/4, ms1mx2.6/41, Error ellipse: s-maj=23.5km
s-min=12.3km az=74.0

ISC 12 04:59:22.9, 0.6, 26.12N, 126.55E, 0.05, h79km, 6km,
n83, c1912/105, mb4.329, Ryukyu Islands

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like JOGS, JM2J, etc.

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

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like JM2J, TATO, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

mb4.1/22, Error ellipse: s-maj=16.9km s-min=13.1km
az=105.0

ISC 12 05:04:43.4, 0.5, 46.73N, 0.05:144.97E, 0.06, h384km, 6km,
n128, c1963/144, mb3.7/35, 9C-ID, Sea of Okhotsk

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SKHL 12 05:04:42.1, 1.4, 46.87N, 145.15E, h384km, 15km,
mb4.9/18, msh4.5/3

MOS 12 05:04:43.1, 0.8, 46.95N, 144.83E, h387km, mb3.6/8, Error
ellipse: s-maj=10.9km s-min=7.4km az=77.5

IDC 12 05:04:44.6, 1.2, 46.96N, 144.83E, h389km, 13km,
mb3.2/18, mb1 3.4/25, mb1mx3.3/42, mbtmp3.9/25, Error
ellipse: s-maj=12.1km s-min=9.8km az=142.0

JMA 12 05:04:44.7, 0.5, 46.84N, 145.03E, h399km, M4.0
NEIC 12 05:04:44.1, 1.6, 46.86N, 0.09:144.8E, 0.2, h383km, 7km,

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

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

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

Table with columns: ILAR, Eielson Array, 40.05 38 P, P, 05 11 42.0 -0.4, etc. Includes various station names like MK31, MAKZ, MAKZ, etc.

Table with columns: PRHZ, Waipukurau, 0.45 34 S, S, 05 13 02.3 +0.9, etc. Includes various station names like WPHZ, WPHZ, Pukenui, etc.

Table with columns: WVV, Waitaha Valley, 4.81 235 P, Pn, 05 13 54.9 +0.4, etc. Includes various station names like RPZ, RPZ, RPZ, etc.

WEL 12 05:12:00.40:38S:176.06E, h15km, ML4.4, Mw4.3, Moment Tensor Solution, s3 Moment tensor: Scale 1015 Nm, Mn:0.35; M0:0.24; M0:0.59; M1:0.03; M0:0.90; Mw:2.55; Fault plane solution: M2.740000*1015 NP1: 0.255.00000*, 0.200000*, 1.166.00000*. NP2: 0.359.00000*, 0.85.00000*, 1.71.00000*. Principal axes: T -206.1900, P1g47.0000, Azm250.0000; N 23.7000, P1g19.0000; Azm1.0000; P 202.4900, P1g37.0000, Azm106.0000

IDC 12 05:12:38.9.1.3, 40.533S:176.22E, h0km, ML4.6/4, mb1 4.8/4, mb1mx4/219, mbtmp4.6/4, ML3.5/2, MS3.3/2, Ms1 3.3/2, ms1mx2/124 Error ellipse: s-maj=43.6km s-min=17.4km az=191.0

DDA 12 05:32:16.5, 37.10N:36.91E, h7km, 1km, ML2.5 ISK 12 05:32:16.3, 37.13N:36.78E, h9km, ML2.5/12 ISC 12 05:32:16.0, 37.11N:03.3679E:0.03, h10km, 7km, n24, c0559Z, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HAZ Pakihiroa, PKGZ Puketiti, RAGZ Raukumara Rang, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PETR Petresti, GRRR Girov, MTUR Matau, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GRRR Girov, MTUR Matau, TIRR Tirgusor, etc.

NNC 12 05:59:51.6z, 2.1, 54.11N, 86.50E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=18.2km s-min=9.2km az=17.0, Suspected Mining explosion.

IDC 12 05:59:52.1z, 2.5, 54.15N, 86.54E, h0km, mb1.3/2.2, mb1mx2.9/5.9, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=19.5km s-min=12.2km az=57.0

ISC 12 05:59:53.6z, 4.0, 54.11N, 86.33E, 0.2, h0km, m9, r101/15, 6C-8D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA 0.91 260, ZAAO Zalevovo Array 0.91 260, ZAAO Zalevovo Beam 0.91 260, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLR Muntele Rosu 0.79 265, MLR Muntele Rosu 0.79 265, MLR Muntele Rosu 0.79 265, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KIS Kishinev 1.88 40, PRAR RASCA 1.88 343, PRAR RASCA 1.88 343, etc.

IDC 12 06:07:33.7z, 7.1, 21.14S, 179.82W, h0km, mb4.0/2, mb1.4/3.2, mb1mx3.6/2.5, mbtmp4.0/2, Error ellipse: s-maj=304.0km s-min=67.8km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAR Alice Springs 42.71 258, WRA Warramunga Arr 42.83 263, AKASG Malin Array Be 142.72 329, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TPGR Topolog 1.20 126, TPGR Topolog 1.20 126, TPGR Topolog 1.20 126, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSV Kosov 3.06 334, JMB Yambol 3.12 186, RAKU Rahiv 3.16 322, etc.

SOF 12 06:08:24.5z, 45.88N, 27.02E, h13km, MD4.3, BEO 12 06:08:25.2z, 0.7, 45.54N, 27.35E, h0km, ML4.1/15, PRU 12 06:08:27.6z, 0.0, 46.23N, 27.52E, h0km, M4.4, MOS 12 06:08:28.4z, 0.8, 45.53N, 26.97E, h21km, mb4.4/9, Error ellipse: s-maj=6.2km s-min=4.3km az=119.8, IDC 12 06:08:29.6z, 1.4, 45.49N, 27.03E, h23km, 10km, mb3.7/12, mb1.3/9/22, mb1mx3.7/4.8, mbtmp3.9/22, ML3.8/10, MS3.2/2, Ms1.3/2.2, ms1mx2.6/5.0, Error ellipse: s-maj=9.4km s-min=6.9km az=23.0, NEIC 12 06:08:30.9z, 2.2, 45.54N, 27.03E, 0.03, h27km, 5km, Error ellipse: s-maj=3.8km s-min=3.0km az=173.0, SIGU 12 06:08:30.4z, 45.54N, 27.01E, h22km, BUC 12 06:08:31.2z, 0.2, 45.54N, 27.05E, h19km, 1km, m4.2/60, Error ellipse: s-maj=1.4km s-min=1.2km az=21.0, ISC 12 06:08:30.1z, 0.6, 45.57N, 27.06E, 0.01, h25km, 4km, n445, r163/61/7, mb4.0/23, 113C-167D, Romania

12d 6h

2015 JAN

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Main data table containing station names, call signs, frequencies, and coordinates. Includes stations like MEZ, BZS, MDVR, etc., and their respective details.

Code Station Name ... Time Res ...
146RU ZALESOVO INFRA 1.24 264 i Op ISC h m s ISC
bazz=79,slow=324,SNR=1.6

12d 7h

Table with columns: ID, Name, Comp, Time, Pos, Status, Date, Time, Pos, Status, Date, Time, Pos, Status. Includes entries like V48A Smith Brothers, GLAT Glass, R6RS Roger Stewart, etc.

2015 JAN

Table with columns: TUC Tucson, SDV Santo Domingo, W58A Raeford, etc. Includes entries like TUC Tucson, SDV Santo Domingo, W58A Raeford, etc.

560

Table with columns: S22A 4UR Ranch, N38A Joes South, HDIL Hopedale, etc. Includes entries like S22A 4UR Ranch, N38A Joes South, HDIL Hopedale, etc.

Table with columns: TXK, Tecate, 27.13 313, P, Iamb, 08 03 01.2 -1.4, 08 03 26.4, BW06, Mcherson Peak, 30.63 314, P, P, 08 03 36.2 +2.3, etc.

Table with columns: BW06, Mcherson Peak, 30.63 314, P, P, 08 03 36.2 +2.3, Vestal, Richgr, 30.66 316, P, P, 08 03 36.5 +2.6, etc.

Table with columns: MACA, Manacapura-AM, 37.24 117, eP, P, 08 04 29.7 -1.4, Terreboune, OR, 37.29 326, P, P, 08 04 32.8 +1.6, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes entries like DAWY Dawson, VRDI Verde Repeater, RAGM Ragged Mtnai, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes entries like TTA Tatalina, IMAR Indian Mountain, TIVO Tiare, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes entries like KEST Kesra, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MAW, LZH, XAN, CASY, etc.

VAO 12 07:57:44.6 ± 1.4, 20:47S; 69:75W, h10km, mb4.6
NEIC 12 07:58:02.5 ± 2.0, 20:50S; 0:04-68.82W, 0:07, h111km, 2km, Error ellipse: s-maj=10.2km s-min=5.9km az=96.0

IDC 12 07:58:03.0 ± 0.7, 20:51S; 68.80W, h113km, 6km, mb3.77, m1 3.9/10, mb1mx3.6/3.3, mbtmp4.1/0.9, MS3.6/1, M1 3.6/1, ms1mx2.6/4.0, Error ellipse: s-maj=53.0km s-min=15.9km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IPOC, CHUSMIZA, HUMBSTONE, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like GO03, SIV, GO04, CO03, etc.

UPA 12 08:07:06.7 ± 2.4, 8:35N; 82:94W, h5km, 5km, MW4.6
UCR 12 08:07:06.5 ± 1.6, 8:29N; 83:01W, h5km, MW4.3

ISC 12 08:07:06.8 ± 1.0, 8:29N; 0:02-82.98W, 0:02, h15km, 6km, n58, c137/82, 2C-17D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CCOL, CDITO, CARATE, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NEIC, IDC, NOU, YATNC, etc.

IDC 12 08:11:56.4 ± 2.6, 53:61N; 86:90E, h0km, mb1.2/6.2, mb1mx2.6/5.0, mbtmp2.6/2.2, ML2.3/2, Error ellipse: s-maj=23.3km s-min=13.1km az=75.0, Southwestern Siberia

DJA 12 08:18:23.5 ± 1.1, 3°S; 6°E; 12°9'E, h32km, 20km, M3.7/6, MLV3.7/6

IDC 12 08:19:24.8 ± 3.1, 3:09S; 129:66E, h0km, mb4.1/2, mb1 4.2/5, mb1mx3.8/3.2, mbtmp4.1/5, ML3.9/3, Error ellipse: s-maj=67.9km s-min=17.0km az=99.0

NEIC 12 08:18:29.7 ± 2.7, 3:05S; 0:02-129.25E, 0:04, h51km, 25km, mb4.1/1.0, Error ellipse: s-maj=23.9km s-min=4.8km az=183.0

ISC 12 08:18:26.5 ± 1.0, 2:88S; 0:07-129:27E, 0:08, h28km, n23, c198/26, Seram

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like I46RU, ZALV, ZALV, KURBB, etc.

IDC 12 08:48:36.0 ± 0.8, 59:28N; 147:32E, h0km, mb3.7/9, mb1 3.9/12, mb1mx3.7/4.4, mbtmp3.8/1.2, ML3.8/3, Error

ellipse: s-maj=23.7km s-min=11.6km az=164.0
NEIC 12 08:48:37.8, 1.8, 59.4N, 0.1, 146.94E, 0.06, h10km, 2km,
mb4.3/8, Error ellipse: s-maj=23.3km s-min=4.6km
az=172.0

NERS 12 08:48:37.7, 0.0, 59.60N, 147.12E, h14km, Felt I-II MSK
at Magadan(202km), Snezhnyj(212km)

ISC 12 08:48:38.9, 1.2, 59.51N, 0.04, 147.34E, 0.03, h17km, 8km,
n39, c209/58, mb3.6/13, 2D, Eastern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: REME3, Loco3, CCOL, BAGA3, PIRA3, PONU3, GUAL3, CDITO, CDITO, PTJ1, PTAR3, BCO2, BCO2, CNAZ3, BRU2, MLIR3, BC3P, RIOS, EDSV, AZU, EDPN, POTG, EDBA, DRKO, DRKO, EDLM, EDLM, PNME, PNME, PEZE, VTON, VTON, RIMA, LCR2, ZANG, ZANG, CHOR3, CHOR3, BATAN, CVTR, JACO, JACO, SJS, HDC, UPA, LAFE, SRA1, JTS, JTS, ARE1, COVE, PLVR, ORTO, SOLC, RIMA, PLMC, CBOC, YOTC, BBAC, HELC, HELC, RREF, ANIL, MARA, MONT, MONT, TORC, ORTO, PTBC. Lists station names and associated data.

NNC 12 09:21:37.9, 2.4, 40.80N, 70.27E, h0km, mb3.4, mpv3.1,
Error ellipse: s-maj=18.3km s-min=11.3km az=42.0

SOME 12 09:21:38.3, 41.00N, 70.32E, h0km
KRNET 12 09:21:38.6, 0.1, 41.01N, 70.26E, h15km, mb2.6
ISC 12 09:21:40.1, 1.1, 41.00N, 0.03, 70.39E, 0.03, h17km, 11km,
n19, c210/36, 19C-6D, Kyrgyzstan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

IDC 12 09:39:55.9, 3.0, 53.53N, 87.85E, h0km, mb1.3, 0.2,
mb1mx2.9/40, mbtmp3.02, ML2.7/2, Error ellipse:
s-maj=25.5km s-min=15.0km az=62.0

NNC 12 09:39:55.2, 5.0, 53.33N, 87.88E, h0km, mb3.1, mpv2.7,
Error ellipse: s-maj=38.2km s-min=25.8km az=66.0,
Suspected Mining explosion.

ISC 12 09:39:56.3, 2.0, 52.31N, 0.06, 86.5E, 0.1, h0km, n7,
c2900/11, 6C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

IDC 12 09:40:21.5, 0.6, 56.56S, 150.52W, h0km, mb4.2/9,
mb1 4.3/9, mb1mx4.2/24, mbtmp4.1/9, MS3.7/4, Ms1 3.6/4,
ms1mx3.3/18, Error ellipse: s-maj=25.9km s-min=19.6km
az=7.0

NEIC 12 09:40:22.9, 1.1, 56.4S, 0.2, 150.6W, 0.2, h10km, 1km,
bz=34.0, Error ellipse: s-maj=34.5km s-min=16.2km
az=34.0

ISC 12 09:40:23.1, 0.6, 56.6S, 0.2, 150.6W, 0.1, h10km, n55,
c098/33, mb4.5/15, MS3.7/7, 1C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

12d 11h

N63A	baz=199	0.88	213	P	Pg	11 36 54.5	-0.5
YLE	baz=31	0.89	243	Pg	Sg	11 36 55.1	-0.1
YLE	baz=1	11 37 07.1	+0.3	Pg	Sg	11 36 55.5	-0.5
L61B	Northampton baz=140,SNR=309	0.93	321	P		11 36 55.4	
L61B	Northampton baz=140,SNR=273	0.94	100	P	Pg	11 36 56.2	0.0
M65A	Busby, Falmout baz=282,SNR=88	0.94	100	P	Pg	11 36 56.2	0.0
M65A	Busby, Falmout baz=165,SNR=342	0.97	345	P	Pg	11 36 56.2	-0.5
K62A	Royalston baz=165,SNR=282			P		11 36 56.1	
K62A	baz=165,SNR=282			S		11 37 09.1	
K62A	baz=165			S		11 37 09.1	
K63A	baz=165			S		11 37 09.1	
K63A	Dunstable baz=196,SNR=149	1.00	15	Pg		11 36 56.6	-0.6
K63A	baz=196			Sg		11 37 09.6	-0.6
KSCT	Kent School, K	1.20	270	Sg		11 37 00.6	-0.1
KSCT	baz=291			Pb		11 37 15.0	-1.1
WSPT	Westport, CT	1.22	243	Sg		11 37 01.1	+0.1
WSPT	baz=259			Pb		11 37 15.9	-0.9
L61A	Hillsdale 1, H baz=109,SNR=298	1.33	291	P	S	11 37 02.3	-0.2
L61A	baz=109			S		11 37 19.6	-0.4
K61A	Williamstown baz=132,SNR=152	1.39	313	P	Pn	11 37 03.1	-0.3
K61A	baz=132			S		11 37 21.3	-0.6
M66A	Nantucket baz=291	1.40	109	P	Pn	11 37 03.4	-0.1
L65A	Cape Cod Natio baz=259	1.40	77	P	Pn	11 37 03.5	-0.1
N62A	Caumsett State baz=55	1.43	237	P	Pn	11 37 03.5	-0.4
N62A	baz=55			S		11 37 23.1	+0.4
N62A	Caumsett State baz=55,SNR=120	1.43	237	P	Pn	11 37 04.1	
N62A	baz=55,SNR=120			S		11 37 04.1	
N62A	baz=55			S		11 37 23.2	
N62A	baz=55			S		11 37 23.2	
M61A	Granite Spring baz=72,SNR=404	1.47	254	P	Pn	11 37 04.1	-0.4
M61A	baz=72			S		11 37 24.3	+0.5
J62A	Henniker baz=192,SNR=110	1.50	2	P	Pn	11 37 04.7	-0.2
UNH	University of baz=210,SNR=116	1.56	29	P	S	11 37 05.9	
UNH	baz=210			S		11 37 26.0	
BRNY	Black Rk. Fore baz=77	1.62	260	P	S	11 37 07.0	
BRNY	baz=77			S		11 37 28.2	
TRY	Troy baz=126	1.66	308	P	Pn	11 37 07.5	+0.4
TRY	baz=126			P		11 37 07.5	
TRY	baz=126			S		11 37 29.2	
J63A	Strafford baz=202,SNR=99	1.66	21	P	Pn	11 37 06.9	-0.2
PAL	Palisades baz=63,SNR=222	1.68	245	P	Pn	11 37 07.1	-0.2
PAL	Palisades	1.68	245	Pn	Pn	11 37 07.2	-0.2
PAL	Palisades baz=63,SNR=143	1.68	245	Pn	Pn	11 37 07.1	
PAL	baz=63			S		11 37 30.0	
NPNY	Mohon Preserv baz=90	1.69	272	P	S	11 37 07.7	
NPNY	baz=90			S		11 37 30.6	
J61A	Chester baz=163,SNR=32	1.69	343	P	Pn	11 37 07.4	-0.1
J61A	Chester baz=163,SNR=23	1.69	343	P	Pn	11 37 07.5	
J61A	baz=163,SNR=23			P		11 37 07.5	
K60A	Five Rivers En baz=120,SNR=40	1.73	301	P	Pn	11 37 08.6	+0.5
FOR	Fordham baz=59,SNR=17	1.74	241	P	S	11 37 09.0	
FOR	baz=59			S		11 37 31.8	
FFD	Franklin Falls Shokan baz=97,SNR=206	1.75	6	P	Pn	11 37 08.7	+0.4
L60A	baz=97	1.76	279	P	Pn	11 37 08.7	+0.1
L60A	baz=97,SNR=206			S		11 37 31.4	+0.5
CPNY	Central Park Table Rock, Ra Lant Hill Farm baz=143,SNR=68	1.82	240	Pn	Pn	11 37 09.5	+0.2
CPNY	baz=143,SNR=68	1.85	252	Pn	Pn	11 37 09.4	-0.3
J60A	baz=143	2.00	352	P	Pn	11 37 12.4	-0.2
NH6A	South Mountain baz=60	2.06	243	P	Pn	11 37 12.4	-0.2
M60A	Port Jervis baz=77,SNR=240	2.09	260	P	Pn	11 37 13.6	+0.5
HCNY	Howe Caverns baz=116,SNR=65	2.11	298	P	Pn	11 37 14.0	
ACCN	Adirondack Com baz=141,SNR=16	2.14	253	P	Pn	11 37 14.2	
ODNJ	Ogdensburg Ogdensburg baz=71,SNR=70	2.14	253	P	Pn	11 37 14.0	+0.2
I62A	Tamworth baz=191,SNR=66	2.18	11	P	Pn	11 37 14.5	+0.2
I62A	Tamworth baz=191,SNR=57	2.18	11	Pn	Pn	11 37 15.1	+0.8
I62A	baz=191,SNR=57			P		11 37 14.6	
I61A	Oroboro, Fairl baz=174	2.21	354	P	Pn	11 37 14.6	-0.1
I60A	Shoreham baz=154,SNR=23	2.35	334	P	Pn	11 37 17.0	+0.4
MCVT	Middlebury Col baz=160,SNR=13	2.37	340	P	Pn	11 37 17.1	
L59A	Walton baz=100,SNR=105	2.40	282	P	Pn	11 37 17.8	+0.5
L59A	Walton baz=100,SNR=85	2.40	282	P	Pn	11 37 18.0	+0.7
L59A	baz=100,SNR=85			P		11 37 17.9	
K59A	baz=100,SNR=85	2.44	296	P	Pn	11 37 18.3	+0.5
LBNH	Cooperstown baz=114,SNR=109	2.51	359	Pn	Pn	11 37 19.1	+0.3
LBNH	Lisbon	2.51	359	PN	Sb	11 37 52.4	-1.7
LBNH	Lisbon	11 38 02.0		LG	Lg	11 38 02.0	
LBNH	comp=Z,40nm,0.1s	11 38 03.6		Trac		11 38 03.6	
LBNH	Lisbon	2.51	359	P	Pn	11 37 18.9	+0.1
LBNH	Lisbon baz=180,SNR=8.7	2.51	359	P	Pn	11 37 19.2	+0.4
LBNH	Lisbon baz=180	2.51	359	P	Pn	11 37 19.2	
I63A	Otisfield baz=203,SNR=32	2.51	22	P	Pn	11 37 19.1	+0.3
I63A	baz=203			S		11 37 50.3	+0.9
I63A	Otisfield baz=203,SNR=32	2.51	22	Pn	Pn	11 37 19.4	+0.6
I63A	Otisfield baz=203,SNR=32	2.51	22	P	Pn	11 37 19.2	
I63A	baz=203,SNR=32			P		11 37 19.2	
PANJ	Princeton baz=56,SNR=17	2.52	239	P	Pn	11 37 19.5	
N60A	Cedar Hill Far baz=69,SNR=16	2.57	252	P	Pn	11 37 20.0	+0.4

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J59A	Piesco baz=131,SNR=24	2.60	313	P	Pn	11 37 20.6	+0.6
J59A	Piesco	2.60	313	P	Pn	11 37 20.8	+0.8
J59A	Piesco baz=131,SNR=17	2.60	313	P	Pn	11 37 21.0	
J59A	baz=131,SNR=17			P		11 37 21.0	
O61A	Allentown baz=50	2.60	232	P	Pn	11 37 19.8	-0.1
O61A	baz=50			Sb	Sb	11 37 57.0	+0.5
M59A	Waymart baz=84,SNR=36	2.66	267	P	Pn	11 37 21.7	+0.8
VT1	Warbury	2.68	347	Pn	Pn	11 37 22.2	+1.1
I64A	Boothbay baz=218,SNR=25	2.75	36	P	Pn	11 37 21.9	-0.1
I64A	baz=218			S	S	11 37 54.7	-0.5
H61A	Lyndenville baz=180,SNR=22	2.80	359	P	Pn	11 37 23.1	+0.2
NCB	Newcomb	2.82	323	PN	Pn	11 37 23.8	+0.7
NCB	NCB	11 37 59.3	+2.1	SN	Trac	11 38 07.7	
NCB	NCB	11 38 11.3		LG	Lg	11 38 11.3	
NCB	Newcomb	2.82	323	Pn	Lg	11 37 23.8	+0.7
NCB	NCB	11 37 59.3	+2.1	SN	Trac	11 38 07.7	
NCB	NCB	11 37 23.7		S		11 37 23.7	
H60A	Morristown baz=168	2.89	348	P	Pn	11 37 24.3	+0.2
H62A	Milan baz=191	2.89	10	P	Pn	11 37 24.6	+0.5
H62A	Milan	2.89	10	Pn	Iamb_Lg	11 37 24.9	+0.8
H62A	comp=Z,92nm,1.1s	2.89	10	P		11 38 16.8	
H62A	Milan baz=191	2.89	10	P		11 37 24.8	
H62A	baz=191			P		11 37 25.2	
KSPA	Keystone Colle	2.91	268	P		11 37 25.2	
TUPA	Temple Univer baz=56	2.94	239	P		11 37 25.7	
L58A	Harry Jones Me baz=94,SNR=57	2.98	277	P	Pn	11 37 25.4	+0.2
K58A	Earville baz=109,SNR=81	2.98	292	P	Pn	11 37 25.6	+0.3
K58A	Earville	2.98	292	P	Pn	11 37 25.8	+0.6
K58A	Earville	2.98	292	P	Pn	11 37 25.9	
O60A	Telford baz=60,SNR=41	3.01	243	P	Pn	11 37 25.8	+0.1
P61A	Hammonton	3.01	228	Pn	Pn	11 37 25.7	0.0
N59A	State Game Lan baz=73,SNR=33	3.03	256	P	Pn	11 37 26.3	+0.3
N59A	State Game Lan	3.03	256	Pn	Iamb_Lg	11 37 26.9	+0.9
N59A	comp=Z,126nm,0.7s	3.03	256	P		11 38 19.2	
N59A	State Game Lan baz=73,SNR=26	3.03	256	PN	Pn	11 37 26.6	
BINY	Binghamton	3.09	280	PN	Pn	11 37 27.6	+0.8
BINY	BINY	11 38 01.2	-2.6	SN	Trac	11 38 15.6	
BINY	BINY	11 37 27.1	+0.1	LG	Lg	11 37 27.1	
BINY	Binghamton	3.09	280	P	Pn	11 37 27.9	+1.1
BINY	Binghamton	3.09	280	P	Pn	11 37 27.8	
PSWB	Penn State Wil baz=89	3.13	264	P		11 37 28.3	
H58A	Gabriels baz=147,SNR=12	3.17	329	P	Pn	11 37 28.4	+0.5
H59A	Cadyville baz=152,SNR=8.9	3.20	336	P	Pn	11 37 28.3	0.0
PSUB	Penn St. - Bra	3.25	238	Pn	Iamb_Lg	11 37 29.8	+0.9
PSUB	PSUB			P		11 38 28.0	
WVL	Waterville comp=Z,110nm,0.7s	3.27	29	Pn	Iamb_Lg	11 37 30.0	+0.8
WVL	WVL			Pn	Iamb_Lg	11 38 19.7	
FRNY	Flat Rock comp=Z,99nm,0.8s	3.34	339	PN	Pn	11 37 30.8	+0.5
FRNY	FRNY	11 38 13.8	+3.8	SN	Lg	11 38 26.9	
FRNY	FRNY	11 38 26.9		LG	Lg	11 38 26.9	
FRNY	FRNY	11 38 28.4		Trac		11 37 30.6	
FRNY	FRNY	11 37 30.6		P		11 37 30.6	
G60A	Masonville baz=158,SNR=13	3.38	355	PN	Pn	11 37 31.8	+0.9
G60A	Masonville	11 38 17.0	+3.1	SN	Trac	11 38 24.7	
G60A	comp=Z,59nm,0.3s			Trac		11 38 24.7	
G60A	Masonville	3.38	355	LG	Lg	11 38 31.1	+0.6
G60A	Masonville baz=174,SNR=17	3.43	237	P	Pn	11 37 31.3	-0.1
P60A	Greenville baz=54	3.43	237	P	Pn	11 37 31.7	+0.3
P60A							

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PET	comp=Z,3um,17.0s	MLR	MLR		
PET	comp=Z,2um,17.0s	MLR	MLR		
HIA	Hailar	21.16 316	P	P	12 43 52.5 +1.9
HIA	comp=Z,23nm,0.9s		P	P	
HIA	Hailar	21.16 316	P	P	12 43 52.5 +1.9
GUMO	Guam	22.24 173	LR	LR	12 55 02.3
WHN	comp=Z,364nm,20.1s, baz=348,slow=43		P	P	12 44 16.5 -1.1
WHN	Wuhan	23.74 285	S	S	12 48 29.3 -2.3
WHN	comp=Z,10um,13.1s		LR	LR	
WHN	comp=Z,8um,14.3s		LR	LR	
TIY	Taiyuan	23.77 283	eP	P	12 44 23.8 +5.8
TIY			S	S	12 48 26.5 -5.8
TIY			sS	Sn	12 49 08.9 +1.4
TIY	comp=Z,350nm,5.7s		P	P	
TIY	comp=N,2um,11.8s		LR	LR	
TIY	comp=E,5um,13.2s		LR	LR	
TIY	comp=Z,6um,13.8s		LR	LR	
HHC	Hu-ho-hao-te	24.39 291	eP	P	12 44 24.6 +0.9
HHC	comp=Z,34nm,1.4s		P	P	
HHC	comp=Z,380nm,7.6s		P	P	
HHC	comp=Z,2um,12.9s		LR	LR	
HHC	comp=Z,3um,14.4s		LR	LR	
HHC	comp=Z,4um,13.6s		LR	LR	
MA2	Magadan	24.48 11	LR	LR	12 54 40.4
MA2	Magadan	24.48 11	eP	P	12 44 24.6 +0.4
MA2	Magadan	24.48 11	P	P	12 44 24.0 -0.2
MA2	Magadan	24.48 11	I	I	12 44 40.5
CIT	Chita	25.95 318	eP	P	12 44 38.4 +0.7
CIT			e	e	12 44 45.9
CIT			e	e	12 45 19.5
CIT	comp=Z,100nm,2.0s		P	P	
H112	WAKE ISLAND Hy	27.07 120	T	T	13 12 57.7
H112	WAKE ISLAND Hy	27.07 120	T	T	13 13 03.6
H112	WAKE ISLAND Hy	27.07 120	T	T	13 12 59.2
H112	WAKE ISLAND Hy	27.07 120	T	T	12 44 47.8 -1.0
XAN	Xi'an	27.16 276	P	P	12 44 57.1 0.0
XAN			sP	sP	12 45 01.1 +1.7
XAN			P	P	12 45 38.3 +6.1
XAN			S	S	12 49 26.7 +0.6
XAN	comp=Z,28nm,1.3s		P	P	
XAN	comp=Z,700nm,8.9s		LR	LR	
XAN	comp=Z,3um,13.3s		LR	LR	
XAN	comp=Z,4um,14.6s		LR	LR	
XAN	comp=Z,5um,13.8s		LR	LR	
YAK	Yakutsk	27.41 347	P	P	12 44 51.1 +0.6
YAK	Yakutsk	27.41 347	P	P	12 44 50.8 +0.2
YAK	Yakutsk	27.41 347	P	P	12 44 57.3 +0.9
YAK	Yakutsk	27.41 347	P	P	12 45 36.6 +0.9
YAK	Yakutsk	27.41 347	P	P	12 48 05.1
YAK	Yakutsk	27.41 347	P	P	12 49 31.1 +1.8
YAK	Yakutsk	27.41 347	P	P	12 50 58.3
YAK	comp=Z,46nm,0.9s		P	P	
YAK	comp=N,18nm,1.3s		P	P	
YAK	comp=Z,68nm,1.6s		P	P	
YAK	comp=N,79nm,1.5s		P	P	
YAK	comp=E,39nm,1.7s		P	P	
YAK	comp=N,233nm,3.5s		P	P	
YAK	comp=E,180nm,3.0s		P	P	
YAK	comp=Z,3um,16.0s		MLR	MLR	
YAK	comp=N,1um,17.0s		MLR	MLR	
YAK	comp=E,2um,17.0s		P	P	12 44 50.3 -0.3
H1151	WAKE ISLAND Hy	27.75 122	T	T	13 13 47.4
H1151	WAKE ISLAND Hy	27.75 122	T	T	13 13 47.5
H1151	WAKE ISLAND Hy	27.75 122	T	T	13 13 50.1
H1151	WAKE ISLAND Hy	27.75 122	T	T	12 44 52.0 -2.4
ENH	Enshi	27.78 268	P	P	12 45 01.4
ENH			I	I	12 45 01.4
SEY	Seymchan	27.93 10	P	P	12 44 56.7 +1.4
ULN	Ulanbaatar	28.50 306	eP	P	12 45 01.4 +0.6
ULN	Ulanbaatar	28.50 306	P	P	12 45 02.2 +1.4
ULN	Ulanbaatar	28.50 306	P	P	12 45 14.4
BOD	Bodaibo	28.87 329	eP	P	12 45 03.9 +0.2
BOD	comp=Z,57nm,1.6s		P	P	
SOM1	Songino Array	28.93 306	P	P	12 45 05.6 +1.1
SOM1	comp=Z,14nm,0.7s, baz=104,slow=8.4,SNR=36		LR	LR	12 56 26.3
SOM1	comp=Z,784nm,20.0s, baz=102,slow=36		P	P	12 45 05.4 +0.8
SOM1	Songino Array	28.93 306	P	P	12 45 05.4 +0.8
SOM1	Songino Array	28.93 306	P	P	12 45 21.1 -0.3
LZH	Lanzhou	30.81 282	S	S	12 50 21.5 -2.3
LZH			sS	sS	12 50 32.8 -0.7
LZH	comp=Z,29nm,1.2s		P	P	
LZH	comp=Z,280nm,6.0s		LR	LR	
LZH	comp=Z,3um,13.0s		LR	LR	
LZH	comp=Z,2um,14.6s		LR	LR	
IRK	Irkutsk	31.33 314	eP	P	12 45 27.1 +1.5
IRK	comp=Z,46nm,3.0s		P	P	
TLY	Talaya	31.55 312	P	P	12 45 29.0 +1.4
TLY	comp=Z,7.5nm,0.8s, baz=117,slow=7.6,SNR=10		LR	LR	12 57 51.9
TLY	Talaya	31.55 312	eP	P	12 45 28.2 +0.7
TLY			eS	S	12 50 40.7 +6.0
TLY	comp=Z,68nm,1.0s		P	P	
TLY	comp=Z,9um,17.0s		MLR	MLR	
TLY	Talaya	31.55 312	P	P	12 45 28.2 +0.7
GYA	Guiyang	31.55 263	eP	P	12 45 29.8 +1.9
GYA			pP	S	12 45 37.7 -0.6
GYA			S	S	12 50 39.3 +3.9
GYA	comp=Z,18nm,1.6s		LR	LR	
GYA	comp=Z,3um,14.6s		LR	LR	

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GYA	comp=Z,2um,13.8s	LR	LR		
CD2	comp=Z,3um,16.2s	P	P	12 45 32.4 -1.3	
CD2	Chengdu	32.22 272	pP	sP	12 45 41.7 -0.3
CD2			S	S	12 50 45.6 0.0
CD2	comp=Z,30nm,0.4s		P	P	
CD2	comp=Z,570nm,5.1s		P	P	
CD2	comp=Z,6um,16.5s		LR	LR	
CD2	comp=Z,3um,13.7s		LR	LR	
CD2	comp=Z,2um,15.8s		LR	LR	
QIZ	Qiongzong	32.92 248	P	P	12 45 39.5 -0.3
QIZ			S	S	12 50 57.0 +0.5
QIZ			sS	sS	12 51 10.9 +4.5
QIZ	comp=Z,2um,15.1s		LR	LR	
QIZ	comp=Z,2um,13.7s		LR	LR	
QIZ	comp=Z,2um,12.4s		LR	LR	
MOY	Mondy	33.15 312	eP	P	12 45 42.1 +0.4
MOY	comp=Z,43nm,2.2s		P	P	
GTA	Gaotai	33.45 289	P	P	12 45 44.5 +0.1
GTA			pP	sP	12 45 53.6 +0.9
GTA			P	P	12 46 55.6 -0.1
GTA			P	P	12 48 28.2 +2.9
GTA			S	S	12 51 04.8 +0.1
GTA	comp=Z,15nm,1.2s		P	P	
GTA	comp=Z,230nm,7.1s		LR	LR	
GTA	comp=Z,3um,15.6s		LR	LR	
GTA	comp=Z,2um,15.3s		LR	LR	
GTA	comp=Z,2um,14.2s		LR	LR	
KMI	Kunming	35.31 264	eP	P	12 46 02.2 +1.4
KMI			PP	PP	12 47 21.0 -0.1
KMI			SS	SS	12 51 25.3 -8.6
KMI			S	S	12 53 46.4 -6.3
KMI	comp=Z,8.0nm,0.8s		P	P	
KMI	comp=Z,130nm,4.1s		P	P	
KMI	comp=Z,2um,17.4s		LR	LR	
KMI	comp=Z,1um,18.5s		LR	LR	
KMI	comp=Z,2um,16.5s		LR	LR	
TIXI	Tiksi	36.59 353	eP	P	12 46 10.9 -0.1
TIXI			P	P	
TIXI	comp=Z,28nm,0.7s		P	P	12 46 10.6 -0.4
TIXI			I	I	12 46 12.2
SJJI	Sorong	37.83 198	P	P	12 46 21.7 -0.3
SJJI	comp=Z,15nm,0.8s, baz=93,slow=24,SNR=3.1		P	P	
TOLIZ	Toilitoi	39.76 215	P	P	12 46 40.6 +2.4
TOLIZ			I	I	12 46 49.6
DGZ	Jazzator, Alta	41.55 307	eP	P	12 46 54.0 +1.1
DGZ	comp=Z,18nm,0.8s		P	P	
CMAR	Chiang Mai Arr	41.70 257	P	P	12 46 55.4 +1.0
CMAR	comp=Z,0.8nm,0.7s, baz=51,slow=6.5,SNR=6.2		LR	LR	13 05 24.1
CMAR	Chiang Mai Arr	41.70 257	P	P	12 46 55.7 +1.4
CMAR	comp=Z,1.0nm,0.8s		P	P	
WMQ	Urumqi	41.88 298	eP	P	12 46 53.7 -0.7
WMQ			pP	pP	12 46 57.7 +2.1
WMQ			P	P	12 47 05.6 -0.9
WMQ	comp=Z,62nm,1.1s		P	P	
WMQ	comp=Z,370nm,5.1s		P	P	
WMQ	comp=Z,4um,18.5s		LR	LR	
WMQ	comp=Z,3um,15.5s		LR	LR	
WMQ	comp=Z,2um,18.5s		LR	LR	
WMQ	Urumqi	41.88 298	P	P	12 46 56.3 +0.7
WMQ	comp=Z,37nm,0.9s		P	P	
WMQ	Urumqi	41.88 298	I	I	12 47 01.7
LSA	Lhasa	42.86 277	P	P	12 47 05.2 +1.0
ZAA0	Zalesovo Array	43.15 313	P	P	12 47 05.9 +0.2
ZAA0			I	I	12 47 12.4
ZALV	Zalesovo Beam	43.15 313	P	P	12 47 06.2 +0.5
ZALV	comp=Z,11nm,0.8s, baz=90,slow=6.7,SNR=22		P	P	
ZALV	comp=Z,1.8nm,0.6s, baz=107,slow=2.5,SNR=1.7		P	P	
ZALV	Zalesovo Beam	43.15 313	P	P	12 47 05.5 -0.2
ZSN	Zaisan	43.41 304	eP	P	12 47 08.0 +0.1
ZSN	comp=Z,7.7nm,0.9s, baz=304		P	P	
ZSN	Zaisan	43.41 304	eP	P	12 47 07.9 +0.1
ZSN			P	P	
MK31	Makanchi Array	45.23 303	eP	P	12 47 22.7 +0.2
MK31	comp=Z,8.0nm,0.9s		P	P	
MK31	Makanchi Array	45.23 303	P	P	12 47 22.4 -0.1
MK31	comp=Z,18nm,0.8s		P	P	12 47 29.4
MKAR	Makanchi Array	45.23 303	P	P	12 47 22.9 +0.4
MKAR	comp=Z,14nm,0.8s		LR	LR	13 06 09.2
MKAR	comp=Z,12nm,0.8s, baz=90,slow=7.5,SNR=50		LR	LR	
MKAR	Makanchi Array	45.23 303	P	P	12 47 23.7 +1.2
MKAR	comp=Z,895nm,18.8s, baz=78,slow=36		P	P	
MKAR	Makanchi Array	45.23 303	P	P	12 47 23.0 +0.5
MKAR	Makanchi Array	45.23 303	P	P	12 47 24.0 -0.2
MAKZ	Makanchi	45.44 303	P	P	12 47 24.0 -0.2
MAKZ	comp=Z,16nm,0.8s		P	P	
KAPI	Kappang	45.66 212	P	P	12 47 24.0 -0.2
KAPI			P	P	12 47 31.2
KAPI	comp=Z,71nm,1.2s		P	P	12 47 26.8 +0.7
KAPI	Kappang	45.66 212	P	P	12 47 26.8 +0.7
SEM	Semipalatinsk	46.12 309	eP	P	12 47 28.4 -1.4
SEM	comp=Z,5.0nm,1.0s, baz=308		eS	S	12 54 13.6 -0.8
SEM	comp=Z,3um,12.2s, baz=308		LR	LR	13 06 40.7
SEM	Semipalatinsk	46.12 309	eP	P	12 47 28.3 -1.4
SEM			S	S	12 54 13.5 -0.8
SEM	comp=Z,5.0nm,1.0s		MLR	MLR	
TAPN	Taplejung	46.56			

JJ	baz=314	1.21	77	P	Pg	16 06 16.5 +1.1	NTY	baz=232	1.68	303	eP	Pn	16 06 21.4 +0.5	CHN1	baz=241		S	Sb	16 07 01.4 -0.5	
JJ	Ishigaki jima			S	Sg	16 06 33.1 +1.9	Taoyuan	baz=312			eS	Sb	16 06 43.5 -0.2	TWK	baz=241	2.31	250	eP	Pb	16 06 31.9 -1.6
TWE	Neicheng	1.25	301	P	Pb	16 06 15.4 +0.1	NTY				eS	Sb	16 06 19.9 -1.1	TWK	Hsiinyung		eS	Pb	16 07 01.9 -0.2	
TWE	baz=309			S	Sb	16 06 30.8 -0.5	CHKT	baz=312	1.68	234	eP	Sn	16 06 39.8 -2.5	SNST	baz=250	2.32	249	eP	Pb	16 06 32.8 -0.9
ETLH	Xiulin Townshi	1.25	276	eP	Pb	16 06 15.4 -0.1	CHKT	baz=227			eS	Sn	16 06 23.4 -0.2	SNST	Tainan City		eS	Sb	16 07 02.0 -0.3	
ETLH	baz=276			S	Sb	16 06 31.8 +0.2	WPL	Puli Township	1.73	268	eP	Pb	16 06 23.4 -0.2	SNST	baz=249		eS	Sb	16 07 02.0 -0.3	
TIPB	Shuangxi	1.28	314	eP	Pg	16 06 17.6 +0.9	WPL	baz=269			eS	Sb	16 06 45.5 +0.3	JJKM	Ikemajima	2.34	69	eS	Sb	16 07 02.5 -0.2
TIPB	baz=311			S	Sg	16 06 32.9 -0.5	WHP	Tainung City	1.75	277	eP	Pb	16 06 23.4 -0.5	JMJ2	Miyako jima 2	2.34	72	eP	Sb	16 06 28.4 -1.7
ENTT	Nioudou	1.29	295	i P	Pg	16 06 16.5 -0.4	WHP	baz=266			eS	Sb	16 06 45.9 +0.1	JMJ2	Miyako jima3	2.35	73	P	S	16 06 33.9 -0.3
ENTT	baz=281			eS	Sg	16 06 34.9 +1.2	NCU	National Centr	1.75	300	P	Pg	16 06 25.2 -0.4	WLBG	Puzi	2.41	256	eP	Pb	16 06 33.9 -1.3
NDT	Datong Townshi	1.32	293	eP	Pb	16 06 16.8 +0.2	NCU	baz=313			S	Sg	16 06 47.2 -1.2	WLBG	baz=257		eS	Sn	16 07 02.5 +2.1	
NDT	baz=280			eS	Sg	16 06 35.4 +0.8	NCUH	Zhongli	1.75	300	eP	Pb	16 06 23.7 -0.2	SSD	Sandimen	2.44	237	eP	Pn	16 06 31.5 +0.1
ESL	Shilin	1.32	258	P	Pn	16 06 15.3 -0.8	NCUH	baz=313			eS	Sb	16 06 46.6 +0.8	SSD	baz=234		eS	Sn	16 07 00.6 -0.4	
ESL	baz=251			S	Sn	16 06 33.6 +0.1	SSLB	Suaglunung	1.76	261	eP	Pb	16 06 23.4 -0.7	WSF	Szhu	2.44	260	eP	Pb	16 06 34.0 -1.7
EGFH	Guangfu	1.36	252	eP	Pb	16 06 17.7 +0.3	SSLB	baz=262			eS	Sn	16 06 44.9 +0.6	WSF	baz=261		eS	Pn	16 07 03.9 +2.7	
EGFH	baz=242			S	Sn	16 06 34.9 +0.3	LIOB	Emei	1.76	289	P	Pg	16 06 25.2 -0.6	TSMG	Majia	2.45	236	eP	Pn	16 06 33.0 +1.5
NNSB	Datong	1.38	285	P	Pb	16 06 17.7 +0.1	LIOB	baz=289			S	Sg	16 06 48.3 -0.4	TSMG	baz=232		eS	Sn	16 07 00.5 -0.9	
NNSB	baz=285			eS	Sg	16 06 37.5 +1.0	NSTT	Nanjuang	1.77	288	eP	Pb	16 06 23.3 -1.0	ICHU	Yijhu	2.46	253	eP	Pn	16 06 33.8 +2.0
NNSH	Datong	1.38	285	eP	Pb	16 06 17.8 +0.2	NSTT	baz=288			S	Sg	16 06 48.4 -0.5	ICHU	baz=254		eS	Sb	16 07 04.6 -1.6	
NNSH	baz=284			eS	Sb	16 06 35.8 +0.6	JTJ	Tarama	1.78	72	P	Pg	16 06 25.1 -1.1	SCST	Oishan	2.47	241	eP	Pn	16 06 33.3 +1.5
WFSB	Wu-fen Shan	1.38	315	eP	Pg	16 06 19.1 +0.5	JTJ	baz=288			eS	Sg	16 06 48.4 -0.9	SCST	baz=233		eS	Pn	16 07 04.4 +2.9	
WFSB	baz=313			eS	Sg	16 06 36.7 +0.2	SMLT	Sun Moon Lake	1.79	264	eP	Pb	16 06 23.8 -0.9	EAST	Anshuo	2.50	228	eP	Pn	16 06 33.3 +1.0
NNS	Nan Shan	1.39	285	P	Pb	16 06 18.3 +0.4	SMLT	baz=265			eS	Sn	16 06 46.6 +1.3	EAST	baz=237		eS	Sn	16 07 02.1 -0.6	
NNS	baz=285			S	Sn	16 06 35.5 +0.1	EDH	Donghe	1.80	232	eP	Pn	16 06 21.9 -0.7	MASBT	Mashbuluo	2.51	235	eP	Pn	16 06 33.6 +1.2
NWLT	Wulai	1.41	300	eP	Pg	16 06 18.6 -0.4	EDH	baz=227			S	Sn	16 06 42.8 -2.5	MASBT	baz=230		eS	Sn	16 07 02.4 -0.5	
NWLT	baz=310			eS	Sg	16 06 36.6 -0.7	HSN1	Hsinchu	1.80	293	eP	Pb	16 06 24.9 +0.1	CHN8	Yiju	2.53	254	eP	Pb	16 06 35.6 -1.6
JISG	Ishigakijimahi	1.42	69	P	Pg	16 06 19.0 -0.4	TYC	Yuechi	1.83	265	eP	Pn	16 06 24.0 +0.9	CHN8	baz=254		eS	Sn	16 07 05.9 +2.7	
JISG	baz=310			S	Sg	16 06 38.9 +1.0	SBCB	Hsinchu	1.84	293	eP	Pg	16 06 26.8 -0.5	TWM1	Shoushan	2.56	241	eP	Pb	16 06 37.8 +0.1
HGSD	Ruisui	1.43	246	eP	Pn	16 06 17.4 -0.2	SBCB	baz=293			eS	Sg	16 06 50.0 -1.2	TWM1	baz=233		eS	Sb	16 07 08.0 -1.1	
HGSD	baz=248			S	Sn	16 06 34.9 -1.4	YUS	Yu-Shan	1.84	251	eS	Sn	16 06 46.3 -0.6	SSPT	Xinbi	2.63	233	eP	Pn	16 06 34.2 0.0
WHF	Hehuan Shan	1.45	273	eP	Pn	16 06 18.5 +0.3	WHYT	Xinyi Township	1.87	258	eP	Pb	16 06 25.1 -0.9	SSPT	baz=229		eS	Sn	16 07 05.8 -0.2	
WHF	baz=274			S	Sb	16 06 37.9 +0.5	WHYT	baz=290			eS	Sn	16 06 48.6 +1.5	SLIU	Shizi	2.65	226	eP	Pn	16 06 35.6 +1.2
TWA	Mucha	1.45	308	P	Pg	16 06 20.5 +0.5	LDUT	Ludao	1.89	222	eP	Pn	16 06 23.7 -0.2	SLIU	baz=227		eS	Pn	16 07 06.3 0.0	
TWA	baz=307			eS	Sb	16 06 37.4 +0.1	LDUT	baz=224			eS	Sn	16 06 45.4 -2.3	SCZT	Fangliu	2.67	231	eP	Pn	16 06 34.5 -0.1
YHNB	Yeheng	1.46	294	i P	Pg	16 06 19.6 -0.5	ELDTW	Lidau	1.90	242	eP	Pn	16 06 23.4 -0.8	SCZT	baz=225		eS	Sn	16 07 06.5 -0.3	
YHNB	baz=279			eS	Sg	16 06 38.9 -0.2	ELDTW	baz=243			eS	Pb	16 06 46.3 -1.7	TKWBT	Hengchun	2.84	222	eP	Pn	16 06 37.2 +0.2
FUSS	Fushou	1.47	277	P	Pb	16 06 19.8 +0.4	TWQ1	Liyutan	1.91	278	eP	Pb	16 06 26.9 +0.2	PHUB	Peng-hu	3.05	260	eP	Pn	16 06 41.4 +1.5
FUSS	baz=277			eS	Sb	16 06 38.9 +0.9	TWQ1	baz=279			eS	Sb	16 06 50.9 +0.5	PHUB	baz=275		eS	Sn	16 07 17.9 +1.7	
NSK	Sanguang	1.48	294	P	Pb	16 06 19.5 +0.2	NMLH	Miaoli	1.93	284	eP	Pb	16 06 27.6 +0.6	PTTC	Pingtian	3.13	297	eS	Sn	16 07 19.0 +0.9
NSK	baz=280			eS	Sb	16 06 38.9 +0.9	NMLH	baz=285			eS	Sb	16 06 51.6 +0.7	VWUC	VWUC	3.22	287	eP	Pn	16 06 42.8 +0.6
NNDH	Xindian Distri	1.49	306	eP	Pg	16 06 21.0 +0.4	NSY	Sanyi	1.93	280	eP	Pb	16 06 27.6 +0.6	VWUC	baz=288		eS	Sn	16 07 20.0 -0.4	
NNDH	baz=317			eS	Sb	16 06 38.2 0.0	ALS	baz=281			eS	Sb	16 06 52.5 +1.4	PTMZ	Houxiangcun	3.52	286	eP	Pn	16 06 47.9 +1.5
EHY	Hungye	1.51	248	P	Pn	16 06 18.5 -0.2	ALS	Alishan	1.96	253	eP	Pn	16 06 26.3 +1.2	PTMZ	baz=287		eS	Sn	16 07 27.3 -0.6	
EHY	baz=249			S	Sn	16 06 37.8 -0.4	WJS	Zhushan	1.96	263	eP	Pb	16 06 50.2 +0.6	KNMB	Chih-men Tao	4.09	276	eP	Pn	16 06 54.9 +0.8
TATO	Taipai	1.52	306	eP	Pg	16 06 21.4 +0.1	WJS	baz=264			eS	Pb	16 06 26.5 -1.0	AXDP	Jialang	4.52	281	eP	Pn	16 07 01.4 +1.4
TATO	baz=317			S	Sn	16 06 38.6 +0.2	WJS	baz=264			eS	Sb	16 06 52.8 +1.0	AXDP	baz=282		eS	Sn	16 07 51.6 -0.7	
CHGB	Renai	1.53	269	eP	Pb	16 06 19.8 -0.5	WWF	Wufeng	1.96	269	eS	Sb	16 06 53.3 +1.4							
CHGB	baz=271			eS	Sn	16 06 39.6 +0.7	LONT	Longtian	1.97	234	eS	Sn	16 06 48.7 -0.8							
TAP1	Taipai	1.53	308	eP	Pg	16 06 21.9 +0.4	TCU	Taichung	1.98	272	eP	Pb	16 06 26.9 -1.0							
TAP1	baz=307			eS	Sg	16 06 40.5 -1.0	TCU	baz=274			eS	Sb	16 06 53.9 +1.3							
TWT	Tachien	1.54	276	eP	Pg	16 06 21.3 -0.2	WNT	Mingjian	1.99	264	eP	Pb	16 06 27.9 -0.1							
TWT	baz=265			eS	Sb	16 06 40.7 +1.0	WNT	baz=266			eS	Sb	16 06 53.7 +1.1							
TAP	Taipai	1.55	308	eP	Pb	16 06 20.2 -0.2	WNT1	Nantou City	1.99	265	eP	Pb	16 06 28.5 +0.5							
TAP	baz=307			eS	Sg	16 06 40.6 -1.2	WNT1	baz=267			eP	Sg	16 06 55.1 -0.9							
TDCB	Techi	1.55	276	eP	Pb	16 06 20.5 -0.2	CHN5	Tsauling	2.05	257	eP	Pb	16 06 28.3 -0.7							
TDCB	baz=265			S	Sb	16 06 41.0 +0.8	CHN5	baz=248			eS	Sb	16 06 54.1 -0.2							
YM01	YM01	1.57	312	eP	Pg	16 06 22.3 +0.1	TWGBT	Beinan	2.06	232	eP	Pn	16 06 25.9 -0.3	HATJ	Hateruma jima	0.85	84	P	Pn	16 23 27.9 +2.6
YM01	baz=311			eS	Sb	16 06 40.6 0.0	TWGBT	baz=226			eS	Sn	16 06 50.7 -1.0	HATJ	IRIF	0.86	65	P	Pn	16 23 40.0 +2.5
YM11	YM11	1.58	313	eP	Pb	16 06 21.0 0.0	TWG	Pinlang	2.06	233	eP	Pb	16 06 26.6 +0.4	IRIF	IRIF	1.07	75	P	Pn	16 23 27.2 +1.8
YM11	baz=311			eS	Sb	16 06 40.3 -0.6	TWG	baz=226			eS	Sn	16 06 51.1 -0.7	JKRS	Kuro-shima	1.08	296	eP	Pb	16 23 39.1 +1.5
YM10	YM10	1.58	312	eP	Pg	16 06 21.9 -0.5	WCHH	Zhanghua	2.09	270	P	Pb	16 06 29.3 -0.5	JKRS	ENAH	1.08	296	eP	Pb	16 23 45.9 +4.1
YM10	baz=311			S	Sb	16 06 41.4 +0.5	WCHH	baz=272			eS	Pb	16 06 55.4 -0.2	ENAH	baz=292		eS	Sn	16 23 27.9 +0.3	
YULB	Yu-H	1.58	244	eP	Pn	16 06 19.8 +0.1	STYT	Tauyuan	2.13	245	eP	Pn	16 06 28.2 +0.9	TWC	Suao	1.13	304	eP	Pn	16 23 43.2 +0.1
YULB	baz=236			S	Sn	16 06 39.2 -0.8	STYT	baz=238			S	Sn	16 06 54.4 +0.9	HWA	Hwallen	1.16	270	eS	Sg	16 23 28.1 -1.0
EYUL	Yuli	1.58	243	eP	Pn	16 06 19.5 -0.2	WGK	Gukeng	2.13	260	eP	Pn	16 06 28.7 +1.5	TWD	Chiawan	1.18	275	eP	Pg	16 23 47.2 +1.8
EYUL	baz=234			eS	Sn	16 06 39.8 -0.2	WGK	baz=261			eS	Sb	16 06 56.8 +0.1	TWD	baz=269		eS	Sg	16 23 31.4 +0.8	
YM05	YM05	1.58	313	eP	Pg	16 06 21.9 -0.6	WDLH	Douliu	2.15	260	eP	Pb	16 06 28.7 +1.5	NACB	Ninganchiao	1.19	280	eP	Pg	16 23 47.6 +1.8
YM05	baz=311			eS	Sg	16 06 41.9 -1.2	WDLH	baz=261			eS	Sb	16 06 56.8 +0.1	NACB	baz=258		eS	Sg	16 23 30.7 -0.1	
YM08	YM08	1.58	314	eP	Pb	16 06 21.2 +0.1	TPUB	Ta-pu	2.18	249	eP	Pn	16 0							

12d 16h

Table with columns: NDT, Datong, Townshi, baz, 1.39 297, eP, Pb, 16 23 33.7 +0.1, YUS, Yu-Shan, baz=249, 1.83 255, eP, Pb, 16 23 41.0 -0.3, CHN8, Yiju, baz=250, 2.52 256, eP, Pb, 16 23 51.5 -1.3

2015 JAN

Table with columns: YUS, Yu-Shan, baz=249, 1.83 255, eP, Pb, 16 23 41.0 -0.3, LDUT, Lidiao, baz=223, 1.83 225, eP, Pb, 16 23 39.5 -1.5, NCUH, Zhongji, baz=302, 1.83 303, eP, Pb, 16 23 42.8 -0.3

576

Table with columns: CHN8, Yiju, baz=250, 2.52 256, eP, Pb, 16 23 51.5 -1.3, CHN8, baz=250, 2.52 228, eP, Pb, 16 23 51.3 -2.7, SLIU, baz=225, 2.62 233, eP, Pb, 16 23 51.1 +0.7

NEIC 12 16:23:21.9, 0.7, 55.00N, 0.04, 134.36W, 0.09, h15km, 7km, Error ellipse: s-major=7.5km, s-min=6.1km, az=66.0, PGC 12 16:23:22.4, 1.0, 54.98N, 134.15W, h20km, ML3.0/7, 183km WNW of Masset, Bc Haida Gwaii Region, ISC 12 16:23:20.8, 1.6, 55.02N, 0.04, 134.35W, 0.06, h7km, 11km,

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time Res, ISC, CRAG, Craig, 0.83 57, Pn, Pb, 16 23 38.8 -0.1, LIB, Langara Island, 1.07 135, P, Pb, 16 23 41.9 +0.3, LIB, Naden, 1.34 142, P, Pb, 16 23 46.2 -0.7

MAN 12 16:28:07.0, 8.98N, 125.93E, h1km, mb4.7, ML3.6, MS3.5, NEIC 12 16:28:12.6, 1.1, 9.04N, 0.10, 126.0E, 0.2, h54km, 10km, mb4.3/1, Error ellipse: s-major=25.6km, s-min=13.6km, az=77.0, IDC 12 16:28:13.9, 2.5, 9.01N, 125.95E, h69km, 24km, mb3.5/10, mb1.3/7.1, mb1mx3.4/58, mbtmp3.9/11, MS3.4/1, Ms1.3/4.1, ms1mx2.5/36, Error ellipse: s-major=29.5km, s-min=14.7km, az=72.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time Res, ISC, BUTP, Butuan, 0.34 257, eP, Pb, 16 28 15.4 -0.9, GLSP, General Luna, 0.75 13, eP, Pb, 16 28 22.8 -0.7, BIP, Bislig, 0.86 161j, eP, Pb, 16 28 24.9 -0.4, CGP, Cagayan de Oro, 1.38 245j, P, Pb, 16 28 32.5 -0.5, BUKP, Musuan, 1.46 218, eP, Pb, 16 28 34.4 -1.1, MSLP, Maasin, 1.53 315, eP, Pb, 16 28 35.0 -0.1, DAV, Davao City (W), 2.00 191, P, Pb, 16 28 44.0 -0.7, MATI, Mati, 2.11 172, eP, Pb, 16 28 42.5 -0.5, KCP, Kidapawan, 2.20 203j, eP, Pb, 16 28 46.6 -1.6, LLLP, Lapu-Lapu, 2.34 303, eP, Pb, 16 28 45.7 -0.5, OCLP, Ormoc, 2.40 326, eP, Pb, 16 28 49.0 +2.0, BESP, Borongan, 2.59 349, eP, Pb, 16 28 51.8 +2.1, PAGZ, Pagadian, 2.81 245, eP, Pb, 16 28 52.5 -0.2, TINTI, Ternate, 8.34 170, Pn, Pb, 16 30 11.9 +3.2, SIJI, Sorong, 11.18 152, P, Pb, 16 30 51.3 +3.6, TPUB, Ta-pu, 15.07 341, P, Pb, 16 31 45.4 -0.5, BATI, Baumata, 19.26 187, P, Pb, 16 32 36.5 +3.1, CMAR, Chiang Mai Arr, 27.82 293, P, Pb, 16 33 57.7 +0.6, WB0, Warramunga Arr, 29.81 164, P, Pb, 16 34 13.2 -1.5, WRA, Warramunga Arr, 29.96 164, P, Pb, 16 34 15.4 -0.6, WBR2, Warramunga Arr, 29.97 164, P, Pb, 16 34 15.2 -0.9, AS31, Alice Springs, 33.42 167, P, Pb, 16 34 46.0 -0.5, ASAR, Alice Springs, 33.43 167, P, Pb, 16 34 45.9 -0.6, CTA, Charters Tower, 35.17 146, P, Pb, 16 35 01.7 +0.1, USRK, USSRYSK Arr, 35.41 7, P, Pb, 16 35 03.5 +0.1, FORT, Forrest, 39.65 177, P, Pb, 16 35 40.3 +0.9, KLR, Kul'dur, 40.35 6, P, Pb, 16 35 44.5 -0.5, H11S3, WAKE ISLAND Hy 40.57 72, T, T, 17 18 42.6, H11S1, WAKE ISLAND Hy 40.59 72, T, T, 17 18 40.8, H11S2, WAKE ISLAND Hy 40.59 72, T, T, 17 18 43.4, H11N1, WAKE ISLAND Hy 40.94 70, T, T, 17 19 19.3, H11N2, WAKE ISLAND Hy 40.95 70, T, T, 17 19 21.0, H11N3, WAKE ISLAND Hy 40.96 70, T, T, 17 19 20.7, BBOO, Buckleboob, 42.72 167, P, Pb, 16 36 04.7 0.0, STKA, Stephens Creek, 43.35 160, P, Pb, 16 36 07.5 -2.3

Table with columns: STKA, Stephens Creek, 43.35 160, Iamb, Iamb, 16 36 14.1, etc.

IDC 12 16:32:04.3.0.8, 17.70N:148.03E, h0km, mb3.8/17, mb1 4.0/18, mb1mx3.8/55, mbtmp3.8/18, ML4.3/1, Error ellipse: s-maj=25.1km s-min=14.1km az=103.0

NEIC 12 16:32:12.4.1.1, 17.69N:0.08:147.87E:0.07, h56km, 8km, mb4.5/29, Error ellipse: s-maj=11.8km s-min=8.6km az=210.0

ISC 12 16:32:07.6.0.5, 17.68N:0.07:148.05E:0.10, h21km, n51, e1501148, mb4.2/26, Mariana Islands region

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

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

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

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

IDC 12 16:57:59.8.2.1, 4.69S:145.39E, h0km, mb4.1/3, mb1 4.4/5, mb1mx3.8/29, mbtmp4.3/5, ML4.6/1, Error ellipse: s-maj=49.4km s-min=27.5km az=84.0

NOU 12 16:58:13.8.5.30S, 146.84E, h199km, mb4.0, Eastern New Guinea Reg., F.N.G.

NEIC 12 16:58:15.2.0.4, 5.52S:146.9E:0.1, h220km, 17km, mb4.4/8, Error ellipse: s-maj=17.0km s-min=12.9km az=95.0

ISC 12 16:58:14.5.0.8, 5.52S:0.07:146.90E:0.10, h195km, n20, e172/22, mb4.1/5, Eastern New Guinea region

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

Table with columns: WBO, Warramunga Arr, 18.72 219, P, P, 17 02 22.9, etc.

Table with columns: WBO, Warramunga Arr, 18.72 219, P, P, 17 02 22.9, etc.

NOU 12 17:30:23.8, 7.09S:130.39E, h175km, mb3.8, Tanimbar Islands Reg., Indonesia

IDC 12 17:30:01.3.2.4, 5.98S:130.38E, h0km, mb3.5/1, mb1 4.0/3, mb1mx3.5/19, mbtmp3.7/3, ML3.9/2, Error ellipse: s-maj=138.5km s-min=31.6km az=70.0, Banda Sea

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

DJA 12 18:01:02.0.2.4, 3.5S:5.12E, h11km, 5km, M3.7/8, mb4.2/1, MLV3.5/8

IDC 12 18:01:09.5.5.3, 3.06S:128.39E, h99km, 61km, mb3.0/3, mb1 3.4/6, mb1mx3.1/43, mbtmp3.6/6, ML3.7/3, Error ellipse: s-maj=58.6km s-min=18.1km az=94.0

ISC 12 18:01:04.2.0.9, 3.05S:0.08:128.05E:0.05, h38km, n12, e055/14, mb3.2/3, Seram

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

IDC 12 18:14:03.5.1.5, 11.56S:161.88E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.6/39, mbtmp3.8/7, ML3.9/2, MS3.5/3, Ms1 3.5/3, ms1mx3.0/27, Error ellipse: s-maj=36.9km s-min=28.3km az=94.0

ISC 12 18:14:08.8.1.0, 11.55S:0.1:161.8E:0.2, h39km, n10, e143/10, mb3.6/5, Bougainville-Solomon Islands region

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

IDC 12 18:15:10.5.3.9, 28.75S:177.51W, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.5/31, mbtmp3.6/3, Error ellipse: s-maj=79.5km s-min=22.7km az=105.0, Kermadec Islands region

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

IDC 12 18:20:42.1.5.4, 22.73S:179.55E, h594km, 43km, mb3.1/5, mb1 3.3/6, mb1mx2.9/34, mbtmp4.0/6, Error ellipse: s-maj=130.1km s-min=19.2km az=154.0

ISC 12 18:20:41.8.1.3, 22.73S:0.3:179.6E:0.2, h591km, n11, e068/10, mb3.6/5, South of Fiji Islands

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

Table with columns: PDAR, Pinedale Array, 92.12 44, P, P, 18 22 49.6 +0.3, etc.

JMA 12 18:24:34.2, 38.64N:141.90E, h48km, 1km, M3.5

JMA 12 18:24:37.5.1.9, 39.28N:140.52E, h0km, mb3.5/3, mb1 3.5/5, mb1mx3.2/44, mbtmp3.5/5, ML2.8/2, Error ellipse: s-maj=48.4km s-min=23.8km az=99.0

ISC 12 18:24:34.3.1.6, 38.64N:0.05:141.9E:0.1, h45km, 10km, n22, e083/25, mb3.5/3, Near east coast of eastern Honshu

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

H11N2 WAKE ISLAND HY 28.62 124 T 19 00 52.4

H11N1 WAKE ISLAND HY 28.69 124 T 19 00 50.5

H11N3 WAKE ISLAND HY 28.70 124 T 19 00 53.8

H11S1 WAKE ISLAND HY 29.45 126 T 19 01 39.2

H11S3 WAKE ISLAND HY 29.45 126 T 19 01 39.2

H11S2 WAKE ISLAND HY 29.46 126 T 19 01 40.2

ZALV Zalesovo Beam 41.13 311 P 18 32 13.3 -0.5

MKAR Rakanichi Array 43.61 301 P 18 32 32.9 -1.2

ASAR Alice Springs 62.43 188 P 18 35 06.1 +1.3

REY 12 18:30:23.8, 64.66N:17.49W, h13km

IDC 12 18:30:25.3.0.6, 64.65N:17.72W, h0km, mb3.8/15, mb1 4.0/17, mb1mx3.8/28, mbtmp3.8/17, ML3.2/2, MS3.7/7, Ms1 3.7/7, ms1mx3.4/48, Error ellipse: s-maj=20.5km s-min=11.7km az=25.0

NEIC 12 18:30:26.5.2.0, 64.6N:0.1:17.8W:0.2, h9km, 5km, mb4.5/27, Error ellipse: s-maj=14.6km s-min=12.0km az=177.0

ISC 12 18:30:26.4.0.4, 64.59N:0.04:17.68W:0.04, h10km, n95, e1946/81, mb4.1/24, MS3.8/5, Iceland

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

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

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

MEX 12 18:34:39.8, 0.3, 18.97N, 98.57W, h3km, MD3.5, 2D, mb1 3.9/9, mb1mx3.7/44, mbtmp3.8/9, ML3.5/1, MS2.6/1, MS1 2.6/1, ms1mx2.4/42, Error ellipse: s-maj=49.2km s-min=16.5km az=78.0

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

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

PGC 12 19:09:11.9, 2.4, 50.73N, 130.53W, h10km, MLSn3.2/19, Mw3.8/19, 219km west of Pt. Hardy, Bc Vancouver Island, Canada Region, ID 12 19:09:16.2, 2.1, 50.81N, 129.68W, h0km, mb3.4/1, mb1 3.7/4, mb1mx3.3/54, mbtmp3.3/4, ML3.2, MS2.8/2, Ms1 2.8/2, ms1mx2.5/28, Error ellipse: s-maj=28.8km s-min=21.7km az=102.0

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

JMA 12 19:14:30.5, 4.1, 24N, 142.13E, h56km, 2km, M3.6, JMA Felt J1, NIED 12 19:14:30.5, 4.1, 24N, 142.13E, h56km, MW3.8, Moment Tensor Solution, s3 Moment Tensor: Scale 10^14Nm, Mr1.29, Mw2.25, Mo0.354, Mm3.04, Ms0.38, Mb3.81, Fault plane solution: Ms5.98000x10^14 NPT0.36, 000000, delta3.00000, lambda1.19, 000000, NP2.0.139, 000000, delta3.00000, lambda1.000000

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

IDC 12 19:05:21.8, 6.4, 18.96N, 146.13E, h234km, 35km, mb3.1/4, mb1 3.4/5, mb1mx3.0/58, mbtmp3.9/5, MS3.2/1, Ms1 3.2/1, s-min=27.5km az=79.0, Mariana Islands

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

IDC 12 19:06:55.7, 19.0, 16.26S, 174.52W, h0km, mb4.2/5, mb1 4.3/5, mb1mx3.8/54, mbtmp4.2/5, Error ellipse: s-maj=369.5km s-min=147.2km az=78.0, Tonga Islands

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

PGC 12 19:09:11.9, 2.4, 50.73N, 130.53W, h10km, MLSn3.2/19, Mw3.8/19, 219km west of Pt. Hardy, Bc Vancouver Island, Canada Region

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

IDC 12 19:09:12.0, 1.2, 50.82N, 106.130, 145W, 0.06, h10km, n45, i187/56, Vancouver Island region

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

BUI 12 19:22:46.0, 0.0, 14.4, 40S, 167.40E, h192km, mb5.1/22, mb4.9/35, NEIC 12 19:22:48.7, 1.2, 14.39S, 167.40E, h195km, 5km, mb4.6/119, Error ellipse: s-maj=16.4km s-min=12.1km az=83.0

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HNR, MSVF, EIDS, AFI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GTA, GTA, GTO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LCMT, HILD, SZCU, etc.

BUJ 12 19:31:43.0, 0.3, 63N, 124:75E, h349km, mB4,7/19, mb4,3/36
KLM 12 19:31:50.4, 41N, 124:56E, h359km, mb5, 1
NEIC 12 19:31:50.7, 1.3, 43N, 124:34E, 0.08, h352km, 6km, mb4,6/78, Error ellipse: s-maj=1.2, km s-min=10.3km az=214.0
IDC 12 19:31:51.7, 0.7, 4:29N, 124:28E, h362km, 6km, mb4,0/25, mb1,4/131, mb1mx4,0/50, mbtmp4,8/31, Error ellipse: s-maj=11.3km s-min=6.1km az=86.0
DJA 12 19:31:51.2, 0.2, 4 N, 13:12 E, h351km, 2km, M4,6/58, mb4,8/58, mb5, 1/25, M4,5/124, M4,6/145, 5/25, M4,6/171, M4,6/171
NOU 12 19:31:52.6, 4:27N, 124:33E, h366km, mb4,8, Celebes Sea
ISC 12 19:31:50.5, 0.3, 4, 27N, 124:31E, 0.05, h350km, n233, 0.132/250, mb4,5/85, 2C-5D, Celebes Sea

12d 19h

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Sangihe, Bagumbayan, Don Marcelino, Kidapawan, Davao City, Musuan, Cibinong, Gorontalo, etc.

Table with columns: WRA, Warramunga Arr, 26.05 158, P, P, 19 36 51.9 -1.0. Includes stations like Warramunga Arr, Coen, Pilbara Seismi, Pilbara Seismi, Warramunga Arr, etc.

Table with columns: MK31, Makanchi Array, 55.75 326, P, P, 19 40 52.2 +0.1. Includes stations like Makanchi Array, Makanchi Array, Makanchi Array, etc.

Code Station Name Az AzZ Phase ID Time Res
IDC 12 19:51:47.3z:2.5,24:24S:67:31W, h153km,27km, mb3.4/4,
mb1 3.6/6, mb1mx3.3/32, mbtmp4.0/6, Error ellipse:
s-maj=36.0km s-min=27.0km az=166.0
GUC 12 19:51:47.3z:0.5,24:37S:67:64W, h176km,7km, ML4.3
ISC 12 19:51:46.8z:1.1,24:37S:05:67:5W:0.1, h158km,13km,
n17r, r191726, mb3.6/3,7, Chile-Arentina border
region

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Akbulak array, Ambohianpanom, and various other locations.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like HDA, IL31, ILAR, and various other locations.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like DLBC, DLOCS, DLOS, and various other locations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ELK Elko, TKX Tecate, PFO Pinyon Flats, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like STAL STALIGAL, MFCO Mesa Verde, K22A Caspe, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like JCT Junction City, JCT Junction City, OKCFA Oklahoma City, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like R50A Paris, LATQ La Tuque, X48A Hartselle, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like N59A State Game Lan, N59A State Game Lan, T56A Rocky Mt, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PATCX Punta Patache, NNA Nana, NNA Nana, etc.

TAP 12 20:41:46.0, 23:76N:121:75E, h41km, ML3.2, B
JMA 12 20:41:45.6, 0.2, 23:73N:121:65E, h52km, 4km, M2.8
ISC 12 20:41:47.4, 1.4, 23:77N:121:72E, 0.02, h368m, 1km,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HWA Hwalien, ESL Shilin, etc.

12d 21h

EYUL	Yuli	0.55 221	eP	Pn	20 41 58.5 -0.4
EYUL	baz=223		S	Sn	20 42 07.5 +0.6
WHF	Hehuan Shan	0.56 313	iP	Pn	20 41 58.3 -1.1
WHF	baz=311		iS	Sn	20 42 06.6 -1.0
TWF1	Yuli	0.56 223	iP	Pn	20 41 57.8 -1.3
TWF1	baz=224		S	Sn	20 42 07.0 -0.1
CHGB	Renai	0.58 301	P	Pn	20 41 58.7 -0.8
CHGB	baz=299		S	Sn	20 42 07.1 -0.7
FUSS	Fushou	0.65 318	P	Pn	20 41 59.6 -0.8
FUSS	baz=316		S	Sn	20 42 09.8 +0.3
FULB	Fuli	0.68 215	iP	Pn	20 41 59.9 -0.8
FULB	baz=216		S	Sn	20 42 10.0 -0.1
ENAH	Nanao	0.69 7	eP	Pn	20 41 59.8 -0.9
ENAH	baz=4.0		eS	Sn	20 42 11.1 +0.9
TWT	Tachien	0.69 315	iP	Pn	20 42 00.4 -0.5
TWT	baz=312		iS	Sn	20 42 09.8 -0.8
SSLB	Suanglung	0.70 272	P	Pn	20 41 59.9 -1.0
SSLB	baz=272		eS	Sn	20 42 11.4 +0.9
TDCB	Techi	0.70 314	iP	Pn	20 42 00.5 -0.6
TDCB	baz=312		S	Sn	20 42 10.0 -0.8
NNSB	Datong	0.73 335	P	Pn	20 42 00.5 -0.9
NNSB	baz=333		S	Sn	20 42 10.7 -0.6
NNSH	Datong	0.73 335	P	Pn	20 42 00.6 -0.8
NNSH	baz=333		eS	Sn	20 42 10.6 -0.7
WPL	Puli Township	0.74 290	P	Pn	20 42 00.6 -0.8
WPL	baz=289		S	Sn	20 42 12.3 +0.9
NNS	Nan Shan	0.74 335	iP	Pn	20 42 00.7 -0.8
NNS	baz=333		S	Sn	20 42 11.3 -0.4
YUS	Yu-Shan	0.75 249	iP	Pn	20 42 01.4 -0.6
YUS	baz=249		iS	Sn	20 42 11.5 -0.9
SMLT	Sun Moon Lake	0.76 279	iP	Pn	20 42 01.0 -0.7
SMLT	baz=279		iS	Sn	20 42 11.1 -0.9
WHYT	Xinyi Township	0.79 265	iP	Pn	20 42 01.9 -0.2
WHYT	baz=265		S	Sn	20 42 13.2 +0.4
TYC	Yuchr	0.80 280	iP	Pn	20 42 01.5 -0.7
TYC	baz=280		iS	Sn	20 42 13.6 +0.8
TWC	Suao	0.85 8	P	Pn	20 42 02.5 -0.4
TWC	baz=7.0		S	Sn	20 42 14.6 +0.4
NDT	Datong Townshi	0.85 348	iP	Pn	20 42 02.0 -1.0
NDT	baz=345		iS	Sn	20 42 15.0 +0.7
ELDTW	Lidau	0.86 228	iP	Pn	20 42 01.7 -1.5
ELDTW	baz=229		S	Sn	20 42 14.5 -0.1
WHP	Taichung City	0.87 306	P	Pn	20 42 02.9 -0.4
WHP	baz=305		S	Sn	20 42 15.3 +0.5
ALS	Alishan	0.87 253	iP	Pn	20 42 03.0 -0.5
ALS	baz=253		S	Sn	20 42 14.8 -0.3
EDH	Donghe	0.88 206	P	Pn	20 42 02.6 -0.6
EDH	baz=207		S	Sn	20 42 14.5 -0.2
ENTT	Nioudou	0.88 351	iP	Pn	20 42 02.5 -0.9
ENTT	baz=349		iS	Sn	20 42 14.7 -0.3
WJS	Zhushan	0.91 274	P	Pn	20 42 03.8 +0.1
WJS	baz=273		S	Sn	20 42 16.3 +0.7
WNT	Mingjian	0.95 277	iP	Pn	20 42 04.3 0.0
WNT	baz=276		iS	Sn	20 42 17.5 +0.9
TWE	Neicheng	0.95 357	iP	Pn	20 42 03.6 -0.7
TWE	baz=356		S	Sn	20 42 16.3 +0.3
YHNB	Yeheng	0.95 341	P	Pn	20 42 03.8 -0.6
YHNB	baz=339		S	Sn	20 42 16.0 -0.8
WNT1	Nantou City	0.96 279	eP	Pn	20 42 04.8 +0.4
WNT1	baz=278		S	Sn	20 42 17.5 +0.7
NSK	Sanguang	0.96 340	iP	Pn	20 42 03.9 -0.6
NSK	baz=339		iS	Sn	20 42 16.1 -1.0
CHN5	Tsauling	0.97 260	iP	Pn	20 42 04.3 -0.2
CHN5	baz=260		iS	Sn	20 42 18.0 +0.9
WWF	Wufeng	0.97 287	P	Pn	20 42 04.9 +0.4
WWF	baz=286		S	Sn	20 42 17.9 +0.8
LONT	Longtian	1.01 212	P	Pn	20 42 04.7 -0.4
LONT	baz=213		eS	Sn	20 42 18.2 +0.2
TCU	Taichung	1.02 292	P	Pn	20 42 05.5 +0.3
TCU	baz=291		S	Sn	20 42 19.8 +1.4
NWLT	Wulai	1.03 349	eP	Pn	20 42 05.2 -0.2
NWLT	baz=347		eS	Sn	20 42 18.8 +0.2
TWQ1	Liyutan	1.04 304	iP	Pn	20 42 05.3 -0.2
TWQ1	baz=303		S	Sn	20 42 19.1 +0.3
WGK	Gukeng	1.06 266	P	Pn	20 42 05.4 -0.4
WGK	baz=266		S	Sn	20 42 19.3 0.0
STYK	Tauyuan	1.06 236	iP	Pn	20 42 05.5 -0.4
STYK	baz=236		S	Sn	20 42 19.9 +0.4
NSTT	Nanjuang	1.08 323	iP	Pn	20 42 06.5 +0.4
NSTT	baz=322		iS	Sn	20 42 19.9 +0.1
WDLH	Douliu	1.08 266	eP	Pn	20 42 05.7 -0.4
WDLH	baz=266		S	Sn	20 42 21.2 +1.4
LI0B	Emei	1.08 324	P	Pn	20 42 06.2 +0.1
LI0B	baz=323		S	Sn	20 42 20.5 +0.5

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NSY	Sanyi	1.09 307	P	Pn	20 42 06.0 -0.2
NSY	baz=306		S	Sn	20 42 20.6 +0.6
NTC	Touheng	1.09 5	eP	Pn	20 42 05.0 -1.2
NTC	baz=4.0		eS	Sn	20 42 19.8 -0.2
TPUB	Ta-pu	1.10 245	P	Pn	20 42 06.4 +0.1
TPUB	baz=245		S	Sn	20 42 20.9 +0.6
WCHH	Zhanghua	1.10 287	P	Pn	20 42 06.2 -0.1
WCHH	baz=286		S	Sn	20 42 21.4 +1.0
CHN4	Tsashou	1.11 248	P	Pn	20 42 06.5 +0.1
CHN4	baz=248		iS	Sn	20 42 21.8 +1.3
TWGBT	Beinan	1.11 212	P	Pn	20 42 06.0 -0.5
TWGBT	baz=213		S	Sn	20 42 20.5 0.0
LDUT	Ludao	1.11 192	eP	Pn	20 42 05.5 -1.0
LDUT	baz=193		S	Sn	20 42 19.3 -1.2
NJD	Zhudong	1.12 329	P	Pn	20 42 07.1 +0.5
NJD	baz=328		S	Sn	20 42 21.6 +0.7
WTP	Ta-pu	1.14 243	iP	Pn	20 42 06.7 -0.2
WTP	baz=243		S	Sn	20 42 22.3 +1.0
NMLH	Miaoli	1.14 313	eS	Sn	20 42 21.9 +0.6
WDJ	Dajia District	1.14 301	P	Pn	20 42 06.8 -0.1
WDJ	baz=300		S	Sn	20 42 22.1 +0.8
NHHD	Xindian Distri	1.21 352	eP	Pn	20 42 07.7 -0.1
NHHD	baz=350		S	Sn	20 42 22.6 -0.3
TIPB	Shuangxi	1.21 5	P	Pn	20 42 08.4 +0.6
TIPB	baz=3.0		eS	Sn	20 42 22.4 -0.5
CHY	Chiayi	1.21 258	eP	Pn	20 42 07.1 -0.7
CHY	baz=257		eS	Sn	20 42 24.4 +1.3
TWA	Mucha	1.22 354	P	Pn	20 42 07.6 -0.3
TWA	baz=353		S	Sn	20 42 23.1 -0.1
WTK	Tuku	1.22 267	eP	Pn	20 42 07.7 -0.3
WTK	baz=266		eS	Sn	20 42 24.0 +0.8
TATO	Taipei	1.22 350	P	Pn	20 42 08.4 +0.3
TATO	baz=349		S	Sn	20 42 24.2 +0.9
TWK	Hsinying	1.23 246	eP	Pn	20 42 07.8 -0.4
TWK	baz=246		S	Sn	20 42 23.9 +0.3
CHN1	Nanshi	1.23 242	eP	Pn	20 42 07.3 -0.9
CHN1	baz=242		S	Sn	20 42 24.2 +0.6
SGST	Jiashian	1.24 237	P	Pn	20 42 07.7 -0.7
SGST	baz=237		eS	Sn	20 42 24.0 +0.2
SNST	Tainan City	1.24 244	eP	Pn	20 42 08.4 +0.1
SNST	baz=244		S	Sn	20 42 25.4 +1.6
SLGT	Liugui	1.25 232	eP	Pn	20 42 08.7 +0.3
SLGT	baz=232		eS	Sn	20 42 24.7 +0.8
RLNB	Erin	1.25 276	eS	Sn	20 42 25.4 +1.5
NTY	Taoyuan	1.29 343	P	Pn	20 42 08.8 -0.1
NTY	baz=342		eS	Sn	20 42 25.1 +0.2
JYNG	Yonangunijimaku	1.31 58	P	Pn	20 42 09.8 +0.5
JYNG	baz=58		S	Sn	20 42 25.4 +0.8
ECL	Taimali	1.36 211	eP	Pn	20 42 08.5 -1.3
ECL	baz=211		S	Sn	20 42 27.6 +0.6
YOJ	Yonaguni jima	1.37 59	P	Pn	20 42 10.5 +0.4
YOJ	baz=59		S	Sn	20 42 27.5 +0.6
YOJ	Yonaguni jima	1.37 59	eP	Pn	20 42 09.8 -0.3
YOJ	baz=58		eS	Sn	20 42 27.4 +0.3
YSF	Szhu	1.38 265	eP	Pn	20 42 11.0 -0.3
YSF	baz=264		eS	Sn	20 42 27.4 -0.2
YM04	YM04	1.39 353	eP	Pn	20 42 09.4 -1.0
YM04	baz=352		eS	Sn	20 42 29.9 -0.6
YM10	YM10	1.39 354	eP	Pn	20 42 09.9 -0.6
YM10	baz=353		S	Sn	20 42 27.6 -0.2
YM05	YM05	1.40 354	P	Pn	20 42 11.0 +0.2
YM05	baz=353		eS	Sn	20 42 29.5 +1.3
YM03	YM03	1.42 354	eP	Pn	20 42 10.7 -0.1
YM03	baz=352		eS	Sn	20 42 29.1 +0.9
SSD	Sandimen	1.42 225	eP	Pn	20 42 09.9 -0.8
SSD	baz=225		eS	Sn	20 42 09.8 -1.0
YM08	YM08	1.42 355	eP	Pn	20 42 29.0 +0.7
YM08	baz=354		eS	Sn	20 42 28.8 +0.1
SCST	Cishan	1.42 232	eP	Pn	20 42 11.3 +0.3
SCST	baz=232		eS	Sn	20 42 29.7 +0.9
CHN8	Yiju	1.44 254	eS	Sn	20 42 11.2 -0.9
CHN8	baz=253		eS	Sn	20 42 30.6 -0.1
TSMG	Majia	1.44 223	eP	Pn	20 42 17.9 +0.2
TSMG	baz=223		eS	Sn	20 42 41.8 +1.1
MASBT	Mashibuluo	1.52 221	eP	Pn	20 42 40.7 -0.2
MASBT	baz=221		eS	Sn	20 42 21.3 +0.5
IRIF	Iriomote-Funau	1.93 72	P	Pn	20 42 48.1 +1.9
IRIF	baz=72		S	Sn	20 42 22.6 -0.2
HATJ	Hateruma jima	1.93 81	S	Sn	20 42 48.9 -0.9
HATJ	baz=81		eS	Sn	20 42 45.4 -0.3
JKRS	Kuro-shima	2.15 77	P	Pn	20 42 54.4 -0.6
JKRS	baz=77		S	Sn	20 42 30.5 -0.1
JJI	Ishigaki jima	2.30 74	P	Pn	20 43 04.4 +0.6
JJI	baz=74		S	Sn	
JISG	Ishigakijimahi	2.51 70	P	Pn	
JISG	baz=70		S	Sn	
JTJ	Tarama	2.86 72	P	Pn	
JTJ	baz=72		S	Sn	

JYNG	Yonaguni jima	0.31 60	P	Sn	21 20 54.4 +1.1
YOJ	Yonaguni jima	0.31 60	P	Sn	21 20 46.4 +1.0
YOJ	Yonaguni jima	0.31 60	iP	Sn	21 20 54.9 +1.0
YOJ	baz=53		S	Sn	21 20 46.5 +1.0
YOJ	Yonaguni jima	0.31 60	P	Sn	21 20 46.3 +0.8
ENAH	Nanao	0.84 280	P	Sn	21 20 54.7 +0.8
ENAH	baz=278		iS	Sn	21 20 51.2 +0.5
TWC	Suao	0.85 291	iP	Pn	21 21 04.0 +1.0
TWC	baz=296		iS	Sn	21 21 03.2 0.0
IRIF	Iriomote-Funau	0.92 88	P	Sn	21 20 52.7 +1.1
IRIF	baz=88		iS	Sn	21 21 05.9 +1.1
TWB1	Santiao Chiao	0.96 317	iP	Sn	21 20 52.5 +0.4
TWB1	baz=323		S	Sn	21 21 06.1 +0.4
NTC	Toucheng	0.97 304	eP	Pn	21 20 53.3 +1.0
NTC	baz=303		eS	Sn	21 21 06.0 +0.1
ILA	Ilan	0.99 297	iP	Pn	21 20 53.6 +1.0
ILA	baz=296		iS	Sn	21 21 07.7 +1.4
HATJ	Hateruma jima	1.02 104	P	Sn	21 20 54.8 +1.9
HATJ	baz=104		S	Sn	21 21 09.3 +2.3
NACB	Ninganchiao	1.03 263	iP	Sn	21 20 53.6 +0.5
NACB	baz=262		S	Sn	21 21 07.3 +0.1
NACB	Ninganchiao	1.03 263	iP	Sn	21 20 53.5 +0.5
NACB	baz=263		S	Sn	21 20 54.0 +0.1
TWE	Neicheng	1.04 293	iP	Pn	21 20 54.0 +0.9
TWE	baz=299		iS	Sn	21 21 08.6 +1.2
TIPB	Shuangxi	1.05 309	iP	Sn	21 21 03.8 +0.6
TIPB	baz=308		iS	Sn	21 21 07.9 +0.3
TWD	Chian	1.05 258	iP	Pn	21 20 53.8 +0.6
TWD	baz=249		iS	Sn	21 21 07.4 -0.1
HWA	Hwalien	1.07 252	P	Sn	21 20 54.4 +1.0
HWA	baz=251		S	Sn	21 21 08.3 +0.3
ENTT	Nioudou	1.10 288	iP	Pn	21 20 55.1 +1.3
ENTT	baz=285		iS	Sn	21 21 09

az=47.0
IDC 12 21:52:00.7,2.5,4.34S,102.06E,h70km,19km,mb4.1/14,
mb1.4/217,mb1mx3.9/37,mbtmp4.4/17,MS3.5/3,
Ms1.3/5.3,ms1mx3.2/25,Error ellipse: s-maj=33.6km
s-min=9.6km az=48.0

ISC 12 21:51:57.0,0.5,4.46S,107.102.00E,0.06,h37km,n120,
e1949/115,mb4.6/41,I,SD,OuterSumatera

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

GTA comp=2.2,0nm,0.9s pmax pmax
HHC Hu-ho-hao-te 45.94 10 eP P 22 00 16.3 -0.1
HHC comp=2.3,0nm,0.8s pmax pmax

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists seismic stations including STKA, STKA, HHC, STKA, NIL, etc.

IDC 12 22:34:22.2,4.4, 4.81N, 127.60E, h120km,45km, mb3.2/8,
mb1.3/9,mb1mx3.2/33,mbtmp3.6/9, Error ellipse:
s-maj=45.6km s-min=17.1km az=82.0

ISC 12 22:34:20.2,0.9,4.9N,0.1x127.5E,0.3,h108km,n9,
e101/9,mb3.4/8,Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists seismic stations including SJI, SJI, FITZ, WRA, ASAR, USRK, etc.

IDC 12 23:25:51.2,6.8, 27.44N,87.93E, h0km,mb3.9/4,
mb1.3/9.5,mb1mx3.4/53,mbtmp3.7/5,ML3.1/1, Error
ellipse: s-maj=123.6km s-min=54.2km az=175.0, Nepal

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists seismic stations including MKAR, MKAR, KURBB, SONM, etc.

IDC 12 23:44:01.3,1.4, 13.50N,145.59E, h0km,mb3.6/4,
mb1.3/9.4,mb1mx3.4/49,mbtmp3.6/4, Error ellipse:
s-maj=26.2km s-min=24.5km az=53.0

NEIC 12 23:44:08.1,0.9, 13.41N,0.08,145.37E,0.09,
h40km,10km,mb4.3/7,ML3.7/4,Error ellipse: s-maj=12.1km
s-min=10.9km az=77.0

ISC 12 23:44:07.9,0.9, 13.5N,0.1x145.4E,0.1,h45km,n14,
e077/14,mb4.0/9,Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists seismic stations including GUMO, GUMO, WRA, WRA, etc.

comp=2.0,2nm,0.6s,baz=254,slow=6.1,SNR=4.4
TOLK Toolik Lake Re 68.57 21 P P 23 56 03.7 +0.5
TOLK comp=2.1,9nm,1.1s I Amb I Amb 23 55 14.5

IDC 12 23:51:24.2,0.8,30.98N,131.36E, h0km,mb3.9/17,
mb1.3/9.2,mb1mx3.8/57,mbtmp3.8/22,ML3.0/5,MS3.2/4,
Ms1.3/2.4,ms1mx2.8/37, Error ellipse: s-maj=21.7km
s-min=17.0km az=88.0

JMA 12 23:51:30.2,0.1,31.11N,131.52E, h29km,1km, M3.7
Broadband fault plane solution: P waves. NP1:
phi=35.00000°, delta=2.00000°, lambda=105.00000°. NP2:
phi=191.00000°, delta=8.00000°, lambda=8.00000°. Principal axes:
T P1g23.0000°, Azm276.0000°, N P1g6.0000°,
Azm8.0000°; P P1g66.0000°, Azm111.0000°;

NEIC 12 23:51:35.6,2.6,31.44N,0.09,131.05E,0.06,h56km,5km,
mb4.5/16, Error ellipse: s-maj=13.45km s-min=7.4km
az=181.0

ISC 12 23:51:29.9,1.1,31.12N,0.03,131.48E,0.05,h32km,7km,
n172,e1912/75,mb4.3/27,7C-3P, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists seismic stations including JNAR, JNAR, JTSR, etc.

comp=2.8,0nm,0.8s
ULN Ulanbaatar 25.04 319 P P 23 56 51.1 -0.1
ULN Songino Array 25.40 318 P P 23 56 54.1 -0.4

SONM comp=2.1,6nm,0.8s,baz=140,slow=9.7,SNR=9.6
SONM Songino Array 25.40 318 P P 00 08 00.3
SONM KMI Kunming 25.99 264f P P 23 56 53.5 -0.9

GTA Gaotai 27.04 297 eP P 23 57 09.8 +0.4
GTA pP sP 23 57 24.4 +1.8
GTA pP sP 23 57 30.4 +1.2

GTA comp=2.2,0nm,1.3s pmax pmax
GTA comp=2.230nm,6.7s LR LR

GTA comp=N,310nm,15.6s LR LR
GTA comp=E,240nm,14.9s LR LR

CMAR Chiang Mai Arr 31.99 254 P P 23 57 51.9 -1.4
H1N2 WAKE ISLAND HV 33.80 101 T T 00 33 56.9

H1N1 WAKE ISLAND HV 33.81 101 T T 00 34 02.0
H1N3 WAKE ISLAND HV 33.82 101 T T 00 34 03.1

SEY Seychan 34.53 17 LR LR 00 10 04.2
WMQ Urumqi 36.58 303 eP P 23 58 34.4 +1.4

ZALV Zalesovo Beam 40.29 318 P P 23 59 03.6 -0.3
MKAR Makanchi Arr 40.64 307 P P 23 59 05.9 -1.0

MKAR comp=2.0,2nm,0.7s,baz=69,slow=1.8,SNR=2.2
MKAR Makanchi Arr 40.64 307 P P 23 59 08.0 -1.2

KURBB Kurchatov Arr 43.43 313 P P 23 59 28.6 -1.0
KURB Kurchatov Arr 43.43 312 P P 23 59 29.2 -0.8

KSH Kashi 45.44 297 P P 23 59 47.1 +1.1
KSH comp=2.3,0nm,0.7s pmax pmax

BVAR Borovoye Array 46.88 315 P P 00 00 09.9 -1.0
BRVK Borovoye 48.74 315 P I Amb I Amb 00 00 11.4

KKAR Karatay Array 49.08 302 P P 00 00 14.1 -0.1
WRA Warrungarra Arr 50.84 177 P P 00 00 25.3 -2.3

WRA Warrungarra Arr 50.84 177 P P 00 00 33.5 +5.8
WRA Warrungarra Arr 50.84 177 P P 00 00 36.7 +9.0

ASAR Alice Springs 54.52 177 P P 00 00 54.3 -0.5
ARU Arti 55.42 320 P I Amb I Amb 00 01 14.6

ABKAR Abkulak array 55.49 311 P P 00 01 00.5 -1.1
PPLA Purkeylie 56.64 32 P P 00 01 11.3 +5.1

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like FINES, RES, ASKAS, BRTR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PLCA, TORD, ASAR, WRA, NVAR.

JMA 13 00:32:57.0±1.4, 23.70N±122.87E, h53km, M3.1
TAP 13 00:32:58.3±2.3, 23.76N±122.85E, h32km, ML3.5, C
ISC 13 00:32:57.1±1.4, 23.659N±122.86E±0.02, h27km±14km,

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TWG, YMO1, YMO10, YMO5, YMO8, YMO4.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ALS, JTJ, LIOB, NSTT.

IDC 12 23:54:44.6±1.3, 36.37N±69.32E, h78km±56km, mb3.0/1,
mb1 3.0/6, mb1mx2.8/42, mbtmp3.3/6, ML3.1/5, Error
ellipse: s-maj=75.5km s-min=20.7km az=157.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AML, KK31, UCH, EK2S, AAK, AAK, AAK, AAK, AAK, USP, GEYT, MKAR, KURBB, BVAR, ZALV.

Code Station Name Azimuth Phase ID Time Res ISC
Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HATJ, IRIF, JKRS, ENAH, TWD, NACB, NACB, TWC, EGFH, ESL, JIJ, HGSD, ETNH, ETLH, ETLH, EHY, EHY, EYUL, YULB, YULB, TWF1, TWF1, CHKT, TWE, TWE, ENT, ENT, FULB, NDT, NDT, WHF, WHF, NNSB, NNSB, NNSH, NNSH, NNS, NNS, JISG, JISG, FUSS, FUSS, TIPB, TIPB, CHGB, CHGB, EDH, EDH, LDUT, LDUT, TWT, TWT, NWLT, NWLT, NWLT, YHNB, YHNB, NSK, NSK, TWA, TWA, SSSL, SSSL, ELDTW, ELDTW, ELDTW, LONT, LONT, WPL, WPL, TATO, TATO, SMLT, SMLT, TTN, TTN, TTN, WHP, WHP, TYC, TYC, TWGBT, TWGBT, TWGBT, TWG, TWG.

HEL 13 00:57:12.9±7.75N±20.11E, h0km, ML1.7, Explosion
UPP 13 00:57:13.7±0.0, 67.82N±20.20E, h0km, ML2.7,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KUA, KUA, KUA, KUA, RATU, RATU, KOUV, KOUV, NIKU, NIKU, LANU, LANU, LANU, LANU, DUNU, DUNU, MASU, MASU, SALU, SALU, SALU, SALU, KIF, KIF, KIF, PAJU, PAJU, PAJU, KTK1, HARU, HARU, HARU, TOF, TOF, TOF, SGF, SGF, SGF, RNF, RNF, RNF, ARAO, ARAO, KU6, KU6.

NEIC 13 00:03:10.2±4.25±0S±0.1±12.7W±0.1, h10km±1km,
mb4.8/23, Error ellipse: s-maj=21.8km s-min=16.8km
az=123.0

IDC 13 00:03:10.4±8.2±25±12S±12±51W, h0km, mb3.9/3,
mb1 4.0/3, mb1mx3.7/20, mbtmp3.9/3, MS3.6/3, Ms1 3.6/3,
ms1mx3.2/24, Error ellipse: s-maj=210.7km s-min=44.0km
az=57.0

ISC 13 00:03:10.1±0.6±25±0S±0.1±12.7W±0.1, h10km±n29,
±1520/27, mb4.6/13, MS3.5/3, Southern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SHEL, ASCN, DBIC, BOSA, BDFB, LBTF, KOWA, TORD, TORD, ZONZ, TAM, CO01, AC05, AC05, GO02, PATCX, BELA, COI, GSPA, SDV, SDV, SJG, CTI, SOCY, SOCY, AKASG, LMN, BCX, L59A, L59A, V55A, V55A, L56A, L56A, S54A, S54A.

IDC 13 00:10:28.1±1.3, 52.65S±28.93E, h0km, mb3.6/4,
mb1 3.8/4, mb1mx3.7/17, mbtmp3.6/4, MS3.6/3, Ms1 3.2/3,
ms1mx3.1/15, Error ellipse: s-maj=73.8km s-min=35.4km
az=56.0

ISC 13 00:10:29.7±1.1, 52.65S±28.7E±0.3, h10km±n13,
±1875/10, mb3.8/4, MS3.4/3, 1C-1D, South of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SYO, SYO, MAW, SNAZ, SNAZ, VNA2, VNA1, VNA3, VNA4, VNA4.

Code Station Name Azimuth Phase ID Time Res ISC
Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WHF, WHF, NNSB, NNSB, NNSH, NNSH, NNS, NNS, JISG, JISG, FUSS, FUSS, TIPB, TIPB, CHGB, CHGB, EDH, EDH, LDUT, LDUT, TWT, TWT, NWLT, NWLT, NWLT, YHNB, YHNB, NSK, NSK, TWA, TWA, SSSL, SSSL, ELDTW, ELDTW, ELDTW, LONT, LONT, WPL, WPL, TATO, TATO, SMLT, SMLT, TTN, TTN, TTN, WHP, WHP, TYC, TYC, TWGBT, TWGBT, TWGBT, TWG, TWG.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like KUA Kurraavaara, RATU Laukkuluspa, KUVU Salmi, etc.

IDC 13 01:01:31.8:0.5, 17.70N:148.16E, h0km, mb4.4/30, mb1.4/5.31, mb1mx4.5/4.7, mbtmp4.4/31, ML4.4/1, MS3.8/16, Ms1.3/8.16, ms1mx3.6/3.5, Error ellipse: s-maj=18.0km s-min=10.7km az=102.0

GCMT 13 01:01:37.4:0.3, 17.70N:0.03:148.20E:0.02, h20km, 1km, MV4.9/87, Moment Tensor Solution. s19,c20; s87,c108; Duration: 0 Moment tensor: Scale 10^19Nm, Mr=2.54:19; Mw=0.28:10; Mm=2.82:13; Mo=1.32:21; Mb=0.06:0.07; Mo=0.48:18; Best double couple: M3,0.5200:0.16; N1=1.5:15.0000; N2=0.43:0.0000; N3=5.0:0.0000; N4=1.51:0.0000; N5=0.0000:1.18:0.0000; Principal axes: T: 2.9430, Plg7.0000; Azm261.0000; N: 0.2180; Plg23.0000; Azm167.0000; P: -3.1620, Plg66.0000; Azm7.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 13 01:01:37.4:0.6, 17.72N:0.10:148.0E:0.1, h34km, 2km, mb4.7/97 Error ellipse: s-maj=18.9km s-min=10.0km az=126.0

BUI 13 01:01:38.3:0.0, 18.04N:147.77E, h30km, mb5.1/15, mb4.5/35, MS4.6/8, MS2.4/8

ISC 13 01:01:35.5:0.5, 17.58N:0.06:148.07E:0.09, h21km, n171, m074/159, mb4.7/75, MS3.7/17, Mariana Islands region

Main table of station data for the Mariana Islands region, including columns for Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Lists numerous stations like GUMO, INU, JGF, MJAR, etc.

Main table of station data for the Taiwan region, including columns for Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Lists numerous stations like STKA, BBOO, GSI, etc.

Table of station data for the Taiwan region, including stations like H17A, FLYW, MOOW, etc.

Table of station data for the Taiwan region, including stations like PDAR, TMUT, U15A, etc.

Table of station data for the Taiwan region, including stations like PV23, PV14, PV19, etc.

Table of station data for the Taiwan region, including stations like PV07, PV16, PV11, etc.

Table of station data for the Taiwan region, including stations like PV03, PV13, PV10, etc.

Table of station data for the Taiwan region, including stations like PV01, SMCO, SMCO, etc.

Table of station data for the Taiwan region, including stations like N23A, ULM, ULM, etc.

IDC 13 01:17:08.1:0.10, 17.33N:147.84E, h0km, mb3.5/5, mb1.3/6.5, mb1mx3.5/2.6, mbtmp3.5/5, Error ellipse: s-maj=401.7km s-min=26.5km az=82.0, Mariana Islands region

Table of station data for the Mariana Islands region, including stations like WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNSB Datong, NNS Nan Shan, JISG Ishigakijimahi, etc.

IDC 13 01:45:19.0±2.3, 15°49'S-174°95'W, h247km, 31km, mb3.2/5, mb1 3.5/6, mb1mx3.3/33, mbtmp3.8/6, Error ellipse: s-maj=136.7km s-min=17.7km az=148.0

ISC 13 01:45:19.0±1.8, 15.55S±0.7, 174.8W±0.3, h250km, n8, ±120/9, mb3.3/5, Tonga Islands

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

IDC 13 02:16:33.0±2.4, 5.96S-130°34'E, h0km, mb3.5/1, mb1 3.6/4, mb1mx3.4/27, mbtmp3.4/4, ML3.2/3, Error ellipse: s-maj=95.0km s-min=29.5km az=77.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 13 02:18:33.2±2.3, 5.6°27'N-113°77'E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.3/33, mbtmp3.2/4, ML3.0/1, Error ellipse: s-maj=67.9km s-min=27.8km az=127.0

BYKL 13 02:18:33.1±0.2, 5.6°12'N-113°75'E, h4km, 3km MOS 13 02:18:33.5±1.5, 5.6°10'N-113°80'E, h19km, mb3.5/1, Error ellipse: s-maj=14.6km s-min=8.4km az=67.3

ISC 13 02:18:34.1±0.8, 5.6°08'N-113.76°E±0.02, h18km±2km, n38, ±232/80, mb3.5/3, 6C-1D, East of Lake Baykal

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOA Uoyan, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, NIZ Nizh Angarsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OGRR comp=Z,1.13nm,0.6s, YKLR Yukтали, TYRgan, KPC Khapcheranga, etc.

DJA 13 02:19:19.9±1.6, 3°S-3°12'E±1, h35km±30km, M3.5/10, ML3.5/10, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUWI Luwuk, APMI Ampana, TTSI Tana Toraja, etc.

KRSC 13 02:25:18.8±1.1, 51.98N-158.91E, h105km±11km, ML4.1, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUS Russkaya, KDRR Khodutka, KDRR Mutnovka, etc.

JMA 13 02:26:57.2, 34.95N-134.59E, h14km, M3.6-3C-3D Broadband fault plane solution: P waves. NP1: ±232.00000°, ±87.00000°, A-177.00000°. NP2: ±141.00000°, ±87.00000°, A-20.00000°. Principal axes: T P1g12.0000°, Azm188.0000°; N P1g70.0000°, Azm313.0000°; P P1g16.0000°, Azm95.0000°; Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKS Kasai, JKS Kasai, JAD Aida, etc.

SOME 13 02:33:17.7, 43°33'N-83°43'E, h0km NNC 13 02:33:19.8±2.6, 43°38'N-83°48'E, h0km, mb3.6, mpv3.2

Error ellipse: s-maj=21.2km s-min=10.3km az=136.0
ISC 13 02:33:23.1+1.9,43.42N,008.8336E,0.07,h10km,n31,
s183/46,9C-5D,Northern Xinjiang

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Ketmen, KATMS, DJR, PDGK, etc.

ISC 13 02:40:39.8,35.81N,29.68E,h8km,ML2.77
DDA 13 02:40:45.0,36.37N,29.72E,h7km,2km,ML2.3
ISC 13 02:40:42.5,1.6,36.01N,0.008,29.59E,0.04,h26km,8km,
n14,1199/23,Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AKAS, KURB, KURK, etc.

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

TEH 13 03:20:24.0,32.33N,56.40E,h10km,ML3.6,Northern
and central Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TPVR, IBAF, TKDS, etc.

ISC 13 04:16:14.3,4.3,40.32N,31.40W,h0km,mb3.6/4,
mb1 3.7/4,mb1mx3.3/42,mbtmp3.7/4, Error ellipse:
s-maj=99.6km s-min=47.1km az=63.0

ISC 13 04:16:24.0,1.8,40.39N,0.08,29.2W,0.2,h10km,n16,
s18/15,Azores Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CEDROS, ROSA, CALA, etc.

ANF 13 04:26:16.5,1.0,41.88N,119.59W,h8km,11km,ML2.9/12,
Error ellipse: s-maj=5.7km s-min=2.6km az=82.0

REN 13 04:26:17.0,1.7,41.89N,0.04,119.63W,0.03,h10km,5km,
ML2.9/5,ML3.1/19(SEA),ML2.6/54(NEIC), Error ellipse:
s-maj=2.7km s-min=2.7km az=167.0

SEA 13 04:26:17.7,1.8,41.83N,0.01,119.62W,0.03,h0km,6km,
Error ellipse: s-maj=3.0km s-min=1.5km az=58.0

NEIC 13 04:26:17.0,0.8,41.88N,0.02,119.60W,0.03,h10km,5km,
Error ellipse: s-maj=3.0km s-min=2.5km az=52.0

ISC 13 04:26:16.9,1.3,41.89N,0.03,119.61W,0.03,h4km,11km,
n51,0087/64,Nevada

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MOD, K05A, L04D, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SVIC, PINE, PAHR, etc.

ISC 13 04:29:40.3,0.7,41.54N,119.72W,h0km,mb3.2/2,
mb1 3.5/5,mb1mx3.3/41,mbtmp3.2/5,ML2.7/5,MS3.2/5,
Ms1 3.2/5,ms1mx2.9/23, Error ellipse: s-maj=15.3km
s-min=5.5km az=11.0

ANF 13 04:29:41.8,0.7,41.85N,119.63W,h2km,6km,ML3.9/19,
Error ellipse: s-maj=3.8km s-min=2.3km az=108.0

REN 13 04:29:42.9,1.3,41.89N,0.03,119.62W,0.03,h0km,3km,
ML3.8/6,ML3.8/52(SEA),ML3.5/87(NEIC),
Mw4.071(NEIC), Error ellipse: s-maj=4.8km s-min=2.7km
az=162.0

NEIC 13 04:29:42.8,4.1,88N,119.62W,h13km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mw:0.05;
Mw-0.64; Mw0.60; Mw-0.49; Mw-0.18; Mw-0.83; Fault
plane solution: Mo:1.6000x10^15 NP1:123.710000,
s33,970000, s1,177,680000, NP2:215.630000, s88,700000,
s56,050000, Principal axes: T 1.2023, P1g37,0000,
Azms96,0000; N -0.0926, P1g34,0000; Azm216,0000; P
1.1037, P1g35,0000; Azms34,0000;

NEIC 13 04:29:43.1,1.6,41.84N,0.04,119.56W,0.03,h10km,5km
Error ellipse: s-maj=5.5km s-min=3.5km az=170.0

SEA 13 04:29:44.3,1.8,41.85N,0.04,119.64W,0.03,h0km,6km,
Error ellipse: s-maj=5.4km s-min=3.0km az=186.0

ISC 13 04:29:42.3,1.4,41.88N,0.03,119.60W,0.03,h4km,12km,
n113,0190/119,Nevada

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MOD, LKVV, WVOR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LHEM, M03C, L04D, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TPH, MDPB, OMMB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like (MARRUECOS), CNRM, INMG, etc.

MW5.0/1, Moment Tensor Solution. s31,c36; s91,c136;
 Duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r-1.44±.18;
 M₁-1.82±.11; M₂-3.26±.13; M₃-1.52±.20; M₄-0.34±.10;
 M₅-2.63±.22; Best double couple: M₀4.07300×10¹⁶
 NP1: 324.00000°, 633.00000°, -155.00000°. NP2:
 213.00000°, 677.00000°, -59.00000°. Principal axes:
 T 4.5760, Plg25.0000°, Azm279.0000°; N -1.0070,
 Plg30.0000°, Azm25.0000°; P -3.5690, Plg49.0000°,
 Azm157.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function
 ISC 13 05:25:56.3-0.6, 30.82N, 0.03-131°E, 0.03, h17km, 3km,
 n452, 1964/466, m5.0/157, MS4.3/41, 42C-31D, Fault
 plane solution: NP1: 236.87416°, 662.50840°,
 -1.59, 72.297°. NP2: 207.34°, 639.99692°, -1.134, 0.9418°.
 Principal axes: T Plg12.4323°, Azm305.4622°; N
 Plg26.5673°, Azm41.7913°; P Plg60.2401°,
 Azm192.7835°; Kyuzo

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JTN	Tanegashima 3	0.46	275	Op	05 27 09.2 +1.2	
JTN		0.46	275	Op	05 27 16.8 +1.0	
JMTN	Minamitama	0.57	217	Op	05 27 11.2 +1.6	
JMTN		0.57	217	Op	05 27 20.0 +1.5	
JTSR	Tashihiro 2	0.74	318	Op	05 27 12.5 +0.5	
JTSR		0.74	318	Op	05 27 22.8 +0.3	
JNAR	Kushima-Naru	0.93	347	Op	05 27 15.3 +1.1	
JNAR		0.93	347	Op	05 27 27.7 +0.3	
JYAK	Yakushimahirau	0.94	247	Op	05 27 16.2 +1.5	
JYAK		0.94	247	Op	05 27 28.7 +1.0	
JNKG	Nichinankitago	1.05	354	Op	05 27 17.4 +0.8	
JNKG		1.05	354	Op	05 27 30.9 +0.4	
JNKG	Kuchinoerabu	1.14	263	Op	05 27 18.6 +0.2	
JNKG		1.14	263	Op	05 27 33.6 +0.2	
JSU	Suzuyama	1.26	315	Op	05 27 35.0 -0.7	
JSU		1.26	315	Op	05 27 19.8 +0.2	
JSU		1.26	315	Op	05 27 34.9 +0.5	
JTZ	Takazaki	1.33	344	Op	05 27 21.3 +0.5	
JTZ		1.33	344	Op	05 27 37.4 +0.1	
JNN	Nakanoshima	1.61	242	Op	05 27 25.4 -0.2	
JNN		1.61	242	Op	05 27 45.3 -0.3	
JTSN	Tsuno	1.62	360	Op	05 27 24.7 +0.6	
JTSN		1.62	360	Op	05 27 44.3 -0.3	
JZO	Okuchi	1.71	333	Op	05 27 26.3 -0.9	
JZO		1.71	333	Op	05 27 46.5 -0.2	
JSJ	Shimokoshiki	1.86	305	Op	05 27 27.0 -0.4	
JSJ		1.86	305	Op	05 27 48.7 -1.9	
JNU	Nakatsue	2.55	348	Op	05 27 38.1 +1.2	
JNU		2.55	348	Op	05 28 06.8 -0.9	
JMN	Monobe	3.70	32	Pn	05 27 54.0 +1.4	
JMN		3.70	32	Pn	05 28 32.5 +3.4	
JTU	Tsushima	4.28	336	Pn	05 28 01.9 +1.3	
JHS	Saijyo	4.57	17	Pn	05 28 06.2 +1.5	
JMZ	Minamidaito 2	4.79	183	Pn	05 28 09.4 +1.8	
JMZ		4.79	183	Pn	05 28 59.5 -3.2	
JWI	Wachi	5.69	34	Pn	05 28 21.8 +1.8	
JWI	Inuyama	6.61	43	Pn	05 28 35.1 +2.4	
TJN	Taejon	6.71	330	CeP	05 28 35.1 +1.2	
JSG	Sagara	6.93	53	Pn	05 28 39.7 +2.6	
JGF	Kuroka	6.98	43	Pn	05 28 39.7 +1.9	
KSRS	Korea Array	7.44	337	P	05 28 45.8 +1.8	
KSRS		7.44	337	P	05 30 07.2 -0.7	
KSAR	Wonju Array Be	7.44	337	P	05 28 46.6 +2.6	
KSAR	Wonju Array Be	7.44	337	P	05 28 46.6 +2.6	
JHJ	Hachiojima 2	7.47	68	P	05 28 47.3 +2.9	
JHJ		7.47	68	P	05 30 06.3 -2.4	
JHJ		7.47	68	P	05 31 28.2	
JHJ2	Mitsune	7.49	66	Pn	05 28 46.5 +1.8	
KS19	Wonju Array Si	7.50	337	Pn	05 28 46.3 +1.4	
INCN	Inchon	7.95	331	Pn	05 28 52.4 +1.3	
INCN	Inchon	7.95	331	Pn	05 28 52.4 +1.3	
MAJO	Matsushiro	8.13	42	P	05 28 55.0 +1.4	
MAJO	Matsushiro	8.13	42	Pn	05 28 55.4 +1.9	
MAT	Matsushiro	8.13	42	Pn	05 28 55.8 +2.2	
MAT		8.13	42	Pn	05 30 23.6 -1.5	
MJAR	Matsushiro Arr	8.13	42	P	05 28 56.6 +3.1	
MJAR		8.13	42	P	05 32 32.7	
MJAR		8.13	42	P	05 28 55.9 +2.3	
JYT	Yasato	8.16	50	Pn	05 29 10.0 +2.4	
JCJ	Chichijima	10.00	108	LR	05 32 41.1	
JMM	Marumori	10.55	44	Pn	05 29 30.3 +3.7	
YHN	Yeheng	10.76	239	Pn	05 29 30.0 +0.4	
NJ2	Nanjing	10.91	281	eP	05 29 33.6 +1.9	
NJ2		10.91	281	eP	05 32 06.4 -1.0	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10.91	281	eP	05 36 22.5 +0.7	
NJ2		10.91	281	eP	05 36 39.0 -4.4	
NJ2		10.91	281	eP	05 37 08.6 +8.9	
NJ2		10.91	281	eP	05 32 20.0 +0.6	
NJ2		10.91	281	eP	05 32 20.1 +5.8	
NJ2		10				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like ARSA Arzberg, HAPS Han Pijesak, MFID Camas Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like BGT Bolshoye Golou, KAB Kabansk, LSTR Listvyanka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like SYVR Suvo, ORL Orlik, YLYR Ulyunkhan, etc.

MOS 13 05:41:20.6±1.1, 52.03N, 105.77E, h9km, mb3.6/1 Error ellipse: s-maj=12.3km s-min=9.0km az=45.3 MOS Felt (III) at Bolshoye Goloustnoye; (II-III) at Irkutsk; (II) at Shelekhov. BYKL 13 05:41:21.9±0.1, 52.08N, 105.68E, h18km±2km, FELT I=III-IV MSK at Bolshoye Goloustnoe, III at Kabansk, II-III at Irkutsk, II at Shelekhov. ISC 13 05:41:21.0±0.7, 52.07N, 105.76E, 0.02, h10km, n37, c195/76, 6C-3D, Lake Baykal region

Table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like KUR15, KURBB, KUR05, etc.

Station data for stations 601-700, including coordinates and station names like KUR15, KURBB, KUR05, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like CPUP, ETMB, PLTB, etc.

Station data for stations 701-800, including coordinates and station names like CPUP, ETMB, PLTB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like U15A, SHPR, SZHR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like H01W3, AKASO, AKAGS, etc.

Table with columns: J05D, Fort Rock, OR, 1.83 321, P, Pn, 07 29 45.7 +0.1, etc.

Table with columns: MTN, Mantoum Dam, 21.18 248, P, P, 07 34 55.0 +0.5, etc.

Table with columns: IMAR, Indian Mountain, 81.28 20, P, P, 07 42 19.1 -0.4, etc.

BUI 13 07:30:16.2±0.0, 5°22'S, 151°65'E, h140km, mB5.1/13, mb4.8/33, etc.

MTN, Mantoum Dam, 21.18 248, P, P, 07 34 55.0 +0.5, etc.

JMA 13 07:31:25.9, 34°84'N, 136°90'E, h10km±1km, M2.7, 4D, Western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

TIGA	Tifton baz=137	17.23 322	P	P	11 20 29.3 -0.1	O59A	Robesonia baz=168	22.39 350	P	P	11 21 26.6 +1.0	O44A	comp=Z,34nm,1.1s Clayton	I	Amb	I	Amb	11 22 08.4	
Y58A	Scranton baz=153	17.31 336	P	P	11 20 30.6 +0.3	O53A	Leroy	22.39 339	P	P	11 21 26.2 +0.6	MCPB	Macapa, AP	26.43 132	eP	P	P	11 22 03.8 -0.4	
W58A	Rae ford baz=155	18.14 339	P	P	11 20 40.5 +1.1	MDP	Montagnes des comp=Z,189nm,18.9s,baz=112,slow=41	22.40 123	LR	LR	11 31 37.7	P43A	Skaggs, Pawnee	26.54 327	P	P	P	11 22 05.5 +0.6	
V60A	Jim Taylor Roa baz=162	18.23 344	P	P	11 20 40.9 +0.4	CMIG	Matias Romero	22.54 271	P	P	11 21 27.2 -0.2	G58A	Ormistown baz=174	26.92 356	P	P	P	11 22 11.6 +3.3	
BIRD	Birdtown, Kers	18.27 335	P	Pn	11 20 38.6 -2.1	CMIG	comp=Z,1.9nm,0.5s,baz=77,slow=8.7,SNR=2.6					435B	Jarrell	26.93 303	P	P	P	11 22 09.9 +1.2	
V59A	Middlesex baz=159	18.51 342	P	P	11 20 43.6 +0.2	CMIG	comp=Z,610nm,18.2s,baz=84,slow=41					435B	comp=Z,22nm,0.9s		I	Amb	I	Amb	11 22 21.5
W57A	Gilead	18.54 337	P	Pn	11 20 44.1 +0.1	Y45A	Yeager Farm, C	22.56 317	P	P	11 21 28.8 +1.3	X37A	Maddies State	26.93 312	P	P	P	11 22 10.2 +1.5	
U61A	Possum Corner baz=165	18.58 347	P	P	11 20 43.9 -0.4	O57A	Amberson	22.56 347	P	P	11 21 28.9 +1.4	R40A	Maddies State	27.10 322	P	P	P	11 22 11.4 +1.2	
HODGE	Hodges	18.70 330	P	P	11 20 44.0 -1.7	MCWV	Mont Chateau	22.59 343	P	P	11 21 29.9 +1.1	R40A	comp=Z,16nm,0.8s	27.20 144	eP	P	P	11 22 11.5 +0.4	
W56A	Indian Trail baz=152	18.75 336	P	Pn	11 20 46.6 +0.1	Q52A	Bidwell	22.75 337	P	P	11 21 29.1 -0.3	ITTB	Haituba	27.25 348	LR	LR	LR	11 22 36.7	
V58A	Windy Hill, Pi baz=157	18.81 340	P	P	11 20 46.7 -0.1	Q52A	comp=Z,53nm,1.1s					S39A	Bolivar	27.35 320	P	P	P	11 22 13.5 +1.1	
V58A	Windy Hill, Pi	18.81 340	P	P	11 20 47.0 +0.2	N60A	Cedar Hill Far baz=171	22.78 352	P	P	11 21 30.1 +0.4	S39A	comp=Z,40nm,1.2s	27.82 324	P	P	P	11 22 16.4 -0.1	
U60A	Pendleton	18.88 345	P	P	11 20 47.6 0.0	O56A	Blue Knob Stat baz=162	22.83 345	P	P	11 21 31.4 +1.1	TUL1	Leonard	27.92 314	P	P	P	11 22 18.9 +1.4	
U59A	Littleton	18.93 344	P	P	11 20 48.3 +0.2	O56A	Blue Knob Stat	22.83 345	P	P	11 21 30.8 +0.5	TUL1	Leonard	27.92 314	P	P	P	11 22 19.3 +1.8	
U57A	Coltrane Farms baz=155	19.11 338	P	P	11 20 50.5 +0.3	O56A	comp=Z,30nm,1.2s					TUL1	comp=Z,20nm,0.9s		I	Amb	I	Amb	11 22 20.7
V58A	Oxford	19.18 342	P	P	11 20 50.9 0.0	OXF	Oxford	22.89 319	P	P	11 21 31.5 +0.6	SAML	Samuel	28.18 163	P	P	P	11 22 20.6 +0.7	
250A	Grady	19.24 318	P	Pn	11 20 52.6 0.0	N59A	State Game Lan baz=169	22.92 351	P	P	11 21 31.8 +0.6	SAML	comp=Z,9.8nm,0.8s		I	Amb	I	Amb	11 22 29.5
250A	OTAVO	19.25 202	eP	Pn	11 20 57.1	N59A	State Game Lan	22.92 351	P	P	11 21 33.4 +2.2	SAML	Samuel	28.18 163	eP	P	P	11 22 20.0 0.0	
OTAV	Otavallo	19.31 337	P	P	11 20 55.8 +2.5	N59A	comp=Z,41nm,1.3s					W35A	Teconsh	28.28 312	P	P	P	11 22 21.2 +0.4	
V56A	Mocksville	19.31 337	P	P	11 20 51.5 -0.8	N58A	Sumbry	22.99 349	P	P	11 21 33.0 +1.1	ETMB	Extrema	28.33 169	eP	P	P	11 22 23.0 +1.7	
T59A	Double "B" Far baz=162	19.45 345	P	P	11 20 53.6 -0.2	SSPA	Standing Stone baz=164	23.02 347	P	P	11 21 32.9 +0.6	OK030	Cody Creek RV Junction City	28.61 313	P	P	P	11 22 25.3 +1.7	
T59A	Double "B" Far	19.45 345	P	P	11 20 53.9 0.0	SSPA	Standing Stone	23.02 347	P	P	11 21 32.7 +0.4	JCT	28.62 301	P	P	P	11 22 26.2 +2.3		
U57A	Blanch	19.46 340	P	P	11 20 53.9 -0.1	SSPA	comp=Z,59nm,1.4s					OK031	S. Brethren Rd Dawn	28.66 313	P	P	P	11 22 25.1 +1.0	
BG3	Lake Jocasse	19.64 330	P	Pn	11 20 57.5 +0.1	WVT	Waverly baz=136	23.05 324	P	P	11 21 33.5 +0.9	P38A	28.72 322	P	P	P	11 22 23.0 -1.6		
T58A	Grand View Acr baz=160	19.69 342	P	P	11 20 56.7 +0.2	WVT	Waverly	23.05 324	P	P	11 21 46.2	P38A	comp=Z,16nm,1.1s	28.90 354	P	P	P	11 22 27.1 +1.0	
U56A	King	19.74 338	P	P	11 20 57.4 +0.3	N57A	Milroy baz=165	23.07 348	P	P	11 21 33.6 +0.8	D55A	Sainte-Anne-du baz=172	29.24 305	P	P	P	11 22 30.2 +0.8	
CCIG	Comitan	20.04 268	P	Pn	11 21 01.8 -0.5	143A	King Landing, W45A Hickory Valley	23.13 312	P	P	11 21 32.0 -1.5	ABTX	Abiene, Hawle baz=112	29.24 305	P	P	P	11 22 30.2 +0.8	
CCIG	comp=Z,57nm,1.0s		I	Amb	11 21 09.4	Q51A	Peebles	23.21 336	I	Amb	I	Amb	WMOK	Wichita Mount baz=117	29.47 309	P	P	P	11 22 32.6 +1.3
SS9A	Mechanicsville baz=164	20.14 346	P	P	11 21 02.3 +1.0	Q51A	comp=Z,27nm,0.9s					NPGB	Novo Progresso U baz=126	30.25 319	P	P	P	11 22 32.2 -0.7	
V53A	Saluda	20.14 332	P	P	11 21 02.5 +1.0	P52A	comp=Z,27nm,0.9s					KSU1	State St U	30.25 319	P	P	P	11 22 40.1 +1.9	
SS8A	Poland Farm, P baz=161,SNR=6.8	20.18 344	P	P	11 21 02.1 +0.2	O53A	New Philadelph baz=156	23.24 341	P	P	11 21 38.7 +1.1	TMAB	Tom-Au,PA,Br	30.66 130	eP	P	P	11 22 42.5 +0.5	
SS8A	Poland Farm, P	20.18 344	P	P	11 21 00.9 -1.0	M57A	Sunshine Farm, baz=160	23.35 349	P	P	11 21 39.3 +1.7	TXAR	Lajitas Array	31.54 297	P	P	P	11 22 50.1 +0.3	
SS8A	comp=Z,49nm,1.1s		I	Amb	11 21 03.8	MACA	Manacapuru-AM	23.70 153	eP	P	11 21 40.0 +0.8	TXAR	comp=Z,3.2nm,1.1s,baz=106,slow=9.9,SNR=5.3		PcP	PcP	PcP	11 25 43.2 +0.6	
T56A	Rocky Mt baz=156	20.23 339	P	Pn	11 21 03.9 -0.5	L60A	Halls Shokan	23.77 321	P	P	11 21 41.2 +1.4	TXAR	Lajitas Array	31.54 297	P	P	P	11 22 50.3 +0.5	
LRAL	Lakeview Retre baz=133	20.41 319	P	Pn	11 21 05.8 -0.6	UTMT	University of N54A Moraine State	23.79 323	P	P	11 21 41.7 +1.7	TX31	Lajitas Ar. Si	31.54 297	P	P	P	11 22 52.3 +2.5	
LRAL	Lakeview Retre	20.41 319	P	P	11 21 05.5 -0.8	N54A	Moraine State	23.84 343	P	P	11 21 41.5 +1.0	TX31	comp=Z,12nm,0.9s	31.69 308	P	P	P	11 22 52.0 +0.9	
U54A	Nelsons Funny baz=150	20.44 335	P	P	11 21 05.1 +0.3	N54A	comp=Z,47nm,1.1s					MATO	Matagami baz=114	31.84 352	P	P	P	11 22 52.6 +0.5	
U54A	Nelsons Funny	20.44 335	P	Pn	11 21 06.1 -0.7	WCI	Wyandotte Cave baz=143	23.84 330	P	P	11 21 40.7 +0.2	CBKS	Cedar Bluff	32.12 316	P	P	P	11 22 55.5 +0.8	
R58B	Mineral baz=162	20.47 345	P	P	11 21 05.2 +0.3	L61A	Hillsdale 1, H	23.94 356	P	P	11 21 42.1 +0.8	MSTX	Muleshoe baz=119,SNR=6.2	32.17 305	P	P	P	11 22 55.6 +0.3	
R58B	Mineral	20.47 345	P	P	11 21 04.4 -0.5	L58A	Harry Jones Me baz=170	24.04 352	P	P	11 21 43.2 +0.9	MSTX	Muleshoe	32.17 305	P	P	P	11 22 55.8 +0.5	
R59A	King George, V baz=164	20.52 347	P	P	11 21 06.2 +0.8	L59A	Walton	24.07 353	P	P	11 21 44.0 +1.3	MSTX	comp=Z,20nm,1.1s		I	Amb	I	Amb	11 23 01.4
BLA	Blacksburg	20.53 339	P	P	11 21 06.4 +0.8	ACSO	Alum Creek Sta	24.13 338	P	P	11 21 44.3 +1.1	PRPB	Parauapebas baz=169	32.20 137	eP	P	P	11 22 55.0 -0.5	
BLA	Blacksburg	20.53 339	P	P	11 21 05.4 -0.3	L57A	Andrews Acres baz=167	24.14 350	P	P	11 21 44.6 +1.3	ECSD	EROS Data Cent baz=132,SNR=5.5	33.18 325	P	P	P	11 22 07.1 +1.3	
SS7A	Dark Hollow, R baz=159	20.57 342	P	P	11 21 07.0 +1.0	HRV	Adam Dzewiosk baz=167	24.18 359	P	P	11 21 45.0 +1.4	ECSD	EROS Data Cent	33.18 325	P	P	P	11 22 04.5 +0.6	
SS7A	Dark Hollow, R	20.57 342	P	P	11 21 07.3 +0.0	P49A	Miami Univ. Ec baz=148	24.20 334	P	P	11 21 44.7 +0.8	ECSD	comp=Z,17nm,1.1s		I	Amb	I	Amb	11 23 07.6
TKL	Tuckaleechee C comp=Z,1.1nm,1.1s,baz=158,slow=11,SNR=4.8	20.58 330	P	S	11 24 53.7 -2.6	P49A	Miami Univ. Ec	24.20 334	P	P	11 21 43.0 -0.8	MNTX	Cornudas Mount baz=105,SNR=2.1	33.55 300	P	P	P	11 23 08.5 +1.1	
TKL	comp=Z,3.6nm,0.8s,baz=117,slow=16,SNR=2.5		LR	LR	11 29 41.6	BINY	Bingham	24.20 351	P	P	11 21 43.0 +1.1	MNTX	Cornudas Mount	33.55 300	P	P	P	11 23 08.0 +0.7	
TKL	comp=Z,500nm,18.1s,baz=136,slow=39		LR	LR	11 29 41.6	M54A	Oil Creek Stat baz=161	24.27 345	P	P	11 21 46.3 +1.9	EYMN	Ely	33.91 335	P	P	P	11 23 17.8	
TKL	Tuckaleechee C	20.58 330	Pn	Pn	11 21 07.7 -0.7	M54A	Oil Creek Stat	24.27 345	P	P	11 21 45.0 +0.5	T25A	Trinidad baz=144	34.62 310	P	P	P	11 23 18.1 +1.3	
Y49A	Blount Mountai	20.62 322	P	P	11 21 05.4 -1.3	M54A	comp=Z,36nm,1.4s					T25A	Trinidad	34.62 310	I	Amb	I	Amb	11 23 20.8 +4.1
V52A	Serviville	20.64 330	P	P	11 21 07.3 +0.0	K63A	Dunstable baz=180	24.36 360	P	P	11 21 46.9 +1.7	T25A	comp=Z,16nm,1.1s		I	Amb	I	Amb	11 23 20.6
FDAL	Fort Payne	20.65 325	P	P	11 21 08.2 +1.1	L56A	Greenwood baz=165	24.40 349	P	P	11 21 47.2 +1.5	B35A	Bob, Littlefor	35.15 334	P	P	P	11 23 22.2 +1.3	
S56A	Natural Bridge baz=158	20.68 341	P	P	11 21 07.4 +0.2	M53A	WI Miller and baz=158,SNR=6.4	24.48 343	P	P	11 21 47.8 +1.4	BNM	Ben's Site	35.25 304	P	P	P	11 23 23.1 +1.4	
R58A	Rapidan	20.82 345	P	P	11 21 08.6 -0.2	O49A	Covington	24.60 335	P	P	11 21 46.8 -0.7	ANMO	Albuquerque baz=109	35.37 305	P	P	P	11 23 24.9 +1.4	
R57A	Stanardsville baz=161	20.95 344	P	P	11 21 09.7 -0.5	K59A	Cooperstown	24.63 354	P	P	11 21 49.1 +1.3	ANMO	Albuquerque	35.37 305	P	P	P	11 23 24.9 +1.7	
V51A	Loudon	20.98 329	P	P	11 21 09.2 -1.3	K58A	Earlville baz=172	24.71 352	P	P	11 21 50.0 +1.6	SIV	San Ignacio	35.48 163	P	P	P	11 23 24.1 +0.1	
V51A	comp=Z,60nm,1.2s		I	Amb	11 21 25.9	K58A	Earlville	24.71 352	P	P	11 21 49.1 +0.6	PTLB	Pontes e Lacer	35.56 160	eP	P	P	11 23 25.5 +0.8	
W50A	Signal Mountai	20.99 326	P	P	11 21 10.2 -0.5	K58A	Henniker baz=179	24.90 359	P	P	11 21 51.6 +1.5	SDCO	Great Sand Dun baz=114,SNR=9.0	35.66 310	P	P	P	11 23 26.8 +0.9	
W50A	comp=Z,40nm,1.2s		I	Amb	11 21 26.2	K56A	Middlesex baz=166	24.91 349	P	P	11 21 50.9 +0.6	SDCO	Great Sand Dun	35.66 310	I	Amb	I	Amb	11 23 26.9 +1.2
Q60A	Greensboro	21.05 350	P	P	11 21 11.2 -0.1	ERPA	Erie	24.92 344	P	P	11 21 51.4 +1.1	SMTB	Santa Maria du Cokes Peak, D	35.66 137	eP	P	P	11 23 27.2 -0.5	
Q59A	Harwood baz=166	21.07 348	P	P	11 21 12.6 +1.2	SIUC	Southern Illin S44A Carbonade	24.96 325	P	P	11 21 51.7 +0.9	121A	Walesa, Par	35.74 300	P	P	P	11 23 25.3 +0.9	
Z47A	Carrollton	21.19 318	P	P	11 21 12.2 -0.6	L3AR	Lake Charles	24.98 319	P	P	11 21 51.6 +0.7	SNDB	Serra Nova Dou Idaho Springs	35.92 145	eP	P	P	11 23 28.0 +0.2	
TZTN	Tazewell	21.20 332	P	P	11 21 13.1 +0.2	L3AR	comp=Z,31nm,1.4s					ISCO	Idaho Springs 4UR Ranch, Cre	36.59 313	P	P	P	11	

13d 11h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like U15A, LAO, LAO, TMUT, BW06, etc.

2015 JAN

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like ORV, HAWA, HAWA, O03E, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like KEST, CLL, ABTA, BRG, etc.

BUJ 13 11:19:07.0-0.0,36°50N;22°51'E, h68km, mB5.2/28, mB5.1/46, MS5.2/5, MS7.5/11
ATH 13 11:19:08.3,36°44N;22°79'E, h72km, 2km, ML4.7/11, Error ellipse: s-maj=2.2km s-min=1.2km az=162.0
IDC 13 11:19:09.5,1.1,36°49N;22°78'E, h56km, 10km, mB4.2/26, mB1.4,3/14, mB1mx4.2/58, mBmp4.5/34, MS3.6/11, Ms1.3,6/11, ms1mx3.3/48, Error ellipse: s-maj=12.4km s-min=8.3km az=35.0
NEIC 13 11:19:09.4,2.3,36°39N;0.09;22°64E;0.07, h66km, 7km, Error ellipse: s-maj=13.1km s-min=7.9km az=194.0
PDG 13 11:19:10.6,31°33N;22°06'E, h53km, MD4.7/11, ML4.7/13, Error ellipse: s-maj=4.3km s-min=0.9km az=93.0
MED_RC 13 11:19:10.0,0.0,36°32N;22°72'E, h52km, 3km, MW4.7/11, Moment Tensor Solution.Mantle.waves: s11,c15; Duration: 1s1 Moment tensor: Scale 10^16Nm; Mrr=0.26; 11; Mth=0.55; 10; Mtt=0.29; 10; Mtr=0.31; 05; Mtr=1.17; 06; Mtr=0.30; 04; Best double couple: M01:3000x10^16 Np1:79;20000; 877.00000; 1.74.00000; NP2:79;17.00000; 884.00000; 1.4.00000; Principal axes: 1.4800, Plg14.0000, Azm35.0000; N 0.3600, Plg75.0000, Azm194.0000; P 1.1200, Plg5.0000, Azm304.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoffs=35s.
ISK 13 11:19:11.4,36°55N;22°93'E, h31km, ML4.5/25
THE 13 11:19:11.5,36°52N;22°72'E, h52km, 1km, ML4.7/7, Error ellipse: s-maj=1.7km s-min=0.7km az=76.0
BEO 13 11:19:12.9,0.7,36°80N;22°29'E, h0km, ML4.6/12
HLW 13 11:19:14.9,36°09N;23°50'E, h30km, 4.5km, Md5.0, M15.0
DDA 13 11:19:14.8,37°12N;23°21'E, h7km, 3km, MW4.6
TIR 13 11:19:20.4,37°48N;21°84'E, h3km, 31km, Md3.7
ISC 13 11:19:08.9,0.5,36.45N;22.66E;0.03, h56km, 3km, h55km, Pp, n519, 0.29/6/12, mB4.7/53, 33C-30D, Southern Greece
Code Station Name A° Az° Op Phase ID Time Res ISC h m s ISC

Table of astronomical data for 13d 11h, listing objects like TESR, NBNS, KALN, BIZ, KEST, etc., with columns for name, coordinates, and other parameters.

Table of astronomical data for 2015 JAN, listing objects like BRG, TANN, PLN, GEVA, COLL, etc., with columns for name, coordinates, and other parameters.

Table of astronomical data for 608, listing objects like CHKK, AAA, KSH, TNS, MDOK, etc., with columns for name, coordinates, and other parameters.

ADC 13:11:20.16:4.9, 16:93S:14:11W, h0km, mb4.3/7, mb1 4.3/7, mb1mx3.9/48, mbtmp4.3/7, MS4.3/13, MS1 4.3/13, ms1mx4.1/21, Eror ellipse: s-maj=134.1km s-min=93.2km s-tilt=101.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RCBR Riachuelo, LIC Kusan Boka, TORD Torodi Ar. Bea, etc.

GCMT 13 11:38:16.0:0.4:16.43S:0.05:14:27W:0.03,h22km,1km, MW4.8/69, Moment Tensor Solution. s20,c21; s69,c32; Duration: 0 Moment tensor: Scale 10^19Nm; M1:1.93E22;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, TORD Torodi Ar. Bea, BDBF Brasilia, etc.

IDC 13 11:39:49.6:2.0:7.58S:128.54E,h158km,22km,mb3.5/4, mb1 3.5/8,mb1mx3.3/39,mbtmp4.0/8, Error ellipse: s-maj=25.3km s-min=19.7km az=134.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BATI Baunita, SIJI Sorong, FITZ Fitzroy Crossi, etc.

BUI 13 11:40:00.0:0.0:45.60S:167.10E,h82km,mb5.3/9 WEL 13 11:40:00.45:69S:166.90E,h84km,ML5.5,Mw5.1,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NGRZ Ngogotaha, MUGZ Murupara, TARZ Mount Tarawera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, DCZ Deep Cove, PYZ Puysegur Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WVZ Waitaha Valley, WAZ Wakamui South, MUCZ Mount Hutt, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, MNZ Nelson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WNVZ Wahanoa, DRZ Dome Shelter, MOVZ Moawhango, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NGRZ Ngogotaha, MUGZ Murupara, TARZ Mount Tarawera, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, BELA Belgrano 2, KAPI Kapiti Island, etc.

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

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, h m s, ISC. Includes stations like CO03 El Pedregal, BI02 San Fabin de, ACCO Cerro Coronel, etc.

BGR 13 15:00:31.7, 0.0, 65.67N, 21.49W, h33km, mb4.4
REY 13 15:00:43.4, 64.61N, 17.43W, h8km
IDC 13 15:00:45.1, 0.6, 64.36N, 17.81W, h0km, mb3.7, MS6, mb1 3.9/18, mb1mx3.7/58, mbtmp3.7/18, ML 1.7/1, MS3.6/4, Ms 1.3/6.4, ms1mx3.0/55, Error ellipse: s-maj=23.3km s-min=9.4km az=15.0

NEIC 13 15:00:46.3, 0.6, 44N, 0.09, 17.9W, 0.1, h10km, 1km, mb4.4/21, Error ellipse: s-maj=15.7km s-min=9.8km az=163.0

ISC 13 15:00:46.2, 0.9, 64.44N, 0.03, 17.70W, 0.04, h7km, 5km, n98, c159/89, mb4.2/29, MS3.6/4, Iceland

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, h m s, ISC. Includes stations like IHAM Hamarinn, IHAM baz=233, IUOK Jokulheimar, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, h m s, ISC. Includes stations like IIEY baz=211, IURH Urdarnals, IKAL Kalifafell, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, h m s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, NLWA Neilton Lookou, etc.

NNC 13 15:02:47.4, 9.36, 68N, 70.42E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=39.1km s-min=31.3km az=163.0

ISC 13 15:02:16.1, 3.6, 36.5N, 0.2, 70.4E, 0.1, h35km, n11, c1510/15, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, h m s, ISC. Includes stations like AML Almayashu, UCH Uchtor, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TKM2, AB31, and AB31.

IDC 13 15:12:12.7-4.1, 33.29Sx70.42W, h84km, mb4.0, mb3.4/3, mb1.3/6.5, mb1mx3.3/3, mbtmp3.6/5, Error ellipse: s-maj=52.3km s-min=26.8km az=69.0

GUC 13 15:12:13.0-0.6, 33.33S, 70.63W, h99km, 1km, ML4.0, ISC 13 15:12:13.0-0.6, 33.32S, 0.04-70.64W, 0.06, h96km, 5km, n30, c0.95/4.1, mb3.5/3, 7C-5D, Chile-Argentina border region

Main table for station data in the 13d 15h section, listing various stations like Renca, Penalolen, Peidehue, etc., with their respective coordinates and seismic data.

MAN 13 15:21:49.8, 19.09N, 121.20E, h4km, mb4.4, ML3.2, MS3.0, 1C, Philippine Islands region

Table for station data in the MAN 13 15:21:49.8 section, listing stations like Mit. Cagua, Conner, Callao Caves, Dolores.

NEIC 13 15:22:37.2-1.5, 17.29N, 0.08-97.15W, 0.05, h73km, 24km, mb4.0/8, Md4.2/24(MEX), Error ellipse: s-maj=11.7km s-min=6.8km az=181.0

MEX 13 15:22:38.8-0.7, 17.33N, 97.15W, h68km, 6km, MD4.2, ISC 13 15:22:37.5-0.9, 17.33N, 0.04-97.13W, 0.04, h65km, 9km, n27, c0.998/40, Oaxaca

Main table for station data in the NEIC 13 15:22:37.2 section, listing stations like Visto Hermosa, Yosondua, Tlaxiaco, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WVT, WVT, W48A, W48A, S39A, U49A, O49A.

IDC 13 15:33:23.4-0.6, 12.72N, 124.45E, h0km, mb4.0/20, mb1.4/1.20, mb1mx4.0/46, mbtmp4.0/20, MS3.9/32, Ms1.3.9/32, ms1mx3.8/49, Error ellipse: s-maj=22.5km s-min=13.1km az=79.0

GCMT 13 15:33:24.9-0.2, 13.03N, 0.01-124.62E, 0.02, h24km, 1km, MW4.9/93, Moment Tensor Solution. s27, c34; s93, c132; Duration: 0 Moment Tensor Scale 10^19Nm; Mr-0.87z; 16; Mbs 1.58z; 11; Mms-0.70z; 11; Mm0.53z; 14; Mbs2.41z; 07; Mw0.16z; 15; Best double couple; M2.71100; 1016; NF1.3z; 12.00000; s80.00000; A 173.00000; NF2: 0.103.00000; s89.00000; A 10.00000; Principal axes: T 3.1730, Plg7.0000; Azm328.0000; N -0.9240, Plg80.0000; Azm107.0000; P -2.2490, Plg6.0000; Azm237.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MAN 13 15:33:24.6, 13.01N, 124.52E, h3km, mb5.7, ML4.7, MS5.0, MAN INTENSITY III - SAN ISIDRO AND ALLEN. BUJ 13 15:33:26.1-0.0, 12.39N, 124.68E, h54km, mb5.0/24, Mb0.5/42, Ms4.6/30, Ms7.4/326

NEIC 13 15:33:28.9-1.0, 12.80N, 0.08-124.70E, 0.06, h56km, 7km, Mb4.7/39, Error ellipse: s-maj=12.9km s-min=5.2km az=212.0

DJA 13 15:33:30.4-0.9, 13.14N, 12.5E, h51km, 8km, M4.8/29, Mb5.4/10, mb4.7/29, Mb5.4/10

ISC 13 15:33:25.7-1.3, 12.94N, 0.03-124.71E, 0.05, h16km, 6km, n190, c2519/180, mb4.6/63, MS3.9/34, 7C-2D, Samar

Main table for station data in the 2015 JAN section, listing various stations like CNP, CNP, PVCP, etc., with their respective coordinates and seismic data.

Main table for station data in the 612 section, listing various stations like GYA, GENI, JAY, KMMI, etc., with their respective coordinates and seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAO 13 15:36:51.8,3.4,9.49S;75.17W, h78km, 15km, mb4.4; IDC 13 15:37:02.8,2.8,8.82S;74.53W, h139km, 35km, mb3.6/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSK baz=158, BUM Brajci-Budva, BUM Plav, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MZV, HAZ, RIGZ, etc.

WEL 13 17:12:01.6, 41.5, 2.175E, h23km, 1km, M4.1/13, ML4.5/13, MLV4.1/13, Error ellipse: s-maj=0.0km, s-min=0.0km az=64.5, North Island

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HOWZ, MRZ, OGWZ, etc.

NEIC 13 17:16:17.0, 1.0, 17.6S, 0.2x178.2W, 0.1, h605km, 1km, mb4.4/19, Error ellipse: s-maj=24.0km s-min=11.6km az=152.0

IDC 13 17:16:20.4, 2.1, 17.40S, 178.75W, h605km, 20km, mb3.1/7, mb1 3.4/8, mb1mx3.0/29, mbtmp4.1/8, Error ellipse: s-maj=95.7km s-min=20.7km az=155.0

ISC 13 17:16:16.9, 0.8, 17.6S, 0.1x178.2W, 0.1, h600km, 1km, 0.65/23, mb4.2/15, Fiji Islands region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MSVF, AFI, THZ, etc.

BUI 13 17:46:38.9, 0.0, 39.25N, 142.37E, h45km, mb5.1/39, mb4.8/61, Ms4.4/44, Ms7.4/345

MOS 13 17:46:42.8, 1.0, 39.45N, 141.96E, h53km, mb5.1/36, Error ellipse: s-maj=5.9km s-min=3.9km az=102.8

BGR 13 17:46:43.3, 0.0, 39.58N, 142.52E, h33km, mb5.1

NIED 13 17:46:43.6, 39.34N, 142.06E, h48km, MW5.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; Mn:2.22; Mw:0.26; Mw:1.96; Ms:1.48; Mw:0.43; Mw:2.28;

NEIC 13 17:46:43.6, 2.0, 39.37N, 0.04, 142.02E, 0.08, h44km, 5km, Ms5.1/185, Mw4.8/19 Error ellipse: s-maj=9.3km s-min=5.3km az=78.0

JMA 13 17:46:43.5, 39.34N, 142.06E, h48km, 1km, M4.9 JMA Felt III J1.

NEIC 13 17:46:44.3, 39.42N, 141.91E, h48km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn:1.56; Mw:0.50; Mw:1.06; Mw:0.80; Mw:0.40; Mw:1.63; Fault plane solution: M2.320000x10^16 NP1:az=207.800000, delta 18.960000, lambda 1.350000, NP2:az=26.370000, delta 17.050000, lambda 5.540000. Principal axes: T 2.4491, Plg6.0000, Azm29.0000; N 0.2940, Plg0.0000; Azm27.0000; P 2.1551, Plg26.0000, Azm17.0000.

GCMT 13 17:46:44.6, 0.2, 39.41N, 0.01, 142.19E, 0.02, h52km, 1km, MW5.1/115, Moment Tensor Solution. s57, c82; s115, c167. Duration: 0 Moment tensor: Scale 10^16Nm; Mn:4.17e-17; Mw:0.69e-12; Mw:3.48e-11; Mw:1.55e-09; Mw:1.24e-10; Mw:2.23e-09; Best double couple: Mw:4.88300x10^16 NP1:az=194.0000, delta 22.0000, lambda 7.800000, NP2:az=28.0000, delta 62.0000, lambda 97.000000. Principal axes: T 5.0260, Plg72.0000; Azm31.4.0000; N -0.2860, Plg6.0000; Azm205.0000; P -4.7390, Plg17.0000; Azm113.0000; nsta1 refers to body waves, cutoff=0s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment function: s=1.0, c=1.0, a=1.0, b=1.0, c=1.0, d=1.0, e=1.0, f=1.0, g=1.0, h=1.0, i=1.0, j=1.0, k=1.0, l=1.0, m=1.0, n=1.0, o=1.0, p=1.0, q=1.0, r=1.0, s=1.0, t=1.0, u=1.0, v=1.0, w=1.0, x=1.0, y=1.0, z=1.0, aa=1.0, ab=1.0, ac=1.0, ad=1.0, ae=1.0, af=1.0, ag=1.0, ah=1.0, ai=1.0, aj=1.0, ak=1.0, al=1.0, am=1.0, an=1.0, ao=1.0, ap=1.0, aq=1.0, ar=1.0, as=1.0, at=1.0, au=1.0, av=1.0, aw=1.0, ax=1.0, ay=1.0, az=1.0, ba=1.0, bb=1.0, bc=1.0, bd=1.0, be=1.0, bf=1.0, bg=1.0, bh=1.0, bi=1.0, bj=1.0, bk=1.0, bl=1.0, bm=1.0, bn=1.0, bo=1.0, bp=1.0, bq=1.0, br=1.0, bs=1.0, bt=1.0, bu=1.0, bv=1.0, bw=1.0, bx=1.0, by=1.0, bz=1.0, ca=1.0, cb=1.0, cc=1.0, cd=1.0, ce=1.0, cf=1.0, cg=1.0, ch=1.0, ci=1.0, cj=1.0, ck=1.0, cl=1.0, cm=1.0, cn=1.0, co=1.0, cp=1.0, cq=1.0, cr=1.0, cs=1.0, ct=1.0, cu=1.0, cv=1.0, cw=1.0, cx=1.0, cy=1.0, cz=1.0, da=1.0, db=1.0, dc=1.0, dd=1.0, de=1.0, df=1.0, dg=1.0, dh=1.0, di=1.0, dj=1.0, dk=1.0, dl=1.0, dm=1.0, dn=1.0, do=1.0, dp=1.0, dq=1.0, dr=1.0, ds=1.0, dt=1.0, du=1.0, dv=1.0, dw=1.0, dx=1.0, dy=1.0, dz=1.0, ea=1.0, eb=1.0, ec=1.0, ed=1.0, ee=1.0, ef=1.0, eg=1.0, eh=1.0, ei=1.0, ej=1.0, ek=1.0, el=1.0, em=1.0, en=1.0, eo=1.0, ep=1.0, eq=1.0, er=1.0, es=1.0, et=1.0, eu=1.0, ev=1.0, ew=1.0, ex=1.0, ey=1.0, ez=1.0, fa=1.0, fb=1.0, fc=1.0, fd=1.0, fe=1.0, ff=1.0, fg=1.0, fh=1.0, fi=1.0, fj=1.0, fk=1.0, fl=1.0, fm=1.0, fn=1.0, fo=1.0, fp=1.0, fq=1.0, fr=1.0, fs=1.0, ft=1.0, fu=1.0, fv=1.0, fw=1.0, fx=1.0, fy=1.0, fz=1.0, ga=1.0, gb=1.0, gc=1.0, gd=1.0, ge=1.0, gf=1.0, gg=1.0, gh=1.0, gi=1.0, gj=1.0, gk=1.0, gl=1.0, gm=1.0, gn=1.0, go=1.0, gp=1.0, gq=1.0, gr=1.0, gs=1.0, gt=1.0, gu=1.0, gv=1.0, gw=1.0, gx=1.0, gy=1.0, gz=1.0, ha=1.0, hb=1.0, hc=1.0, hd=1.0, he=1.0, hf=1.0, hg=1.0, hh=1.0, hi=1.0, hj=1.0, hk=1.0, hl=1.0, hm=1.0, hn=1.0, ho=1.0, hp=1.0, hq=1.0, hr=1.0, hs=1.0, ht=1.0, hu=1.0, hv=1.0, hw=1.0, hx=1.0, hy=1.0, hz=1.0, ia=1.0, ib=1.0, ic=1.0, id=1.0, ie=1.0, if=1.0, ig=1.0, ih=1.0, ii=1.0, ij=1.0, ik=1.0, il=1.0, im=1.0, in=1.0, io=1.0, ip=1.0, iq=1.0, ir=1.0, is=1.0, it=1.0, iu=1.0, iv=1.0, iw=1.0, ix=1.0, iy=1.0, iz=1.0, ja=1.0, jb=1.0, jc=1.0, jd=1.0, je=1.0, jf=1.0, jg=1.0, jh=1.0, ji=1.0, jj=1.0, jk=1.0, jl=1.0, jm=1.0, jn=1.0, jo=1.0, jp=1.0, jq=1.0, jr=1.0, js=1.0, jt=1.0, ju=1.0, jv=1.0, jw=1.0, jx=1.0, jy=1.0, jz=1.0, ka=1.0, kb=1.0, kc=1.0, kd=1.0, ke=1.0, kf=1.0, kg=1.0, kh=1.0, ki=1.0, kj=1.0, kk=1.0, kl=1.0, km=1.0, kn=1.0, ko=1.0, kp=1.0, kq=1.0, kr=1.0, ks=1.0, kt=1.0, ku=1.0, kv=1.0, kw=1.0, kx=1.0, ky=1.0, kz=1.0, la=1.0, lb=1.0, lc=1.0, ld=1.0, le=1.0, lf=1.0, lg=1.0, lh=1.0, li=1.0, lj=1.0, lk=1.0, ll=1.0, lm=1.0, ln=1.0, lo=1.0, lp=1.0, lq=1.0, lr=1.0, ls=1.0, lt=1.0, lu=1.0, lv=1.0, lw=1.0, lx=1.0, ly=1.0, lz=1.0, ma=1.0, mb=1.0, mc=1.0, md=1.0, me=1.0, mf=1.0, mg=1.0, mh=1.0, mi=1.0, mj=1.0, mk=1.0, ml=1.0, mn=1.0, mo=1.0, mp=1.0, mq=1.0, mr=1.0, ms=1.0, mt=1.0, mu=1.0, mv=1.0, mw=1.0, mx=1.0, my=1.0, mz=1.0, na=1.0, nb=1.0, nc=1.0, nd=1.0, ne=1.0, nf=1.0, ng=1.0, nh=1.0, ni=1.0, nj=1.0, 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sg=1.0, sh=1.0, si=1.0, sj=1.0, sk=1.0, sl=1.0, sm=1.0, sn=1.0, so=1.0, sp=1.0, sq=1.0, sr=1.0, ss=1.0, st=1.0, su=1.0, sv=1.0, sw=1.0, sx=1.0, sy=1.0, sz=1.0, ta=1.0, tb=1.0, tc=1.0, td=1.0, te=1.0, tf=1.0, tg=1.0, th=1.0, ti=1.0, tj=1.0, tk=1.0, tl=1.0, tm=1.0, tn=1.0, to=1.0, tp=1.0, tq=1.0, tr=1.0, ts=1.0, tu=1.0, tv=1.0, tw=1.0, tx=1.0, ty=1.0, tz=1.0, ua=1.0, ub=1.0, uc=1.0, ud=1.0, ue=1.0, uf=1.0, ug=1.0, uh=1.0, ui=1.0, uj=1.0, uk=1.0, ul=1.0, um=1.0, un=1.0, uo=1.0, up=1.0, uq=1.0, ur=1.0, us=1.0, ut=1.0, uu=1.0, uv=1.0, uw=1.0, ux=1.0, uy=1.0, uz=1.0, va=1.0, vb=1.0, vc=1.0, vd=1.0, ve=1.0, vf=1.0, vg=1.0, vh=1.0, vi=1.0, vj=1.0, vk=1.0, vl=1.0, vm=1.0, vn=1.0, vo=1.0, vp=1.0, vq=1.0, vr=1.0, vs=1.0, vt=1.0, vu=1.0, vv=1.0, vw=1.0, vx=1.0, vy=1.0, vz=1.0, wa=1.0, wb=1.0, wc=1.0, wd=1.0, we=1.0, wf=1.0, wg=1.0, wh=1.0, wi=1.0, wj=1.0, wk=1.0, wl=1.0, wm=1.0, wn=1.0, wo=1.0, wp=1.0, wq=1.0, wr=1.0, ws=1.0, wt=1.0, wu=1.0, wv=1.0, ww=1.0, wx=1.0, wy=1.0, wz=1.0, xa=1.0, xb=1.0, xc=1.0, xd=1.0, xe=1.0, xf=1.0, xg=1.0, xh=1.0, xi=1.0, xj=1.0, xk=1.0, xl=1.0, xm=1.0, xn=1.0, xo=1.0, xp=1.0, xq=1.0, xr=1.0, xs=1.0, xt=1.0, xu=1.0, xv=1.0, xw=1.0, xx=1.0, xy=1.0, xz=1.0, ya=1.0, yb=1.0, yc=1.0, yd=1.0, ye=1.0, yf=1.0, yg=1.0, yh=1.0, yi=1.0, yj=1.0, yk=1.0, yl=1.0, ym=1.0, yn=1.0, yo=1.0, yp=1.0, yq=1.0, yr=1.0, ys=1.0, yt=1.0, yu=1.0, yv=1.0, yw=1.0, yx=1.0, yy=1.0, yz=1.0, za=1.0, zb=1.0, zc=1.0, zd=1.0, ze=1.0, zf=1.0, zg=1.0, zh=1.0, zi=1.0, zj=1.0, zk=1.0, zl=1.0, zm=1.0, zn=1.0, zo=1.0, zp=1.0, zq=1.0, zr=1.0, zs=1.0, zt=1.0, zu=1.0, zv=1.0, zw=1.0, zx=1.0, zy=1.0, zz=1.0, aa=1.0, ab=1.0, ac=1.0, ad=1.0, ae=1.0, af=1.0, ag=1.0, ah=1.0, ai=1.0, aj=1.0, ak=1.0, al=1.0, am=1.0, an=1.0, ao=1.0, ap=1.0, aq=1.0, ar=1.0, as=1.0, at=1.0, au=1.0, av=1.0, aw=1.0, ax=1.0, ay=1.0, az=1.0, ba=1.0, bb=1.0, bc=1.0, bd=1.0, be=1.0, bf=1.0, bg=1.0, bh=1.0, bi=1.0, bj=1.0, bk=1.0, bl=1.0, bm=1.0, bn=1.0, bo=1.0, bp=1.0, bq=1.0, br=1.0, bs=1.0, bt=1.0, bu=1.0, bv=1.0, bw=1.0, bx=1.0, by=1.0, bz=1.0, ca=1.0, cb=1.0, cc=1.0, cd=1.0, ce=1.0, cf=1.0, cg=1.0, ch=1.0, ci=1.0, cj=1.0, ck=1.0, cl=1.0, cm=1.0, cn=1.0, co=1.0, cp=1.0, cq=1.0, cr=1.0, cs=1.0, ct=1.0, cu=1.0, cv=1.0, cw=1.0, cx=1.0, cy=1.0, cz=1.0, da=1.0, db=1.0, dc=1.0, dd=1.0, de=1.0, df=1.0, dg=1.0, dh=1.0, di=1.0, dj=1.0, dk=1.0, dl=1.0, dm=1.0, dn=1.0, do=1.0, dp=1.0, dq=1.0, dr=1.0, ds=1.0, dt=1.0, du=1.0, dv=1.0, dw=1.0, dx=1.0, dy=1.0, dz=1.0, ea=1.0, eb=1.0, ec=1.0, ed=1.0, ee=1.0, ef=1.0, eg=1.0, eh=1.0, ei=1.0, ej=1.0, ek=1.0, el=1.0, em=1.0, en=1.0, eo=1.0, ep=1.0, eq=1.0, er=1.0, es=1.0, et=1.0, eu=1.0, ev=1.0, ew=1.0, ex=1.0, ey=1.0, ez=1.0, fa=1.0, fb=1.0, fc=1.0, fd=1.0, fe=1.0, ff=1.0, fg=1.0, fh=1.0, fi=1.0, fj=1.0, fk=1.0, fl=1.0, fm=1.0, fn=1.0, fo=1.0, fp=1.0, fq=1.0, fr=1.0, fs=1.0, ft=1.0, fu=1.0, fv=1.0, fw=1.0, fx=1.0, fy=1.0, fz=1.0, ga=1.0, gb=1.0, gc=1.0, gd=1.0, ge=1.0, gf=1.0, gg=1.0, gh=1.0, gi=1.0, gj=1.0, gk=1.0, gl=1.0, gm=1.0, gn=1.0, go=1.0, gp=1.0, gq=1.0, gr=1.0, gs=1.0, gt=1.0, gu=1.0, gv=1.0, gw=1.0, gx=1.0, gy=1.0, gz=1.0, ha=1.0, hb=1.0, hc=1.0, hd=1.0, he=1.0, hf=1.0, hg=1.0, hh=1.0, hi=1.0, hj=1.0, hk=1.0, hl=1.0, hm=1.0, hn=1.0, ho=1.0, hp=1.0, hq=1.0, hr=1.0, hs=1.0, ht=1.0, hu=1.0, hv=1.0, hw=1.0, hx=1.0, hy=1.0, hz=1.0, ia=1.0, ib=1.0, ic=1.0, id=1.0, ie=1.0, if=1.0, ig=1.0, ih=1.0, ii=1.0, ij=1.0, ik=1.0, il=1.0, im=1.0, in=1.0, io=1.0, ip=1.0, iq=1.0, ir=1.0, is=1.0, it=1.0, iu=1.0, iv=1.0, iw=1.0, ix=1.0, iy=1.0, iz=1.0, ja=1.0, jb=1.0, jc=1.0, jd=1.0, je=1.0, jf=1.0, jg=1.0, jh=1.0, ji=1.0, jj=1.0, jk=1.0, jl=1.0, jm=1.0, jn=1.0, jo=1.0, jp=1.0, jq=1.0, jr=1.0, js=1.0, jt=1.0, ju=1.0, jv=1.0, jw=1.0, jx=1.0, jy=1.0, jz=1.0, ka=1.0, kb=1.0, kc=1.0, kd=1.0, ke=1.0, kf=1.0, kg=1.0, kh=1.0, ki=1.0, kj=1.0, kl=1.0, km=1.0, kn=1.0, ko=1.0, kp=1.0, kq=1.0, kr=1.0, ks=1.0, kt=1.0, ku=1.0, kv=1.0, kw=1.0, kx=1.0, ky=1.0, kz=1.0, la=1.0, lb=1.0, lc=1.0, ld=1.0, le=1.0, lf=1.0, lg=1.0, lh=1.0, li=1.0, lj=1.0, lk=1.0, ll=1.0, lm=1.0, ln=1.0, lo=1.0, lp=1.0, lq=1.0, lr=1.0, ls=1.0, lt=1.0, lu=1.0, lv=1.0, lw=1.0, lx=1.0, ly=1.0, lz=1.0, ma=1.0, mb=1.0, mc=1.0, md=1.0, me=1.0, mf=1.0, mg=1.0, mh=1.0, mi=1.0, mj=1.0, mk=1.0, ml=1.0, mn=1.0, mo=1.0, mp=1.0, mq=1.0, mr=1.0, ms=1.0, mt=1.0, mu=1.0, mv=1.0, mw=1.0, mx=1.0, my=1.0, mz=1.0, na=1.0, nb=1.0, nc=1.0, nd=1.0, ne=1.0, nf=1.0, ng=1.0, nh=1.0, ni=1.0, nj=1.0, nk=1.0, nl=1.0, nm=1.0, no=1.0, np=1.0, nq=1.0, nr=1.0, ns=1.0, nt=1.0, nu=1.0, nv=1.0, nw=1.0, nx=1.0, ny=1.0, nz=1.0, oa=1.0, ob=1.0, oc=1.0, od=1.0, oe=1.0, of=1.0, og=1.0, oh=1.0, oi=1.0, oj=1.0, ok=1.0, ol=1.0, om=1.0, on=1.0, oo=1.0, op=1.0, oq=1.0, or=1.0, os=1.0, ot=1.0, ou=1.0, ov=1.0, ow=1.0, ox=1.0, oy=1.0, oz=1.0, pa=1.0, pb=1.0, pc=1.0, pd=1.0, pe=1.0, pf=1.0, pg=1.0, ph=1.0, pi=1.0, pj=1.0, pk=1.0, pl=1.0, pm=1.0, pn=1.0, po=1.0, pp=1.0, pq=1.0, pr=1.0, ps=1.0, pt=1.0, pu=1.0, pv=1.0, pw=1.0, px=1.0, py=1.0, pz=1.0, qa=1.0, qb=1.0, qc=1.0, qd=1.0, qe=1.0, qf=1.0, qg=1.0, qh=1.0, qi=1.0, qj=1.0, qk=1.0, ql=1.0, qm=1.0, qn=1.0, qo=1.0, qp=1.0, qq=1.0, qr=1.0, qs=1.0, qt=1.0, qu=1.0, qv=1.0, qw=1.0, qx=1.0, qy=1.0, qz=1.0, ra=1.0, rb=1.0, rc=1.0, rd=1.0, re=1.0, rf=1.0, rg=1.0, rh=1.0, ri=1.0, rj=1.0, rk=1.0, rl=1.0, rm=1.0, rn=1.0, ro=1.0, rp=1.0, rq=1.0, rr=1.0, rs=1.0, rt=1.0, ru=1.0, rv=1.0, rw=1.0, rx=1.0, ry=1.0, rz=1.0, sa=1.0, sb=1.0, sc=1.0, sd=1.0, se=1.0, sf=1.0, sg=1.0, sh=1.0, si=1.0, sj=1.0, sk=1.0, sl=1.0, sm=1.0, sn=1.0, so=1.0, sp=1.0, sq=1.0, sr=1.0, ss=1.0, st=1.0, su=1.0, sv=1.0, sw=1.0, sx=1.0, sy=1.0, sz=1.0, ta=1.0, tb=1.0, tc=1.0, td=1.0, te=1.0, tf=1.0, tg=1.0, th=1.0, ti=1.0, tj=1.0, tk=1.0, tl=1.0, tm=1.0, tn=1.0, to=1.0, tp=1.0, tq=1.0, tr=1.0, ts=1.0, tu=1.0, tv=1.0, tw=1.0, tx=1.0, ty=1.0, tz=1.0, ua=1.0, ub=1.0, uc=1.0, ud=1.0, ue=1.0, uf=1.0, ug=1.0, uh=1.0, ui=1.0, uj=1.0, uk=1.0, ul=1.0, um=1.0, un=1.0, uo=1.0, up=1.0, uq=1.0, ur=1.0, us=1.0, ut=1.0, uu=1.0, uv=1.0, uw=1.0, ux=1.0, uy=1.0, uz=1.0, va=1.0, vb=1.0, vc=1.0, vd=1.0, ve=1.0, vf=1.0, vg=1.0, vh=1.0, vi=1.0, vj=1.0, vk=1.0, vl=1.0, vm=1.0, vn=1.0, vo=1.0, vp=1.0, vq=1.0, vr=1.0, vs=1.0, vt=1.0, vu=1.0, vv=1.0, vw=1.0, vx=1.0, vy=1.0, vz=1.0, wa=1.0, wb=1.0, wc=1.0, wd=1.0, we=1.0, wf=1.0, wg=1.0, wh=1.0, wi=1.0, wj=1.0, wk=1.0, wl=1.0, wm=1.0, wn=1.0, wo=1.0, wp=1.0, wq=1.0, wr=1.0, ws=1.0, wt=1.0, wu=1.0, wv=1.0, ww=1.0, wx=1.0, wy=1.0, wz=1.0, xa=1.0, xb=1.0, xc=1.0, xd=1.0, xe=1.0, xf=1.0, xg=1.0, xh=1.0, xi=1.0, xj=1.0, xk=1.0, xl=1.0, xm=1.0, xn=1.0, xo=1.0, xp=1.0, xq=1.0, xr=1.0, xs=1.0, xt=1.0, xu=1.0, xv=1.0, xw=1.0, xx=1.0, xy=1.0, xz=1.0, ya=1.0, yb=1.0, yc=1.0, yd=1.0, ye=1.0, yf=1.0, yg=1.0, yh=1.0, yi=1.0, yj=1.0, yk=1.0, yl=1.0, ym=1.0, yn=1.0, yo=1.0, yp=1.0, yq=1.0, yr=1.0, ys=1.0, yt=1.0, yu=1.0, yv=1.0, yw=1.0, yx=1.0, yy=1.0, yz=1.0, za=1.0, zb=1.0, zc=1.0, zd=1.0, ze=1.0, zf=1.0, zg=1.0, zh=1.0, zi=1.0, zj=1.0, zk=1.0, zl=1.0, zm=1.0, zn=1.0, zo=1.0, zp=1.0, zq=1.0, zr=1.0, zs=1.0, zt=1.0, zu=1.0, zv=1.0, zw=1.0, zx=1.0, zy=1.0, zz=1.0

IDC 13 17:46:46.1, 0.7, 39.34N, 141.97E, h71km, 4km, mb4.3/39, mb1 4.3/45, mb1mx4.3/68, mbtmp4.6/45, MS4.1/36, Ms1 4.1/36, ms1mx4.0/52 Error ellipse: s-maj=13.0km s-min=10.0km az=149.0

ISC 13 17:46:43.5, 0.4, 39.35N, 0.03, 142.08E, 0.04, h49km, 2km,

Main table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MIYJ, OFUN, TANOH, etc.

Main table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GRNR, CHICH, INCN, etc.

Table with columns: BRG, comp-Z, 2.9nm, 1.6s, Amp, P, 17 57 00.4, etc. Includes stations like Berggiesshubel, VRAC, MORC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like AAK, KBK, FRU1, etc.

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

Table with columns: JTM, Tenmabayashi, 1.75 268, P, Pn, 18 03 01.0 +0.1, etc. Includes stations like JOT, JKB, JOM, etc.

BUI 13 18:03:37.9, 0.0, 26.85N, 143.67E, h18km, mB4.9/28, mb4.5/42, Ms4.4/8, Ms7.4/17

IDD 13 18:03:39.0, 0.0, 27.12N, 143.54E, h0km, mb4.3/28, mb1.4/32, mb1mx4.3/57, mbtmp4.3/32, ML3.7/4, M3.3/6, Ms1.3/6, ms1mx3.0/41, Error ellipse: s-maj=13.0km, s-min=11.4km az=101.0

JMA 13 18:03:42.9, 0.1, 27.28N, 143.39E, h79km, 5km, M4.5, NEIC 13 18:03:42.1, 1.7, 27.16N, 143.57E, 0.07, h26km, 4km, mb5.0/157, Error ellipse: s-maj=10.8km s-min=8.1km az=149.0

ISC 13 18:04:40.2, 1.2, 27.22N, 143.52E, 0.06, h10km, 12km, h306, c1927/333, mb4.9/15, IC, Bonin Islands region

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

Table with columns: HHC, Hu-ho-hao-te, 29.59 306, eP, P, 18 09 50.0 +3.9, etc. Includes stations like HHC, QIZ, GYA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like China Poot, Purkeypile, Skwerina, Bradley Lake, Medco, Cooper Landing, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Inuvik, Whitehorse, Arti, Paulutak, Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Red Feather La, Keskin Array B, Snowmass, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Baumata, Fitzroy Crossi, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Alice Springs, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chichijima, Matushiro Arr, Matushiro, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like Chichijima, Haha-jima, Mitsune, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like Kawauchi, Iwakimizu, Minamishimoda, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like Yakutsk, Seymchan, Ulanbaatar, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ARU Arti, KIRV Kirov, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CGP Cagayan de Oro, BUKP Musuan, KCP Kidapawan, etc.

MAN 13 19:52:42.5, 8.23N, 124.65E, h32km, mb3.9, ML2.7, MS2.3, 1C-1D, Mindanao. Includes station coordinates and parameters.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HNR comp=Z, 7.2nm, 0.3s, baz=166, slow=2.4, SNR=11, etc.

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

Table with columns: Station Name, Frequency, Mode, Class, SNR, and other parameters. Includes stations like BSWZ, INU, RPZ, MDSI, etc.

Table with columns: Station Name, Frequency, Mode, Class, SNR, and other parameters. Includes stations like PHET, GYA, LHMI, etc.

Table with columns: Station Name, Frequency, Mode, Class, SNR, and other parameters. Includes stations like SAIH, MOKO, KOHI, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Pan de Azucar, Curacav, Sierra Bellavi, etc.

IDD 13 20:56:33.6z, 2.7, 7.43S, 127.17E, h0km, mb1 5.0/2, mb1mx3.8/19, mbtmp4.8/2, ML4.7/2, Error ellipse: s-maj=270.4km s-min=32.9km az=63.0

NEIC 13 20:56:49.2z, 2.4, 7.65S, 0.09x, 127.98E, 0.07, h139km, 10km, mb4.5/13, Error ellipse: s-maj=13.3km s-min=10.6km az=179.0

NOU 13 20:56:52.3, 8.01S x 127.99E, h132km, mb4.2, Timor Region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SAUI Saumlaki, SOEI Soe, MMRI Maturere, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NWAOU Narrogin (SRO), NWAOU Narrogin (SRO), etc.

IDD 13 21:14:21.2z, 3.6, 6.84N, 122.81E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.3/49, mbtmp3.4/3, Error ellipse: s-maj=241.6km s-min=29.3km az=63.0, Mindanao

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

VAO 13 21:17:05.7, 0.6, 3.1'00S, 65.66W, h165km, 6km, mb4.4 NEIC 13 21:17:05.6, 1.4, 3.1'04S, 0.08E, 65.5W, 0.1, h172km, 6km, mb4.5/54, Md4.5(SJA), Error ellipse: s-maj=12.8km s-min=11.1km az=86.0

SJA 13 21:17:06.2, 0.6, 3.1'08S, 65.79W, h206km, 11km, ML4.6, MW4.4

IDD 13 21:17:06.8, 0.5, 3.0'99S, 65.56W, h177km, 4km, mb3.8/12, mb1 4.0/15, mb1mx3.9/35, mbtmp4.3/15, Error ellipse: s-maj=16.1km s-min=13.6km az=82.0

ISC 13 21:17:06.4, 0.3, 3.1'00S, 65.64W, 0.05, h178km, h178, 089R/210, mb4.5/34, C3-3D, Cordoba Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TCA Tanti, RTLL Cerro Villium, RTCC Cerro Villium, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIV San Ignacio, PCMB Pacaba, PPTB Ponte de Pedra, etc.

DDIM	comp=N,1j,0m,0.6s	IAML		22 46 27.0	
DDIM	comp=N,1j,0m,0.6s	IAML		22 46 31.0	
NISR	comp=N,2j,0m,0.7s	P	Sg	22 46 08.8 -1.4	
NISR	Nisiros	S	Pg	22 46 22.6 -0.4	
KOSK	Kos Island	1.05 29	PG	Pb	22 46 12.6 +0.5
GOLH	Golhisar	1.07 74	i/P	Pb	22 46 11.0 -1.0
GOLH			i/S	Sb	22 46 25.8 -0.3
GCAM	G'zelcaml?	1.11 312	PN	Pb	22 46 12.9 +0.3
GCAM	G'zelcaml?	1.11 312	i/P	Pb	22 46 23.3 -0.3
GCAM			i/S	Sb	22 46 27.0 +0.0
GCAM			IAML	22 46 33.0	
GCAM	comp=N,1j,0m,0.6s	IAML		22 46 34.0	
AKAS	Kas	1.30 123	PN	Pb	22 46 15.8 -0.1
AKAS	Kas	1.30 123	i/P	Pb	22 46 15.2 -0.3
AKAS			i/S	Sg	22 46 35.6 +2.4
AKAS			IAML	22 46 41.0	
KSL	Kastellorizon	1.33 127	P	Pb	22 46 14.1 -1.8
KSL			S	Sb	22 46 31.0 -2.4
KSL	Kastellorizon	1.33 127	S	Sg	22 46 38.9 +4.6
ELL	Elmali	1.33 98	PN	Pg	22 46 16.8 -0.2
ELL	Elmali	1.33 98	S	Pb	22 46 23.3 -0.5
ELL			S	Sg	22 46 39.1 +4.8
SMG	Samos	1.36 304	P	Pb	22 46 16.0 -0.4
SMG			S	Sn	22 46 33.9 -0.5
SMG			AML	22 46 41.3	
SMG	comp=N,2484j,0m,0.4s	AML	AML	22 46 42.6	
SMG	Samos	1.36 304	P	Pb	22 46 16.0 -0.4
SMG			S	Sg	22 46 37.1 +1.7
MANT	Manisa	1.55 8	i/P	Pn	22 46 19.0 -0.1
MANT			S	Pb	22 46 39.0 -0.3
DGB	zmir	1.55 315	i/P	Pn	22 46 17.8 -1.1
DGB			i/S	Sn	22 46 37.6 -1.5
KULA	Kula-Manisa	1.59 11	PN	Pb	22 46 21.4 +0.3
BRDR	BURDUR-Merkez	1.61 62	i/P	Pb	22 46 21.4 +0.3
BRDR			i/S	Sg	22 46 43.4 +0.1
KARP	Karpathos	1.67 213	P	Pb	22 46 20.2 -0.4
KARP			S	Pn	22 46 42.6 +0.7
KORIT	Korkuelli	1.67 88	PN	Pb	22 46 21.9 -0.3
KORIT			i/P	Pb	22 46 21.7 +0.4
KHAL	Karahalli	1.71 34	P	Pb	22 46 42.8 -0.4
KHAL			i/S	Sb	22 46 22.7 -0.3
BASM	Basmaki-Afyon	1.71 55	PN	Pb	22 46 25.5 -0.1
AKUM	Antalya-Kumlu	1.79 110	i/P	Pg	22 46 50.1 +1.3
AKUM			i/S	Sg	22 46 24.0 +0.5
BUCU	Burdur, Bucak-	1.87 78	P	Pb	22 46 22.9 -0.8
ZEYE	Zeyir, Urla-Ze	1.90 313	i/P	Pn	22 46 22.9 -0.8
ZEYE			IAML	22 46 59.0	
ANTB	Antalya	1.91 91	PN	Pb	22 46 25.8 -0.5
ICK	Bucak	1.92 74	PN	Pb	22 46 25.8 -0.5
ISP	Isparta	1.99 64	P	Pb	22 46 25.9 +0.8
ISP	Isparta	1.99 64	PN	Pb	22 46 27.1 -0.6
APE	Apeiranthos	2.19 274	P	Pb	22 46 27.7 -0.1
SHUT	Suhut-Afyon	2.41 48	PN	Pb	22 46 32.6 +1.7
ZKR	Zakros	2.48 223	S	Pn	22 46 03.9 +2.0
ZKR			S	Pb	22 46 32.4 +0.7
NPS	Neapolis	2.73 233	P	Pb	22 46 35.9 +0.7
NPS			S	Pn	22 47 10.8 +2.5
PRK	Paraskevi	2.77 326	P	Pb	22 46 37.0 +1.2
PRK	Anoyia	3.20 240	P	Pb	22 46 42.4 +0.7
IDI	comp=N,4.2nm,0.3s,baz=358,slow=16,SNR=12	S	S	22 47 21.2 +1.3	
AKMS	Akamias	3.82 119	P	Pn	22 46 50.7 +0.5
AKMS			AML	22 47 37.8	
AKMS	comp=N,0.7nm,0.4s	AML	AML	22 47 38.0	
NATA	Nata	4.12 121	P	Pb	22 46 54.9 +0.7
OSCI	CSNet OBS 1	4.24 144	P	Pb	22 46 55.4 -0.4
SZAC	Souni	4.34 119	P	Pb	22 46 58.1 +0.7
CSG	Mathiatis	4.56 114	P	Pb	22 47 01.1 +0.7
ASGA	Asgata	4.59 117	P	Pb	22 47 01.3 +0.6
MVOU	Mavrovouni	4.76 112	P	Pb	22 47 04.2 +1.2
BRTR	Keskin Array B	5.05 255	P	Pb	22 47 09.4 +2.3
BRTR			S	Pn	22 48 08.0 +2.5
OSCI	comp=N,0.3nm,0.3s,baz=228,slow=26,SNR=5.8	S	S	22 47 07.0 -0.4	
STIP	CSNet OBS 4	5.08 139	P	Pb	22 47 30.7 +0.9
MMAI	Mount Meron Ar	7.05 122	P	Pb	22 47 33.8 -0.7
MMAI			AML	22 48 51.1 -3.8	
MLR	comp=N,5.4nm,0.3s,baz=305,slow=23,SNR=3.3	P	Pb	22 48 02.1 +4.8	
MLR	Muntele Rosu	8.70 349	P	Pb	22 48 02.1 +4.8
EIL	Eilat	9.17 141	P	Pb	22 48 02.2 -1.3
EIL			AML	22 49 41.4 -5.3	
GERES	GERES Array B	15.94 323	P	Pb	22 49 40.8 +1.6
TORD	Torodi Ar, Bea	33.57 232	P	Pb	22 52 30.5 -1.0
TORD			AML	22 52 30.5 -1.0	

ARG	Argos	0.99 42	SG	Pn	22 49 16.5 +0.8
ARG	Arkhangelos		P	Pb	22 49 02.1 +0.7
ARG			S	Pn	22 49 16.9 +1.1
STIA	Sitia Lasithi	1.03 255	P	Pb	22 49 02.4 +0.2
STIA			S	Pn	22 49 17.8 +1.0
NISR	Nisiros	1.14 353	S	Pb	22 49 15.2 +2.2
NISR			S	Sb	22 49 13.7 -4.9
NISR			AML	22 49 24.1	
NISR	comp=N,5929j,0m,0.4s	AML	AML	22 49 25.4	
NISR	comp=N,1184j,0m,0.4s	AML	AML	22 49 25.4	
KOSK	Kos Island	1.30 348	P	Pb	22 49 07.5 +0.8
KOSK			S	Pb	22 49 23.6 +0.3
KOSK	comp=N,4j,0m,0.5s	PN	Pb	22 49 07.1 +0.4	
KOSK			SN	Pb	22 49 24.1 -0.3
DATC	Dataca-Mugla	1.31 12	PN	Pb	22 49 06.9 +0.6
NPS	Neapolis	1.41 262	P	Pn	22 49 08.3 +0.6
NPS			S	Pn	22 49 25.4 -0.6
NPS			AML	22 49 36.7	
NPS	comp=N,4183j,0m,0.6s	AML	AML	22 49 37.0	
NPS	comp=N,4274j,0m,0.5s	AML	AML	22 49 37.0	
MRS	Neapolis	1.41 262	P	Pb	22 49 09.1 +0.6
MRS	Marmaris-Mugla	1.43 30	PN	Pb	22 49 09.6 +0.7
MRS			PN	Pn	22 49 15.0 +1.0
TURN	Turunc	1.50 30	i/P	Pb	22 49 10.1 +0.1
TURN			i/S	Sg	22 49 31.4 +0.7
TURN			IAML	22 49 39.0	
TURN	comp=N,617nm,0.3s	IAML	IAML	22 49 39.0	
TURN	comp=N,559nm,0.3s	IAML	IAML	22 49 43.0	
BODT	Bodrum	1.58 360	P	Pn	22 49 10.5 +0.4
BODT	Bodrum	1.58 360	PN	Pb	22 49 10.7 +0.6
BODT	Kayabasi	1.58 4	i/P	Pn	22 49 09.3 -0.9
BODT			i/S	Sn	22 49 30.4 -0.1
BDRM			IAML	22 49 38.0	
BDRM	comp=N,617nm,0.4s	AML	AML	22 49 38.0	
DALY	Dalyan (Mula)	1.72 39	PN	Pb	22 49 13.9 0.0
DALY	Dalyan (Mula)	1.72 39	i/P	Pb	22 49 14.7 +0.9
DALY			i/S	Sg	22 49 37.8 -0.1
DALY			IAML	22 49 46.0	
DALY	comp=N,460nm,0.8s	IAML	IAML	22 49 47.0	
DALY	comp=N,619nm,0.7s	AML	AML	22 49 47.0	
SANT	Santorini	1.75 301	P	Pn	22 49 12.4 0.0
SANT			S	Sn	22 49 31.6 -2.9
SANT			AML	22 49 39.9	
SANT	comp=N,1299j,0m,0.5s	AML	AML	22 49 42.8	
SANT	comp=N,4678j,0m,0.4s	AML	AML	22 49 42.8	
SANT	Santorini	1.75 301	P	Pn	22 49 13.4 +1.0
SANT			i/P	Pb	22 49 13.3 +1.0
SANT			i/S	Sn	22 49 34.8 +0.4
SANT	Santorini	1.75 301	PN	Pb	22 49 13.4 +1.0
SANT			PN	Pn	22 49 13.0 +0.6
THR8	Santorini-Mono	1.75 302	P	Pn	22 49 13.5 +1.1
THR6	Thira Island,	1.78 300	P	Pn	22 49 13.9 +1.1
SNT1	Gialos, Santor	1.79 302	P	Pn	22 49 13.4 +0.4
SNT1	Gialos, Santor	1.79 302	P	Pn	22 49 14.0 +1.1
SFR1	Fira Santorini	1.79 302	P	Pn	22 49 14.2 +1.2
THR7	Thira Santorini	1.79 302	P	Pn	22 49 14.2 +1.2
THR3	Thira Island,	1.81 301	P	Pn	22 49 14.0 +0.8
HRKL	Herakleio	1.81 265	P	Pb	22 49 14.8 -0.6
HRKL	Herakleio	1.81 265	PN	Pb	22 49 14.9 -0.5
YER	Yerkesik	1.83 25	P	Pb	22 49 15.1 +1.5
YER	Yerkesik	1.83 25	PN	Pb	22 49 15.2 +1.6
IACM	Iraklion	1.84 265	P	Pb	22 49 15.0 +1.0
IACM	Iraklion	1.84 265	P	Pb	22 49 15.2 -0.7
FETY	Fethiye	1.84 51	PN	Pb	22 49 15.9 -0.1
FETY	Fethiye	1.84 51	i/P	Sb	22 49 16.4 +0.4
FETY			S	Sb	22 49 36.6 +0.7
MLSB	Milias	1.85 12	P	Pb	22 49 15.3 +1.5
SAP3	Santorini-Thir	1.86 301	P	Pb	22 49 13.0 -1.0
SAP4	Santorini-Oia	1.86 303	P	Pb	22 49 13.8 -0.1
MULA	Mugla, Merkez-	1.95 24	i/P	Sb	22 49 16.5 +1.2
MULA			i/S	Sb	22 49 42.4 +0.3
MULA			IAML	22 49 50.0	
DDIM	comp=N,336nm,0.4s	AML	AML	22 49 50.0	
DDIM	Aydin, Didim	1.97 358	i/P	Pn	22 49 16.6 +1.2
DDIM			i/S	Sg	22 49 44.8 -1.3
DDIM			IAML	22 49 54.0	
DDIM	comp=N,383nm,1.0s	IAML	IAML	22 49 57.0	
DDIM	comp=N,412nm,1.2s	IAML	IAML	22 49 57.0	
IDI	Anoyia	1.99 265	PG	Pn	22 49 16.7 +0.9
IDI	comp=N,25nm,0.3s,baz=24,slow=3.7,SNR=33	PG	Lg	22 49 41.9	
IDI	comp=N,52nm,0.3s,baz=328,slow=21,SNR=6.3	AML	AML	22 49 41.9	
IDI	Anoyia	1.99 265	P	Pb	22 49 16.5 +0.8
IDI			S	Pn	22 49 42.0 +1.5
IDI			AML	22 49 46.1	
IDI	comp=N,4.8nm,0.3s,baz=306,slow=11,SNR=43	AML	AML	22 49 50.5	
IDI	comp=N,1482j,0m,0.5s	AML	AML	22 49 50.5	
IDI	Anoyia	1.99 265	P	Pn	22 49 16.8 +1.1
IDI	Anoyia	1.99 265	PN	Pb	22 49 17.2 +1.5
IDI	Anoyia	1.99 265	PN	Pb	22 49 15.9 +1.2
AKAS	Kas	2.01 67	PN	Pb	22 49 18.7 -0.2
AKAS	Kas	2.01 67	PN	Pb	22 49 18.1 +2.0
AKAS			IAML	22 50 02.0	
AKAS	comp=N,277nm,0.6s	AML	AML	22 50 02.0	
AKAS	Sivas	2.01 67	P	Pn	22 49 17.4 +1.3
SIVA	Sivas	2.10 258	P	Pb	22 49 20.2 -0.1
SIVA			S	Pb	22 49 46.2 0.0
APE	Apeiranthos	2.14 318	P	Pb	22 49 18.2 +0.4
APE	Apeiranthos	2.14 318	P	Pb	22 49 18.6 +0.8
APE	Apeiranthos	2.14 318	i/P	Pb	22 49 18.9 +1.1
APE			PN	Pb	22 49 18.9 +1.1
APE	Apeiranthos	2.14 318	P	Pb	22 49 18.9 +1.1
APE	Apeiranthos	2.14 318	P	Pb	22 49 18.9 +1.1
APE			S	Pn	22 49 45.2 +1.0
GCAM	G'zelcaml?	2.22 358	PN	Pb	22 49 20.4 +1.6
GCAM	G'zelcaml?	2.22 358	i/P	Pb	22 49 24.5 +0.9
SMG	Samos	2.26 350	P	Pb	22 49 19.7 +0.3
SMG	Samos	2.26 350	P	Pb	22 49 19.9 +0.5
CAEL	Denizli, Camel	2.31 44	i/P	Pb	22 49 22.9 -1.0
CAEL			IAML	22 50 10.0	
CAEL	comp=N,460nm,1.0s	IAML	IAML	22 50 19.0	
CAEL	comp=N,772nm,0.6s	IAML	IAML	22 50 19.0	
TAVA	DENIZLI Tavas	2.37 33	i/P	Pn	22 49 23.4 +2.4
TAVA			i/S	Sn	22 49 51.1 +1.3
TAVA			S	Pn	22 50 00.0
TAVA	comp=N,251nm,0.5s	IAML	IAML	22 50 04.0	
TAVA	comp=N,206nm,0.5s	IAML	IAML	22 50 04.0	
ELL	Elmali	2.46 58	PN	Pb	22 49 24.7 +2.5
ELL	Elmali	2.46 58	PN	Pb	22 49 24.5 +2.3
GOLH	Golhisar	2.52 45	i/P	Pb	22 49 26.5 +1.1
GOLH			i/S	Sb	22 49 57.3 -1.3
GOLH			IAML	22 50 17.0	
GOLH	comp=N,286nm,0.9s	AML	AML	22 50 17.0	
VAM	Vamos	2.54 269	P	Pn	22 49 25.6 +2.3
VAM	zmir	2.59 352	i/P	Pn	22 49 24.3 +0.4
DGB	zmir	2.59 352	i/S	Sg	22 50 03.7 -2.1
GVDS	Gavdos	2.71 257	PN	Pb	22 49 28.3 +2.6
GVDS	Gavdos	2.72 257	PN	Pb	22 49 28.9 -2.0
GVD	Gavdos	2.72 257	PN	Pb	22 49 28.4 +2.7
GVD	Iera Monti Meta	2.72 271	PN	Pb	22 49 27.1 +1.7
URLA	Urla	2.83 347	i		

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like JMUN, MJAR, JNU, etc.

KRNET 13:22:54:14.7, 0.1, 40.85N:74.29E, h15km, mb4.1
SOME 13:22:54:15.3, 40.92N:74.33E, h5km
NCC 13:22:54:16.1, 0.8, 40.86N:74.35E, h0km, mb4.6, mpv4.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details for stations like ARLS, ARLS, SFK, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like TKM2, DRK, DRK, DRK, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like ARXS, ARXS, ARXS, etc.

GCG 13:23:07:27.6, 0.7, 12.57N:90.71W, h29km, 392km, MD4.3
SNET 13:23:07:34.3, 0.9, 13.09N:90.38W, h16km, 5km, ML4.3
UCR 13:23:07:34.4, 0.8, 13.10N:90.38W, h18km, 5km, ML4.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details for stations like Code, Station Name, etc.

Table of astronomical observations for 14d Oh, listing station names, coordinates, and observation times.

Table of astronomical observations for 2015 JAN, listing station names, coordinates, and observation times.

Table of astronomical observations for 632, listing station names, coordinates, and observation times.

14d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, NORARS Array B, GEORSS Array B, etc.

DJA 14 00:44:54.8±0.3, 0°S, 3°12'E, h10km, M4.0/10, mb4.2/1, ML3.8/10, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMSI Cibinong, SANI Sanana, LUWI Luwuk, etc.

TUL 14 00:46:27.6±1.2, 36°75'N, 0°02'97.56W, 0.02, h5km, 7km, ML3.1, mb_Lg3.1/73(NEIC), Error ellipse: s-maj=3.6km s-min=1.6km az=222.0

NEIC 14 00:46:27.8±0.9, 36°74'N, 0°02'97.55W, 0.01, h3km, 7km, Error ellipse: s-maj=2.9km s-min=0.9km az=203.0

ANF 14 00:46:29.3±0.8, 36°73'N, 97°54'W, h12km, 6km, ML3.8/8, Error ellipse: s-maj=3.9km s-min=3.1km az=15.0

ISC 14 00:46:27.9±1.1, 36°74'N, 0°02'97.55W, 0.02, h5km, 11km, n85, c062/75, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN13 South Haven SW, KAN13 Manchester OK, etc.

QUOK Quay, OK031 S. Brethren Rd, OK030 Cody Creek RV, etc.

OK025 Westminster Rd, U32A Winter Ranch, U32A Winter Ranch, etc.

OKFA Oklahoma City, OKCSW OKLAHOMA CITY, FNO Franklin, etc.

TUL1 Leonard, TUL1 Leonard, TUL1 Leonard, etc.

W35A Tecumseh, R32A Long Quarter, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

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W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

W35A Tecumseh, W35A Tecumseh, W35A Tecumseh, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R40A Maddies Statio, W40R Woolly Hollow, W41B Gary Mavity, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSCO Kaye Shedlock, BGNE Belgrade, WHTX Lake Whitney, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHTX Lake Whitney, W40R Woolly Hollow, P40A Paris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCM Cathedral Cave, LCAR Lake Charles, Z41A Richard Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like N38A Joes South For, L34A Svendsen Farm, OGNE Ogallala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FVM French Village, 435B Harrell, K31A O'Neill, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLM Saint Louis, SCIA State Center, Q24A Divide, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDCO Great Sand Dunes, JCT Junction City, S44A Carbondale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIUC Southern Illin, W38A Parkersburg, K45A Hickory Valley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECSD EROS Data Cent, ISCO Idaho Springs, L40A Anamosa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like S22A 4UR Ranch, C7e Pilot Hill, N23A Red Feather La, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M23C Snowmass, L42A Oliver, Y22D IRIS PASSCAL I, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFWF Jewell Farm, SFIN Lafayette, TX31 Lajitas Ar. Si, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K22A Casper, JMA 14 00:46:34.9±0.4, 28°35'N, 128°10'E, etc.

NIED 14 00:46:35.0±28°35'N, 128°10'E, h11km, MW4.4, Moment Tensor solution, s3 Moment tensor: Scale 10^15Nm, etc.

DC 14 00:46:45.0±3.2, 28°35'N, 128°23'E, h89km, 31km, mb3.3/9, mb1 3.5/13, mb1mx3.4/33, mbtmp3.7/13 Error ellipse: s-maj=30.1km s-min=17.5km az=71.0

ISC 14 00:46:36.0±0.7, 28°27'N, 105°128'24E, 0.06, h10km, n23, r15/25, mb3.6/9, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTK Tokunoshima, JAMN Amaminishikomi, JAMN Amaminishikomi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOKE Okinoerabujima, JAM Amami Oshima, JTJ Takarajima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JIH Iheya, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JZK Kikaishima, JNTH Nagatoyohara, JNU Nakatani, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSR Korea Array, MJAR Matsushiro Arr, USKR Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR Kul'dur, SONM Songoing Array, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ILAR Etelson Array, YKA Yellowknife Arr, etc.

BJI 14 01:15:33.3±0.0, 26°12'N, 128°76'E, h22km, mB4.8/38, mb4.6/54, Ms4.3/38, Ms7.4/1/38

GCMT 14 01:15:39.7±0.1, 26°33'N, 128°56'E, 0.03, h32km, MW4.9/69, Moment Tensor Solution, s23c25, s69, c88; Duration: 0 Moment tensor: Scale 10^16Nm, etc.

DC 14 01:15:39.7±1.9, 26°38'N, 128°45'E, 0.06, h28km, 4km, Mb4.9/69, Error ellipse: s-maj=8.4km s-min=6.5km az=221.0

ISC 14 01:15:40.8±0.8, 26°52'N, 128°34'E, h31km, 5km, mb4.3/22, mb1 4.5/26, mb1mx3.7/37, mbtmp4.5/26, ML5.0/2, MS3.9/26, Ms1 3.9/26, ms1mx3.7/51, Error ellipse: s-maj=16.0km s-min=12.1km az=94.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTK Tokunoshima, JNTH Nagatoyohara, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JIH Iheya, JOKE Okinoerabujima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JZK Kikaishima, JNTH Nagatoyohara, JNU Nakatani, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSR Korea Array, MJAR Matsushiro Arr, USKR Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR Kul'dur, SONM Songoing Array, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ILAR Etelson Array, YKA Yellowknife Arr, etc.

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NIED 14 01:15:41.0±26°46'N, 128°50'E, h32km, MW4.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^16Nm, etc.

JMA 14 01:15:40.9±0.1, 26°46'N, 128°50'E, h32km, 2km, M4.7, JMA Feil III J1, BGR 14 01:15:57.1±0.0, 28°69'N, 126°60'E, h33km, mb4.9

ISC 14 01:15:40.0±0.4, 26°42'N, 128°52'E, 0.03, h30km, 2km, h30km, P, n404, r157/431, mb4.8/127, MS4.1/29, 40C-43D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNTH Nagatoyohara, JNTH Nagatoyohara, JOW Kunigami, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Station Name, Comp, Az, El, P, Pmax, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

Table with columns: Station Name, Comp, Az, El, P, Pmax, Time, Res, ISC. Includes stations like SUMG Summit, SUMG Summit, SUMG Summit, etc.

Table with columns: Station Name, Comp, Az, El, P, Pmax, Time, Res, ISC. Includes stations like SIJI Sorong, SIJI Sorong, SIJI Sorong, etc.

Table with columns: CHMS, Chumysh, baz=48, 5.42 49 P, Pn, 02 05 02.6 +3.7, etc.

JMA 14 02:57:06.7-0.1, 30.58N;141.67E, h52km, M3.6

DC 14 02:57:08.5-2.7, 30.27N;140.84E, h0km, mb3.5/2,

mb1 3.7/4, mb1mx3.3/43, mbtmp3.6/4, ML3.0/2, Error

ellipse: s-maj=11.3, s-min=24.5km az=69.0

ISC 14 02:57:08.6-1.2, 30.59N;141.8E;0.3, h35km, n10,

±160/13, Southeast of Honshu

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

SIGU 14 03:10:52.8, 45.60N;26.41E, h152km

DC 14 03:10:53.4-0.7, 45.60N;26.21E, h145km;3km, mb3.3/6,

mb1 3.2/12, mb1mx3.0/59, mbtmp3.6/12, MS2.8/1,

Ms1 2.7/1, ms1mx2.2/35, Error ellipse: s-maj=19.5km

BUC 14 03:10:53.0-2.2, 45.55N;26.35E, h146km;2km, ml4.2/60,

Error ellipse: s-maj=1.7km s-min=1.4km az=9.0

SOF 14 03:10:54.0, 41.21N;25.79E, h2km, MD3.1

BEO 14 03:10:53.0-0.3, 45.14N;25.26E, h0km, ML2.8/11

ISC 14 03:10:53.1-0.7, 45.55N;0.03-26.32E;0.02, h155km;4km,

n205, ±167/328, mb3.6/6, 148C-108D, Romania

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Main table with columns: LEHL, Lehtu, 1.13 161 P, Pn, 03 11 39.6 +0.1, etc.

ISC 14 03:36:20.5-1.4, 63.06N;151.20W, h99km;14km, M3.2/7,

mb1 3.4/11, mb1mx3.2/41, mbtmp3.5/11, Error ellipse:

s-maj=20.2km s-min=10.4km az=11.0

NEIC 14 03:36:22.5-0.7, 63.04N;150.98W;0.09,

h124km;4km, Error ellipse: s-maj=5.8km s-min=5.1km

az=85.0

AEIC 14 03:36:23.1-0.6, 63.03N;150.95W;0.09, h118km;2km,

ML3.3, mb3.71(NEIC), ML3.6(92)(NEIC), Error ellipse:

Table with columns: TSSL, Sulina, 2.44 98 S, Sn, 03 12 04.4 -0.4, etc.

ISC 14 03:36:22.8-0.7, 63.05N;150.96W;0.03,

h125km;5km, n166, ±0.92/181, mb3.4/7, Central Alaska

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC

14d 3h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KTH, PPLA, HUR, CUT, etc.

2015 JAN

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JPK, SEW, FID, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Mm, Mm2, Mm3, etc.

Table with columns: Station, Time, Az, El, AzEl, and other parameters. Includes stations like H04A Detroit Lake, PRN Pachroc Range, WUC Tucson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like VRI Vrincoiaia, TPGR Topolog, JAVC Velka Javorina, etc.

Table with columns: Station, Time, Az, El, AzEl, and other parameters. Includes stations like W39A comp=Z,43nm,0.7s, W39A Magazine, N33B J Bar K, Exete, etc.

UCR 14 04:10:02.6z:7.2:8.9N:84.08W,h4km,MW4.4
UPA 14 04:10:03.5z:1.0:8.94N:84.04W,h7km,4km,MW4.4
ISC 14 04:10:02.6z:1.4:8.99N:0.05:84.07W,0.04,h9km=10km,
n50,-057370,3D,Off coast of Costa Rica

Table with columns: DUNO, GRZA, COVE, CHGR2, GUAL, ACAL, HORNC, LAPC, BUEV, GBSS, NANC3, NANC3. Includes station names, coordinates, and other data.

JMA 14 04:10:25.4±0.2, 29.45N; 130.95E, h58km, M3.3
NEIC 14 04:10:35.3±0.5, 30.08N; 0.03:130.16E±0.2, h77km, 11km

IDC 14 04:10:38.9±3.4, 30.32N; 130.23E, h89km, 33km, mb3.5/10, mb1.3/0.12, mb1mx3.4/5.2, mbtmp3.8/1.2, MS3.2/10, Ms1.3/0.3, ms1mx2.9/3.9, Error ellipse: s-maj=31.0km s-min=16.7km az=68.0

ISC 14 04:10:20.3±1.4, 29.51N; 130.87E±0.08, h42km, 12km, n41, c145/44, mb3.9/1.2, MS3.9/3, Ryukyu Islands

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) and their associated seismic events (Code, Station Name, Azimuth, Phase ID, Time, Res).

IDC 14 04:14:33.8±0.6, 37.92N; 144.80E, h0km, mb4.2/2.3, mb1.4/3.0, mb1mx4.2/5.5, mbtmp4.2/3.0, ML3.5/6, MS3.2/10, Ms1.3/2.10, ms1mx3.0/4.1, Error ellipse: s-maj=15.3km s-min=12.9km az=152.0

NIED 14 04:14:38.3±0.2, 38.09N; 144.52E, h50km, M4.5
NIED 14 04:14:38.3±0.2, 38.09N; 144.52E, h50km, M4.5, Moment Tensor solution. s3 Moment tensor: Scale 10^15Nm; Mn=2.60; Mse0.81; Mse1.80; Mse0.86; Mse0.88; Mse2.53; Fault plane solution: N0.633000x10^15 NP1. 0±202.00000°, 369.00000°, -95.00000°. NP2: 0±36.00000°, 322.00000°, -77.000000°

NEIC 14 04:14:39.0±0.8, 37.91N; 0.07:144.7E±0.1, h36km, 7km, mb4.6/4.5 Error ellipse: s-maj=12.4km s-min=8.6km az=118.0

ISC 14 04:14:38.2±3.7, 38.04N; 0.05:144.68E±0.06, h28km, 26km, n129, c132/134, mb4.5/4.9, MS3.2/5, Off east coast of Honshu

Table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) and their associated seismic events (Code, Station Name, Azimuth, Phase ID, Time, Res).

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) and their associated seismic events (Code, Station Name, Azimuth, Phase ID, Time, Res).

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) and their associated seismic events (Code, Station Name, Azimuth, Phase ID, Time, Res).

Table with columns: FITZ, WRA, ASAR, MKAR, UCC, BNS, BNS, BUG, LDG, BGR, ISC. Contains station names, coordinates, and magnitudes.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like LAUG, HES, PLH, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HES, PLH, BD01, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like BZER, HKB, WBS, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KLL, DREG, AHRW, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like OLFT, BOPT, BTNL, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HILG, KASTN, BHOH, etc.

Table with columns: HAU, SFTF, HINF, CLL, LOR, LOR, CABF, CABF, SSS, SSS, SSS, SMF, SMF, AVF, AVF, LDF, LDF, FLN, FLN, FLN, BOIS, BOIS, BOIS, BOIS, GRR, TCF, MBDF, MFF, MFF, QUIF, QUIF. Contains station names, coordinates, and magnitudes.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like HAU, SFTF, HINF, etc.

Table with columns: KUU, BOOM, BOOM, TKM2, TKM2, WEL. Contains station names, coordinates, and magnitudes.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like KUU, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, R, L, I, O, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: MEM, comp=N, 7.9nm, 0.2s, 0.81 221, ePg, Pg, 05 13 22.5 -0.0, and various numerical values.

Table with columns: LZH, Lanzhou, 6.74, 4, ePn, Pn, LR, and various numerical values.

BUG 14 05:13:06.7-0.0, 51.26N; 6.94E, h6km, 6km, MD2.2/7, ML2.5/5

LDG 14 05:13:06.5-0.1, 51.22N; 6.85E, h3km, MD2.6/2, ML2.4/12, Error ellipse: s-maj=1.3km s-min=0.9km az=133.0

BGR 14 05:13:06.5-0.3, 51.21N; 6.88E, h10km, ML2.1/3, Error ellipse: s-maj=3.3km s-min=2.2km az=109.0

UCC 14 05:13:06.3-0.9, 51.24N; 6.84E, h10km, 2km, ML1.5 BNS 14 05:13:06.3-0.7, 51.23N; 6.85E, h3km, 14km, ML1.6 BNS Felt IV EMS.

ISC 14 05:13:06.2-0.8, 51.22N; 0.02-6.84E; 0.02, h15km, 6km, n66, a1927/110, 8C-21Z, Germany

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, R, L, I, O, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

MOS 14 05:21:38.9-0.9, 29.31N; 103.16E, h24km, mb5.3/76, MS4.5/6, Error ellipse: s-maj=5.5km s-min=3.8km az=117.7

NEIC 14 05:21:38.8-1.7, 29.35N; 103.20E; 0.06, h10km, 1km, MS=0.6/6; 10; MS=2.2/3; M=0.01; 15; M=0.72; 06; M=0.14; 12; Best double couple: M2 70000; 1016 NP1=158.00000; 844.00000; 1.89.00000; NP2: 0.340.00000; 846.00000; 1.91.00000; Principal axes: T 2.8840, P1g88.0000; Azm285.0000; N -0.3730, P1g1.0000; Azm159.0000; P -2.5160, P1g1.0000; Azm69.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUI 14 05:21:40.0-0.0, 29.30N; 103.20E, h20km, mB5.1/31, mb5.0/49, ML5.1/24, MS5.0/49, M5.7/4.7/65

IDC 14 05:21:42.5-2.5, 29.32N; 103.18E; h3km; 18km, mb4.7/34, mb1.4/3/36, mb1mx4.7/46, mb1mx4.9/36, ML4.9/2, MS4.1/10, MS1.4/1.10, ms1mx3.7/40, Error ellipse: s-maj=1.1km s-min=0.9km az=26.0

NOU 14 05:21:48.1, 29.08N; 103.24E, h64km, mb5.3, Sichuan, China

ISC 14 05:21:40.1-0.6, 29.35N; 103.21E; 0.03, h18km, 3km, n66, a1950/676, mb5.2/215, MS4.4/16, 26C-53D, Sichuan

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, R, L, I, O, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: LZH, Lanzhou, 6.74, 4, ePn, Pn, LR, and various numerical values.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WLF Waiferange, BCLA BCLA, KNK Knik Glacier, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like B08A Colville Reser, E04D Cinebar, NEW Newport, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PBEJ Beja, PCVE Castro Verde, PFVI Vila Visbo, etc.

NOU 14 05:29:25.2, 21.71S:174.25W, h64km, mb4.8, Tonga Islands
IDC 14 05:29:29.3, 4.0, 22.05S:175.00W, h76km, 32km, mb2.1/6, mb1.4/4.19, mb1mx4.3/33, mbtmp4.5/19, MS4.3/22, Ms1.4/3.22, ms1mx4.2/32, Error ellipse: s-maj=26.7km s-min=17.4km az=124.0
BUJ 14 05:29:35.0, 0.0, 22.20S:175.80W, h100km, mB5.7/18, mB5.1/23
NEIC 14 05:29:40.4, 2.8, 22.09S:0.07:175.9W:0.1, h147km, 56km, mb4.6/7.8, Error ellipse: s-maj=16.3km s-min=9.5km az=71.0
GCMT 14 05:29:46.4, 0.5, 21.89S:0.04:175.28W:0.03, h163km, 3km, MW5.7/60, Moment Tensor Solution. sz=2.26; s60, z77; Duration: 0. Moment tensor: Scale 1016Nm; Mv-3.39; Mw0.05; 41; Mw0.34; 32; Mo0.86; 26; Mw0.59; 33; Mw1.58; 18; Best double couple: Mo0.02600:1016 NP1:9.81.00000: 0.67.00000, lambda-11.00000. NP2:9.176.00000: 0.80.00000, lambda-156.00000. Principal axes: T 7.8040, P1g9.0000, Azm307.0000; N -3.5600, P1g65.0000, Azm197.0000; P -4.2470, P1g2.0000, Azm41.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 14 05:29:34.8, 0.4, 22.14S:0.07:175.57W:0.08, h100km, m25.1, 93/228, mb4.7/64, 6b-22D, Tonga Islands region

TIAR	comp-Z,507nm,21.2s,baz=262,slow=30	25.07 84 eP	P	05 34 37.4 -13
TVO	comp-Z,18nm,1.2s	25.10 85 eP	P	05 34 37.8 -13
TVO	Taravao	25.10 85 eT	T	05 59 35.2
ODZ	comp-Z,3.5nm,0.5s	25.50 203 P	P	05 34 56.2 +2.5
WZK	Otaoua Downs	25.94 206 P	P	05 34 58.3 +0.6
HNR	Wanaka	26.68 294 LR	LR	05 45 00.5
MLZ	Honiara	26.74 206 P	P	05 35 04.8 -0.1
MLZ	Mavora Lakes	26.74 206 P	P	05 35 17.6
DCZ	comp-Z,32nm,1.2s	27.22 207 P	P	05 35 10.2 +1.0
RMQ	Deep Cove	32.73 255 P	P	05 35 59.1 +1.0
CTAO	Charters Tower	35.61 266 P	P	05 36 23.8 +0.7
CTAO	Charters Tower	35.61 266 P	P	05 36 25.3
CMSA	comp-Z,14nm,0.7s	35.65 246 P	P	05 36 24.5 +1.2
RKT	Cobar Meteorol	37.41 99 eLR	LR	05 46 08.9
MTSU	Rikitea	37.79 269 P	P	05 36 41.1 -0.5
STKA	Mount Surprise	37.79 269 P	P	05 36 41.1 -0.5
STKA	Stevens Creek	39.16 246 P	P	05 36 54.3 +1.4
STKA	Stevens Creek	39.16 246 P	P	05 36 54.3 +1.4
STKA	Hallett	41.51 244 P	P	05 37 13.6 +1.3
BHTO	comp-Z,4.1nm,0.7s,baz=50,slow=11,SNR=3.8	43.84 245 P	P	05 37 33.8 +2.3
BBOO	Bucklebo	43.88 245 P	P	05 37 32.1 +0.7
BBOO	Bucklebo	43.88 245 P	P	05 37 33.1
AS31	comp-Z,16nm,1.2s	46.37 258 P	P	05 37 50.8 -0.6
ASAR	Alice Springs	46.37 258 P	P	05 37 51.6 +0.3
ASAR	Alice Springs	46.37 258 P	P	05 37 51.6 +0.3
ASAR	comp-Z,3.3nm,0.9s,baz=102,slow=4.2,SNR=3.5	46.62 263 P	P	05 37 52.5 -0.9
ASAR	comp-Z,729nm,18.5s,baz=98,slow=36	46.62 263 P	P	05 37 52.5 -0.9
ASAR	Alice Springs	46.62 263 P	P	05 37 51.2 -0.1
WRO	Warramunga Arr	46.62 263 P	P	05 37 58.6
WRO	Warramunga Arr	46.62 263 P	P	05 37 58.6
WB20	comp-Z,8.3nm,0.8s	46.62 263 P	P	05 37 52.5 -0.9
WB20	Warramunga Arr	46.62 263 P	P	05 37 57.9
WB2	Warramunga Arr	46.62 263 P	P	05 37 51.9 -1.4
WB2	Warramunga Arr	46.62 263 P	P	05 37 58.5
WRA	comp-Z,20nm,0.8s	46.63 263 P	P	05 37 52.5 -0.9
WRA	Warramunga Arr	46.63 263 P	P	05 37 52.5 -0.9
WRA	comp-Z,15nm,0.8s,baz=98,slow=8.0,SNR=21	46.63 263 P	P	05 37 52.5 -0.9
WRA	Warramunga Arr	46.63 263 P	P	05 39 25.3 -0.5
KRU	comp-Z,3.6nm,0.9s,baz=97,slow=3.5,SNR=3.9	50.25 272 P	P	05 37 51.5 -1.9
KRU	Warramunga Arr	50.25 272 P	P	05 37 51.5 -1.9
WDA	Kakadu	50.25 272 P	P	05 38 21.2 -0.0
FORT	Forrest	50.75 248 P	P	05 38 24.5 -0.3
MTN	Manton Dam	51.45 271 P	P	05 38 30.3 +0.2
MTN	Manton Dam	51.45 271 P	P	05 38 30.3 +0.2
FITZ	Manton Dam	51.45 271 P	P	05 38 29.3 -0.8
FITZ	Fitzroy Crossi	55.06 263 P	P	05 38 56.8 +0.2
FITZ	Fitzroy Crossi	55.06 263 P	P	05 38 56.4 -0.2
FITZ	FITZ	55.06 263 P	P	05 38 57.7
SIJI	comp-Z,19nm,1.1s	55.84 285 LR	LR	06 02 48.4
SIJI	Sorong	55.84 285 LR	LR	06 02 48.4
SWI	comp-Z,439nm,19.5s,baz=102,slow=36	55.85 285 P	P	05 39 01.6 -0.7
SWI	Sorong	55.85 285 P	P	05 39 01.6 -0.7
VNDA	comp-Z,82nm,1.0s	56.50 186 P	P	05 39 07.5 +1.5
VNDA	Vanda	56.50 186 P	P	05 39 07.5 +1.5
VNDA	comp-Z,1.8nm,0.8s,baz=13,slow=7.8,SNR=6.7	56.50 186 P	P	06 02 01.9
VNDA	Vanda	56.50 186 P	P	05 39 07.8 +1.8
VNDA	Vanda	56.50 186 P	P	05 39 16.0
SOEI	comp-Z,11nm,1.3s	58.81 272 P	P	05 39 22.7 -0.6
SOEI	Soc	58.81 272 P	P	05 39 22.7 -0.6
BATI	comp-Z,56nm,1.1s	59.22 271 LR	LR	06 05 04.7
BATI	Baumata	59.22 271 LR	LR	06 05 04.7
KLBR	comp-Z,726nm,19.4s,baz=131,slow=36	59.43 246 P	P	05 39 27.5 +0.3
KLBR	Kellerberrin	59.43 246 P	P	05 39 27.5 +0.3
MEEK	Meekeatharra	59.53 251 P	P	05 39 27.3 -0.7
MORW	Morawa	61.31 248 P	P	05 39 39.7 -0.4
MORW	Morawa	61.31 248 P	P	05 39 39.7 -0.4
EDFI	Edra, Flores	61.54 272 P	P	05 39 39.2 -0.9
EDFI	Edra, Flores	61.54 272 P	P	05 39 41.0 -1.0
MPSI	Mapaga	66.64 280 P	P	05 40 13.6 -1.6
QSPA	comp-Z,11nm,0.7s	67.94 180 P	P	05 40 23.5 +0.8
MJAR	South Pole Qui	72.87 323 P	P	05 40 50.2 -2.7
MJAR	Matsushiro Arr	72.87 323 P	P	05 40 50.2 -2.7
LEM	comp-Z,3.6nm,0.7s,baz=158,slow=5.7,SNR=7.8	75.27 269 LR	LR	06 14 44.7
LEM	Lembang	75.27 269 LR	LR	06 14 44.7
ASAJ	comp-Z,274nm,19.6s,baz=119,slow=36	76.25 330 LR	LR	06 09 08.2
ASAJ	Asahikawa	76.25 330 LR	LR	06 09 08.2
PETK	comp-Z,217nm,21.1s,baz=141,slow=31	78.44 344 P	P	05 41 21.4 -2.9
PETK	Petropavlovsk-	78.44 344 P	P	05 41 21.4 -2.9
PETK	comp-Z,19nm,0.9s,baz=136,slow=9.8,SNR=9.4	79.16 41 P	P	05 41 29.7 +1.0
PETK	Columbia Colle	79.16 41 P	P	05 41 34.7
CMB	CMB	79.16 41 P	P	05 41 34.7
MDSI	comp-Z,7.9nm,1.0s	79.27 269 P	P	05 41 28.1 -1.8
MDSI	Maura Dua	79.27 269 P	P	05 41 28.1 -1.8
AFDM	Forest Hills D	79.38 40 P	P	05 41 30.8 +1.0
ORV	Orவில்	79.46 40 P	P	05 41 33.4 +3.2
ORV	Orவில்	79.46 40 P	P	05 41 38.8
WDC	Whiskeytown Da	79.52 38 P	P	05 41 32.2 +1.7
WDC	Whiskeytown Da	79.52 38 P	P	05 41 37.0 +1.0
KSRS	Korea Arra	79.61 318 P	P	05 41 29.6 -1.3
KSRS	Korea Arra	79.61 318 P	P	05 41 29.6 -1.3
KSAR	comp-Z,149nm,20.2s,baz=136,slow=31	79.72 318 P	P	05 41 29.9 -1.2
KSAR	Wonju Arra Be	79.72 318 P	P	05 41 34.2 +2.3
OMMB	Devils Postpil	79.75 42 P	P	05 41 35.2 +3.0
OMMB	Old Mammoth Mi	79.75 42 P	P	05 41 45.3
PIX	Pinacate	79.92 50 P	P	05 41 33.4 +0.6
WAKR	Walker	80.03 41 P	P	05 41 31.6 -2.0
WAKR	Walker	80.03 41 P	P	05 41 40.2
YBH	comp-Z,11nm,1.0s	80.18 37 P	P	05 41 29.7 -4.5
YBH	Yreka Blue Hor	80.18 37 P	P	05 41 29.7 -4.5
PNTR	comp-Z,4.6nm,0.9s,baz=127,slow=6.2,SNR=4.1	80.30 41 P	P	05 41 35.3 +0.3
PNTR	Pine Nut	80.30 41 P	P	05 41 41.5
BEKR	Beckworth	80.33 40 P	P	05 41 35.8 +0.7
BEKR	Beckworth	80.33 40 P	P	05 41 41.4
VCNR	comp-Z,12nm,1.4s	80.40 41 P	P	05 41 36.7 +1.1
LHV	Virginia City	80.45 42 P	P	05 41 37.3 +1.8
LHV	Little Huntoon	80.45 42 P	P	05 41 42.3
RYN	comp-Z,11nm,1.1s	80.67 42 P	P	05 41 35.2 -1.8
RYN	Ryan	80.67 42 P	P	05 41 35.2 -1.8
NVAR	comp-Z,0.7nm,0.7s,baz=218,slow=9.6,SNR=6.0	80.69 42 P	P	06 10 01.8
NVAR	Mina Arra Bea	80.69 42 P	P	05 41 31.9 -5.2
NVAR	Mina Arra Bea	80.69 42 P	P	05 41 32.2 -4.9
NV11	Mina Arra Sit	80.78 42 P	P	05 41 38.8 +1.3
NV11	Mina Arra Sit	80.78 42 P	P	05 41 49.9
MAW	comp-Z,9.8nm,1.1s	80.79 199 LR	LR	06 17 35.9
MAW	Mawson	80.79 199 LR	LR	06 17 35.9
PAHR	comp-Z,230nm,18.4s,baz=74,slow=36	80.82 40 P	P	05 41 40.0 +2.4
PAHR	Pah Rah Range	80.82 40 P	P	05 41 43.2 +0.0
TPNV	Topopah Spring	81.10 43 P	P	05 41 42.0 +2.4
TPH	Tonopah	81.15 45 P	P	05 41 44.7 +3.1
SHPR	Sheep Range	81.55 45 P	P	05 41 46.0 +2.0
USRK	Ussuriysk Arr	81.59 325 P	P	05 41 41.0 -0.4
USRK	Ussuriysk Arr	81.59 325 P	P	05 41 41.0 -0.4
W13A	Hualapai Mount	81.60 47 P	P	05 41 44.2 +2.2
MOD	Modoc Plateau	81.66 38 P	P	05 41 42.3 +0.2

MOD	comp-Z,8.3nm,1.0s	82.66 309 eP	P	05 41 48.4
NJ2	Nanjing	82.66 309 eP	P	05 41 49.4 +2.1
NJ2	Nanjing	82.66 309 eP	P	05 41 49.4 +2.1
X16A	comp-Z,4.0nm,0.5s	82.90 49 IAmB	IAmB	05 41 55.6
X16A	Lo Mia Camp, P	82.90 49 IAmB	IAmB	05 41 55.6
KNB	comp-Z,6.7nm,1.0s	83.39 46 P	P	05 41 52.3 +1.0
KNB	Kanab	83.39 46 P	P	05 41 52.3 +1.0
U15A	North Rim	83.42 46 P	P	05 41 52.1 +0.7
U15A	North Rim	83.42 46 P	P	05 41 58.6
SZCU	comp-Z,11nm,1.1s	83.53 45 P	P	05 41 54.2 +2.2
ELK	Shurtz Canyon	83.57 42 P	P	05 41 55.8 +1.6
ELK	Shurtz Canyon	83.57 42 P	P	05 41 55.8 +1.6
X16A	Snowflake	84.00 49 P	P	05 41 54.2 -0.2
DOCA	comp-Z,4.4nm,0.5s	84.18 45 P	P	05 41 57.4 +2.5
DOCA	Emuwa	84.18 45 P	P	05 41 56.4 +0.9
MTPU	Mount Pierson	84.38 39 P	P	05 41 51.2 -5.7
G08A	Pilot Rock	84.56 36 P	P	05 42 03.6
G08A	Pilot Rock	84.56 36 P	P	05 42 03.6
MVU	comp-Z,12nm,1.0s	84.61 45 P	P	05 41 59.3 +1.8
MSU	Marysville	84.64 45 P	P	05 41 58.7 +1.1
E07A	Sunnyside	84.88 35 P	P	05 41 54.7 -3.7
E07A	Sunnyside	84.88 35 P	P	05 42 05.3
HAWA	comp-Z,10nm,0.9s	84.95 35 P	P	05 41 60.0 +1.3
HAWA	Hanford	84.95 35 P	P	05 42 05.6
CN2	comp-Z,14nm,1.2s	84.98 321 eP	P	05 41 58.0 -0.8
CN2	Changchun	84.98 321 eP	P	05 41 58.0 -0.8
KLR	comp-Z,20nm,1.6s	85.09 328 P	P	05 41 58.0 -1.3
KLR	Kul'dur	85.09 328 P	P	05 41 58.0 -1.3
MFID	comp-Z,3.3nm,0.9s,baz=109,slow=2.2,SNR=8.9	85.19 39 P	P	05 42 00.5 +0.4
MFID	Camas Ranch	85.19 39 P	P	05 42 06.6
TX31	comp-Z,9.7nm,1.2s	86.05 56 P	P	05 42 05.4 +0.7
TX32	Lajitas Ar. Si	86.05 56 P	P	05 42 06.8 +2.1
TXAR	Lajitas Array	86.05 56 P	P	05 42 05.2 +0.5
TXAR	Lajitas Array	86.05 56 P	P	05 42 05.2 +0.5
TXAR	comp-Z,4.2nm,1.0s,baz=216,slow=6.2,SNR=10	86.21 51 LR	LR	06 15 15.8
TXAR	comp-Z,1.08nm,18.0s,baz=0,slow=32	86.21 51 LR	LR	06 15 15.8
TXAR	Lajitas Array	86.05 56 P	P	05 42 07.3 +2.6
P17A	Butcher Ranch	86.10 45 P	P	05 42 06.9 +2.1
BNM	Barren Site	86.17 51 P	P	05 42 08.2 +2.9
PLCA	Paso Flores	86.51 193 LR	LR	06 14 14.7
PDAR	comp-Z,128nm,19.5s,baz=242,slow=31	86.57 43 P	P	05 42 09.1 +2.0
PDAR	Toone Canyon	86.57 43 P	P	05 42 09.0 +0.4
GD12	Guadalupe Moun	86.88 53 P	P	05 42 12.5 -2.9
SEY	Seydaneh	86.89 346 P	P	05 42 12.5 -2.9
PDAR	comp-Z,4.4nm,0.9s,baz=156,slow=5.7,SNR=12	86.82 42 P	P	05 42 11.4 -5.4
PDAR	Pineyale Arra	86.82 42 P	P	05 42 11.4 -5.4
PDAR	comp-Z,0.5nm,0.8s,baz=144,slow=2.8,SNR=3.5	86.82 42 P	P	06 16 14.5
PDAR	comp-Z,136nm,19.4s,baz=315,slow=52	86.82 42 P	P	05 42 13.8 -4.2
BCAR	Beaver Creek A	89.01 12 P	P	05 42 13.8 -4.2
ILAR	Eielson Array	89.42 12 P	P	05 42 15.1 -4.1
ILAR	Eielson Array	89.42 12 P	P	05 42 15.1 -4.7
MLSI	Meulabou, Aceh	89.76 275 P	P	05 42 22.3 -0.3
PRP	Purcupine Dome	90.35 12 IAmB	IAmB	05 42 34.8
XAN	comp-Z,12nm,1.2s	90.92 306 P	P	05 42 27.9 +0.3
XAN	Xi'an	90.92 306 P	P	05 42 27.9 +0.3
XAN	comp-Z,23nm,1.1s	91.00 288 P	P	05 42 31.0 +2.7
XAN	Xi'an	91.00 288 P	P	05 42 31.0 +2.7
PHIT	comp-Z,280nm,4.9s	91.00 288 P	P	05 42 34.3 +2.3
PHIT	Phitsanulok	91.00 288 P	P	05 42 35.0 +1.5
UTTA	Uttersand	91.08 289 P	P	05 42 35.0 +1.5
SUKH	Sukhotai	91.81 288 P	P	05 42 35.0 +1.5
KMI	Kunming	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	Kunming	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	comp-Z,15nm,0.9s	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	Kunming	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	comp-Z,190nm,4.3s	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	Kunming	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	comp-Z,320nm,4.2s	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	Kunming	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	comp-Z,580nm,4.4s	92.10 296I eP	eP	05 42 35.0 +1.5
KMI	Kunming	92.10 296I eP	eP	05 42 35.0 +1.5
HHC	comp-Z,330nm,4.7s	92.11 313 eP	eP	

0.6mm, 0.3s, baz=208, slow=9.7, SNR=6.4
SONMG Songoing Array 27.46 57 P 06 06 25.0 -0.6

NEIC 14 06:31:04.5 1.8, 17:97S:0'08.178:5W:0.1, h588km, 8km,
mb4.3/61, Error ellipse: s-maj=14.9km s-min=11.0km
az=81.0

IDC 14 06:31:06.1 1.3, 17:86S:178:59W, h600km, 10km,
mb3.7/13, mb1.3.9/15, mb1mx3.4/40, mbtmp3.6/15, Error
ellipse: s-maj=38.7km s-min=12.2km az=150.0

ISC 14 06:31:03.8 0.6, 18:05S:0'1x178:41W:0.09, h579km, n82,
+0599/72, mb4.3/42, Fiji Islands region

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

IDC 14 06:35:43.0 2.1, 0'48N:127:49E, h0km, mb3.6/3,
mb1.3.8/3, mb1mx3.4/41, mbtmp3.6/3, MS2.8/1, Ms1.2.8/1,
ms1mx2.3/31, Error ellipse: s-maj=168.9km s-min=25.7km
az=66.0

DJA 14 06:35:48.6 0.4, 0'0N:4'127E, h10km, M3.4/6, MLV3.4/6,
Northern Locusts

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for DJA and WRA.

IDC 14 06:39:30.4 2.8, 37:91N:145:02E, h0km, mb3.6/3,
mb1.3.7/4, mb1mx3.4/49, mbtmp3.6/4, ML2.8/1, MS2.6/1,
Ms1.2.6/1, ms1mx2.2/38, Error ellipse: s-maj=71.7km
s-min=33.9km az=66.0

JMA 14 06:39:35.7 0.2, 38:07N:144:52E, h42km, M3.8,
NIED 14 06:39:35.7, 38:07N:144:53E, h42km, MW3.7, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;
M=3.05; Ms=1.15; Mw=1.91; Ma=1.45; Mb=0.85; Mw/2.17;
Fault plane solution: M3.79000x10^14 NP1:
phi=213.00000; s=67.00000; lambda=90.00000. NP2:phi=33.00000;
s=23.00000; lambda=91.00000

ISC 14 06:39:35.6 1.4, 38:11N:0'07x144:71E:0.08, h35km, n21,
+182/33, mb3.7/3, East coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for ISC and WRA.

IDC 14 06:47:09.3 1.2, 28:97S:13:03W, h0km, mb4.1/6,
mb1.4.1/6, mb1mx3.8/32, mbtmp3.4/6, MS3.7/7, Ms1.3.7/7,
ms1mx3.4/26, Error ellipse: s-maj=40.0km s-min=21.1km
az=21.0

ISC 14 06:47:10.8 1.2, 29:05S:0'33:10W:0.11, h11km, n14,
+040/83, mb4.1/6, MS3.7/7, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for ISC and WRA.

IDC 14 06:48:23.6 1.8, 4:25S:145:51E, h0km, mb3.6/3,
mb1.3.9/4, mb1mx3.5/37, mbtmp3.6/4, ML3.7/1, MS3.2/1,
Ms1.3.2/1, ms1mx2.5/27, Error ellipse: s-maj=121.0km
s-min=26.4km az=124.0, Near north coast of New
Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for WRA and ILAR.

IDC 14 07:08:15.1 0.8, 55:60S:35:32W, h0km, mb4.2/7,
mb1.4.3/7, mb1mx4.1/19, mbtmp3.4/7, MS3.2/2, Ms1.3.1/2,
ms1mx2.8/17, Error ellipse: s-maj=31.3km s-min=19.5km
az=55.0

NEIC 14 07:08:18.1 1.4, 55:65S:0'1x35:4W:0.3, h15km, 2km,
mb4.5/10, Error ellipse: s-maj=26.2km s-min=16.2km
az=55.0

ISC 14 07:08:17.3 0.7, 55:55S:0'1x35:4W:0.2, h10km, n31,
+1927/24, mb4.5/10, South Georgia Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for PMSA and VNA3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for SNAA, PLCA, CPUP, and QSPA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for AC04, G002, LVC, and SIV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for MNMC, H10S2, H10S3, H10N1, H10N2, BOSA, and BOSA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for LBTB, TOAO, TORI, and YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for ILAR, ILAR, and ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for JIKM, JIKM, JIRB, JOGS, JMJS, JMJ2, JMU2, JIU, JISG, JISG, JKE, JIU, JIKRS, JIKRS, IRIF, IRIF, JAGN, JAGN, HATJ, HATJ, HATJ, YOJ, JINTH, JOW, JYRO, MKAR, ZALV, ZALV, ILAR, YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for WRA, ASAR, FITZ, DZM, and MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for NEIC, MEX, and ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for THIG, THIG, THIG, HUEH, CCIG, CCIG, CCIG, CCIG, PCIG, PCIG, PCIG, PCIG, RTAL, RTAL, TGIG, TGIG, TGIG, TGIG, ESQI, ESQI, MTF3, CMIG, CMIG, CMIG, CMIG, HUIG, HUIG, HUIG, TLIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations for PMSA, VNA3, VNA2, and SNAE.

IDC 14 08:01:22.1.1, 9.55S; 112.85E, h0km, mb4.3/9, mb1.4/4.10, mb1mx3.2/39, Error ellipse: s-maj=52.6km s-min=15.3km az=52.0

NEIC 14 08:01:28.5.2.1, 9.56S; 0.09x112.92E.0.03, h45km, 9km, mb4.3/11, Error ellipse: s-maj=13.3km s-min=3.8km az=191.0

DJA 14 08:01:30.0.0.8, 10.5S; 113.3E, h30km, 13km, M4.6/19, mb4.7/3, mb5.5/1, MLV4.6/19, Mw(mB)5.0/1, ISC 14 08:01:29.8.1.0, 9.53S; 0.07x112.86E.0.05, h57km, 10km, m60, r15/60, mb4.3/13, MS3.4/9, South of Java

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 14 08:38:12.8.2.3, 6.35S; 129.70E, h0km, mb3.7/1, mb1.3/5.3, mb1mx3.3/4.1, mbmtmp3.4/3, ML3.3/2, Error ellipse: s-maj=150.0km s-min=31.8km az=69.0, Banda Sea

IDC 14 08:59:20.5.2.2, 2.22S; 174.46W, h0km, mb3.8/3, mb1.4/0.4, mb1mx3.7/30, mbmtmp3.9/4, ML4.8/1, MS2.7/2, MS1.2/7.2, ms1mx2.5/27, Error ellipse: s-maj=71.5km s-min=46.2km az=168.0

ISC 14 08:59:25.9.2.3, 2.27S; 0.3x174.5W.0.3, h35km, n8, mb3.9, mb3.3/7.1(NEIC), Error ellipse: s-maj=10.6km s-min=5.1km az=151.0

ISC 14 09:23:27.8.3.0, 16.87S; 14.34W, h0km, mb4.1/6, mb1.4/1.6, mb1mx3.8/42, mbmtmp4.1/6, MS3.9/18, MS1.3/9.16, ms1mx3.8/29, Error ellipse: s-maj=123.3km s-min=22.3km az=141.0

NEIC 14 09:23:28.7.1.8, 16.7S; 0.1x14.49W.0.05, h10km, 1km, mb4.6/18, Error ellipse: s-maj=24.1km s-min=6.5km az=164.0

GCMT 14 09:23:30.7.0.3, 17.05S; 0.05x14.26W.0.03, h19km, 1km, MW4.8/78, Moment Tensor Solution, s13.c14; s78.c94; Duration: 0 Moment tensor: Scale 1019N; Mr-2.09.18; Mw-0.66z.11; Mw-1.43z.11; Mw-0.95z.32; Mw-0.69z.07; Ms-0.39z.24; Best double couple: M2.15700x1016 NP1.36348.00000; 3.66.00000; A-61.00000; NP2.3.6129.00000; 8.51.00000; A-117.00000; Principal axes: T 1.8410, P19.0000, Azm238.0000; N 0.6530, P120.0000; Azm147.0000; P-2.4730, P170.0000; Azm335.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 09:23:28.8.0.7, 16.7S; 0.1x14.5W.0.1, h10km, n42, r157/29, mb4.6/13, MS4.0/18, Southern Mid-Atlantic Ridge

IDC 14 09:19:04.6.2.4, 25.36S; 67.26W, h0km, mb3.8/5, mb1.3/9.6, mb1mx3.7/36, mbmtmp3.7/6, ML3.4/1, MS2.2/1, MS1.2/2.1, ms1mx2.1/32, Error ellipse: s-maj=73.7km s-min=32.5km az=5.0

ISC 14 09:19:05.1.8, 25.4S; 0.3x67.2W.0.2, h35km, n8, 0.6/47, mb3.9/4, Catamarca Province

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

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

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

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

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

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

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

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

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

ISC 14 09:23:48.4:1.7, 53.826N, 0.07, 164.68W, 0.04, h15km, gkm, m59, r133/64, mb3.5/5, Unimak Island region

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

NEIC 14 09:26:49.9:1.5, 37.5S, 0.1, 80.2W, 0.2, h106km, 19km, Error ellipse: s-maj=26.3km s-min=14.2km az=82.0

ARE 14 09:26:49.2: 2.3, 35.5S, 0.07, 80.2W, 0.2, h38km, gkm, ML4.6, mb3.7/2(NEIC), Error ellipse: s-maj=25.3km s-min=8.5km az=104.0

IGQ 14 09:26:51.0: 3.4, 5.2, 2x0.0W, h38km

ISC 14 09:26:48.5:1.0, 3.7AS, 0.05, 80.23W, 0.06, h74km, gkm, m69, r2800/79, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Peru-Ecuador border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Antisana region.

ISC 14 09:40:19.7:4.9, 4.5AS, 152.45E, h0km, mb3.4/4, mb1.3/7.4, mb1mx3.4/3.5, mbtmp3.5/4, Error ellipse: s-maj=140.5km s-min=33.7km az=108.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the New Britain region.

ISC 14 09:48:03.0: 0.3, 32.85N, 47.04E, h23km, 2km, ML4.3

TEH 14 09:48:03.0: 3.2, 84N, 46.93E, h15km, ML4.5

MOS 14 09:48:05.7: 1.0, 32.96N, 47.00E, h36km, mb4.5/28, Error ellipse: s-maj=17.1km s-min=5.0km az=93.1

ISC 14 09:48:06.4: 3.2, 32.84N, 46.91E, h33km, 24km, mb4.0/22, mb1.4/1.30, mb1mx4.0/5.2, mbtmp4.2/3.0, ML3.3/4, MS3.6/6, Ms1.3/6.6, ms1mx3.1/4.5, Error ellipse: s-maj=16.0km s-min=12.0km az=168.0

NEIC 14 09:48:06.4: 2.6, 32.80N, 0.08, 46.94E, 0.06, h42km, 5km, Error ellipse: s-maj=11.7km s-min=7.5km az=184.0

DSN 14 09:48:09.0: 2.0, 32.33N, 47.17E, h10km, mb4.8/1, Error ellipse: s-maj=23.2km s-min=11.7km az=21.0

ISC 14 09:48:04.0: 3.2, 32.78N, 47.03, 46.92E, 0.03, h22km, n287, r1511/294, mb4.3/64, MS3.8/5, 25C-9D, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Iran-Iraq border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Peran region.

ISC 14 09:48:03.0: 0.3, 32.85N, 47.04E, h23km, 2km, ML4.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Tejav region.

ISC 14 09:48:03.0: 0.3, 32.85N, 47.04E, h23km, 2km, ML4.3

MOS 14 09:48:05.7: 1.0, 32.96N, 47.00E, h36km, mb4.5/28, Error ellipse: s-maj=17.1km s-min=5.0km az=93.1

ISC 14 09:48:06.4: 3.2, 32.84N, 46.91E, h33km, 24km, mb4.0/22, mb1.4/1.30, mb1mx4.0/5.2, mbtmp4.2/3.0, ML3.3/4, MS3.6/6, Ms1.3/6.6, ms1mx3.1/4.5, Error ellipse: s-maj=16.0km s-min=12.0km az=168.0

NEIC 14 09:48:06.4: 2.6, 32.80N, 0.08, 46.94E, 0.06, h42km, 5km, Error ellipse: s-maj=11.7km s-min=7.5km az=184.0

DSN 14 09:48:09.0: 2.0, 32.33N, 47.17E, h10km, mb4.8/1, Error ellipse: s-maj=23.2km s-min=11.7km az=21.0

ISC 14 09:48:04.0: 3.2, 32.78N, 47.03, 46.92E, 0.03, h22km, n287, r1511/294, mb4.3/64, MS3.8/5, 25C-9D, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Kiv region.

14d 12h

Table with columns for station code, name, frequency, and signal strength. Includes stations like TEY, YUK, GRPR, and PEAOB.

2015 JAN

Table with columns for station code, name, frequency, and signal strength. Includes stations like PETK, KROS, JMM, and AMKA.

654

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

WRH	Wood River Hill	39.15	40	P	P	12 16 13.7 +0.3
TCOL	CIGO, UAF Yank	39.17	39	P	P	12 16 14.1 +0.6
TCOL	baz=281			S	S	12 21 30.3 -1.9
COLA	CIGO, UAF Yank	39.17	39	P	P	12 16 14.2 +0.6
COLA	College	39.17	39	P	P	12 16 14.1 +0.5
COLA	comp=Z,132nm,1.0s			pmax	pmax	
CCB	Clear Creek Bu	39.23	40	P	P	12 16 14.2 +0.1
CCB				IAMB	IAMB	12 16 16.0
O22K	Cooper Landing	39.29	47	P	P	12 16 14.2 -0.4
O22K	baz=285			P	P	12 16 14.6 0.0
PMR	Cooper Landing	39.30	45	P	P	12 16 14.8 +0.2
PMR	Palmer			pmax	pmax	
PMR	comp=Z,54nm,1.0s			P	P	12 16 14.8 +0.2
PMR		39.30	45	P	P	12 16 16.1
POKR	Poker Flat Res	39.30	39	P	P	12 16 15.1 +0.5
POKR	baz=281,SNR=23			S	S	12 21 32.8 -1.3
POKR	baz=281			S	S	12 21 32.8 -1.3
POKR	Poker Flat Res	39.30	39	P	P	12 16 15.2 +0.5
POKR				IAMB	IAMB	12 16 16.9
MK31	Makanchi Array	39.31	290	P	P	12 16 15.6 +0.5
MK31	comp=Z,12nm,0.5s			pmax	pmax	
MK31	Makanchi Array	39.31	290	P	P	12 16 15.6 +0.5
MKAR	Makanchi Array	39.31	290	P	P	12 16 15.7 +0.6
MKAR	comp=Z,7.0nm,0.4s, baz=68,slow=6.1,SNR=164			P	P	12 17 54.8 -0.4
MKAR	comp=Z,5.5nm,1.0s, baz=67,slow=9.5,SNR=3.3			P	P	12 18 08.0 -0.4
MKAR	comp=Z,2.7nm,0.4s, baz=58,slow=3.0,SNR=8.1			ScP	ScP	12 21 01.8 0.0
MKAR	comp=Z,1.5nm,0.5s, baz=53,slow=5.2,SNR=4.5			S	S	12 21 35.4 +0.5
MKAR	comp=Z,0.7nm,0.6s, baz=42,slow=5.5,SNR=1.4			S	S	12 16 15.6 +0.5
MKAR	Makanchi Array	39.31	290	P	P	12 16 15.4 +0.1
GHO	Glory Hole Cre	39.35	44	P	P	12 16 15.4 +0.1
MAKZ	Makanchi	39.50	291	P	P	12 16 17.2 +0.6
MAKZ	comp=Z,9.0nm,0.5s			pmax	pmax	
MAKZ	Makanchi	39.50	291	P	P	12 16 17.2 +0.6
MAKZ	Seward	39.52	47	P	P	12 16 17.2 +0.6
MAKZ	comp=Z,64nm,1.0s			IAMB	IAMB	12 16 17.1
IL31	IL31	39.60	39	P	P	12 16 16.8 -0.2
IL31				IAMB	IAMB	12 16 17.9
ILAR	comp=Z,43nm,0.8s			P	P	12 16 16.8 -0.3
ILAR	Eielson Array	39.60	39	P	P	12 16 16.8 -0.3
ILAR	comp=Z,39nm,0.8s, baz=295,slow=8.4,SNR=310			P	P	12 18 08.1 -1.0
ILAR	comp=Z,3.8nm,0.6s, baz=276,slow=2.9,SNR=6.6			P	P	12 21 01.7 -0.8
ILAR	comp=Z,3.2nm,1.1s, baz=287,slow=5.3,SNR=5.4			ScP	ScP	12 21 01.7 -0.8
ILAR	comp=Z,2.4nm,1.0s, baz=265,slow=12,SNR=8.6			S	S	12 21 35.9 -2.5
ILAR	Eielson Array	39.60	39	P	P	12 16 16.0 -1.1
SML	Sawmill	39.62	44	P	P	12 16 17.5 +0.2
HDA	Harding Lake	39.65	40	P	P	12 16 16.9 -0.5
HDA	baz=285,SNR=45			P	P	12 16 17.8 +0.2
HDA	Harding Lake	39.65	40	P	P	12 16 16.9 -0.5
KNK	Knik Glacier	39.65	45	P	P	12 16 17.8 +0.2
KURK	Kurchatov	39.91	298	P	P	12 16 17.8 +0.2
KURK				P	P	12 16 21.0 +1.3
KURK				P	P	12 18 01.9 +1.6
KURK				P	P	12 18 10.9
KURK				P	P	12 21 44.3 +0.9
KURK	Kurchatov	39.91	298	P	P	12 16 19.6 -0.1
FYU	Fort Yukon	39.92	37	P	P	12 16 20.6 +1.0
KURBB	Kurchatov Arra	40.00	297	P	P	12 16 20.9 +0.5
KURBB	comp=Z,29nm,0.4s, baz=73,slow=8.7,SNR=126			P	P	12 18 01.9 +0.8
KURBB	comp=Z,9.0nm,1.2s, baz=72,slow=9.0,SNR=2.9			P	P	12 18 10.9 +0.3
KURBB	comp=Z,17nm,0.9s, baz=63,slow=3.9,SNR=8.9			P	P	12 21 03.9 -0.4
KURBB	comp=Z,1.9nm,0.5s, baz=75,slow=3.6,SNR=4.3			S	S	12 21 44.2 -0.4
KURBB	comp=Z,6.0nm,1.1s, baz=70,slow=15,SNR=10.0			P	P	12 16 21.1 +0.6
PRP	Porcupine Dome	40.01	38	P	P	12 16 21.1 +0.6
SCM	Sheep Creek Mo	40.07	44	P	P	12 16 21.4 +0.4
SCM	comp=Z,42nm,0.7s			pmax	pmax	
SCM	Sheep Creek Mo	40.07	44	P	P	12 16 21.4 +0.4
SCM				IAMB	IAMB	12 16 21.8
SCM	comp=Z,42nm,0.7s			IAMB	IAMB	12 16 21.8
GLI	Glacier Island	40.43	45	P	P	12 16 24.0 +0.3
GLI				IAMB	IAMB	12 16 24.7
M24K	Tolsona, Glenn	40.53	43	P	P	12 16 25.5 +1.0
M24K	baz=285,SNR=9.9			P	P	12 16 25.6 +1.0
PAX	Paxon	40.62	42	P	P	12 16 24.9 -0.4
PAX	comp=Z,19nm,0.9s			pmax	pmax	
PAX	Paxon	40.62	42	P	P	12 16 24.9 -0.4
RIDG	Independent Ri	40.70	41	P	P	12 16 25.3 -0.6
RIDG				IAMB	IAMB	12 16 26.3
KLUJ	Klutina	40.81	44	P	P	12 16 27.4 +0.5
SLVN	Son La	40.94	242	P	P	12 16 29.0 +0.6
SLVN				IAMB	IAMB	12 16 30.1
SCRK	Sand Creek	41.01	40	P	P	12 16 27.8 -0.6
SCRK	baz=285,SNR=59			S	S	12 21 55.6 -3.5
SCRK	baz=285			S	S	12 21 55.6 -3.5
DOT	Dot Lake	41.06	41	P	P	12 16 28.1 -0.6
DOT				IAMB	IAMB	12 16 29.2
N25K	Chitina, Valde	41.38	44	P	P	12 16 32.2 +0.8
N25K	baz=287,SNR=12			S	S	12 22 04.7 +0.2
N25K	Chitina, Valde	41.38	44	P	P	12 16 32.3 +1.0
N25K				IAMB	IAMB	12 16 32.8
MENT	Menstata	41.40	42	P	P	12 16 32.0 +0.6
MENT	comp=Z,29nm,0.7s			IAMB	IAMB	12 16 33.3
L26K	Log Cabin Wild	41.54	42	P	P	12 16 32.8 +0.4
L26K	baz=286,SNR=32			P	P	12 16 35.5 +1.0
GLB	Gilahina Butte	41.79	44	P	P	12 16 35.0 +0.5
K27K	Chicken	41.80	40	P	P	12 22 09.1 -1.2
K27K	baz=286,SNR=60			S	S	12 22 09.1 -1.2
K27K	Chicken	41.80	40	P	P	12 16 35.1 +0.5
EAKA	Eagle	41.98	39	P	P	12 16 35.9 +0.1
VRDI	Verde Repeater	42.02	44	P	P	12 16 37.4 +0.9
VRDI				IAMB	IAMB	12 16 38.4
MCARA	McCarthy VSAT	42.17	44	P	P	12 16 38.8 +1.4
MCARA				IAMB	IAMB	12 16 39.3
BCAR	Beaver Creek A	42.21	41	P	P	12 16 36.6 -1.1
CRQM	Cirque	42.32	45	P	P	12 16 39.8 +0.9
TGL	Tana Glacier	42.46	45	P	P	12 16 40.9 +1.1
TGL				IAMB	IAMB	12 16 41.7
TDK	Taldyqorghan	42.55	290	eP	P	12 16 41.7 +1.1
TDK	comp=Z,21nm,1.0s, baz=290			eS	S	12 22 23.0 +1.6
TDK	Taldyqorghan	42.55	290	eP	P	12 16 41.7 +1.1
TDK				eS	S	12 22 23.0 +1.6
TDK				pmax	pmax	
BALM	Baldy	42.59	44	P	P	12 16 41.8 +0.9
BALM				IAMB	IAMB	12 16 42.7
ISLE	Juniper Island	42.74	45	P	P	12 16 42.7 +0.6
ISLE				IAMB	IAMB	12 16 43.5
SHLS	Shalkode	42.79	287	eP	P	12 16 41.4 -1.4
SHLS	baz=287			eS	S	12 22 22.5 -2.8
SHLS	Shalkode	42.79	287	eP	P	12 16 41.3 -1.4

SHLS	Barnard Glacie	42.90	44	eS	S	12 22 22.4 -2.8
BARN	Barnard Glacie	42.90	44	P	P	12 16 44.4 +1.1
BARN				IAMB	IAMB	12 16 44.8
LSA	Lhasa	42.94	263	P	P	12 16 46.0 +1.6
LSA	comp=Z,36nm,0.7s			pmax	pmax	
LSA	Lhasa	42.94	263	P	P	12 16 46.0 +1.6
UZB	Uzynybulak	43.08	287	eS	S	12 22 29.3 0.0
CTGM	Chitina Glacie	43.08	44	P	P	12 16 45.7 +1.0
YAH	Yahtse	43.10	45	P	P	12 16 46.1 +1.2
YAH				IAMB	IAMB	12 16 46.9
KPKS	Kokpek	43.13	288	eP	P	12 16 45.8 +0.5
KPKS	comp=Z,5.5nm,0.8s, baz=288			eS	S	12 22 30.9 +1.0
KPKS	baz=288			eS	S	12 22 30.9 +1.0
KPKS	Kokpek	43.13	288	eP	P	12 16 45.7 +0.5
KPKS				eS	S	12 22 30.9 +1.0
KPKS				pmax	pmax	
EPYK	Eagle Plains	43.28	36	P	P	12 16 46.9 +0.9
EPYK	comp=Z,6.0nm,0.8s			P	P	12 22 29.6 -1.7
EPYK	baz=288,SNR=81			S	S	12 22 29.6 -1.7
EPYK	Eagle Plains	43.28	36	P	P	12 16 47.0 +0.9
SATY	Saty	43.51	287	eP	P	12 16 48.8 +0.4
SATY	baz=288			eS	S	12 22 36.4 +1.0
SATY	Saty	43.51	287	eP	P	12 16 48.7 +0.4
SATY				eS	S	12 22 36.4 +1.0
SATY				P	P	12 16 48.7 +0.4
SATY				eS	S	12 16 49.7 +0.7
BVAR	Borovyoye Array	43.65	304	P	P	12 22 36.5 -0.5
BVAR	comp=Z,3.7nm,0.3s, baz=329,slow=42,SNR=63			S	S	12 22 36.5 -0.5
BRZS	Berezni	43.68	299	eP	P	12 16 49.0 -0.4
BRZS	comp=Z,4.5nm,1.1s, baz=248,slow=26,SNR=8.4			P	P	12 16 48.9 -0.4
BRZS	Berezni	43.68	299	eP	P	12 16 48.9 -0.4
BRZS				pmax	pmax	
BRVK	Borovyoye	43.70	304	eP	P	12 16 50.1 +0.7
BRVK	comp=Z,11nm,0.9s			pmax	pmax	
BRVK	Borovyoye	43.70	304	eP	P	12 16 50.1 +0.7
BRVK				IAMB	IAMB	12 16 51.2
BRVK				IAMB	IAMB	12 16 51.2
INUK	Inuvik	43.85	32	P	P	12 16 51.0 +0.7
INUK	comp=Z,49nm,0.9s			P	P	12 16 51.0 +0.7
INUK	Inuvik	43.85	32	P	P	12 16 51.0 +0.7
INUK	comp=Z,4.9nm,0.4s, baz=302,slow=11,SNR=223			P	P	12 16 23.4 +0.2
INUK	comp=Z,1.2nm,0.9s, baz=223,slow=3.1,SNR=3.6			P	P	12 16 23.4 +0.2
INUK	comp=Z,5.7nm,1.0s, baz=90,slow=1.0,SNR=3.2			S	S	12 21 19.6 +0.2
INUK	comp=Z,2.5nm,0.9s, baz=60,slow=32,SNR=7.6			S	S	12 22 38.1 -1.1
INUK	Nongkai	43.85	32	P	P	12 16 50.8 +0.5
NONG	Nongkai	43.85	32	P	P	12 16 53.0 +1.2
NONG	comp=Z,36nm,1.1s			P	P	12 16 51.9 -0.1
CHKK	Chushkaly	43.99	289	eP	P	12 16 51.8

14d 12h

2015 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HRA Herat, SUMG Summit, D03D Eldon, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH Yreka Blue Hor, KHMM Horse Mountain, F10A F10A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ANN ANN, AFDM Forest Hills D, MCMT McKenzie Canyo, etc.

J56A	baz=335,SNR=6.3	82.08	28	P	P	12 20 54.5	-0.8
J56A	comp=Z,55nm,0.9s			I	I	12 20 55.5	
H60A	Morristown	82.10	24	P	P	12 20 55.2	-0.2
OLIL	Olney	82.11	37	P	P	12 20 55.5	0.0
OLIL	comp=Z,71nm,1.4s			I	I	12 20 56.7	
ERPA	Erie	82.12	30	P	P	12 20 55.3	-0.3
ERPA	baz=334,SNR=6.7			I	I	12 20 55.4	-0.1
ERPA	comp=Z,74nm,1.0s			I	I	12 20 56.2	
U40A	Yellville	82.12	42	P	P	12 20 55.7	0.0
U40A	baz=327,SNR=28			I	I	12 20 55.7	0.0
U40A	Yellville	82.12	42	P	P	12 20 55.7	0.0
M52A	Chesterland	82.17	31	P	P	12 20 56.0	+0.2
L53A	Girard	82.18	30	P	P	12 20 55.6	-0.2
NCB	Newcomb	82.22	26	P	P	12 20 55.7	-0.3
NCB	comp=Z,45nm,1.3s			I	I	12 20 56.6	
O49A	Covington	82.30	34	P	P	12 20 56.3	-0.2
O49A	comp=Z,45nm,1.1s			I	I	12 20 57.2	
VT1	Waterbury	82.30	24	P	P	12 20 56.9	+0.5
VT1	comp=Z,52nm,1.0s			I	I	12 20 57.5	
WVNY	West Valley, N	82.31	29	P	P	12 20 56.1	-0.4
PKME	Peaks-Kenny Pk	82.33	22	P	P	12 20 56.5	0.0
PKME	baz=340,SNR=7.1			I	I	12 20 56.8	+0.3
PKME	Peaks-Kenny Pk	82.33	22	P	P	12 20 56.8	+0.3
PKME	comp=Z,51nm,1.2s			I	I	12 20 57.5	
H61A	Lyndonville	82.33	24	P	P	12 20 56.8	+0.2
H61A	baz=338,SNR=20			I	I	12 20 56.5	-0.3
N51A	Ashland	82.37	32	P	P	12 20 57.5	
N51A	comp=Z,56nm,0.9s			I	I	12 20 56.8	0.0
G63A	Kingsbury	82.39	22	P	P	12 20 56.8	0.0
G63A	baz=340,SNR=9.7			I	I	12 20 56.7	-0.6
K56A	Middlesex	82.46	28	P	P	12 20 56.7	-0.6
K56A	baz=335,SNR=5.6			I	I	12 20 57.3	+0.1
G64A	Maxfield	82.47	21	P	P	12 20 57.3	+0.1
G64A	baz=340,SNR=13			I	I	12 20 57.3	+0.1
ALLY	Alegheny Colle	82.49	31	P	P	12 20 57.3	-0.1
M53A	WI Miller	82.49	31	P	P	12 20 57.3	-0.1
M53A	baz=333,SNR=17			I	I	12 20 57.5	0.0
H62A	MIan	82.50	23	P	P	12 20 57.5	+0.1
H62A	baz=339,SNR=13			I	I	12 20 57.6	+0.2
H62A	Milan	82.50	23	P	P	12 20 57.6	+0.2
H62A	comp=Z,69nm,0.9s			I	I	12 20 57.6	0.0
SIUC	Southern Illin	82.52	39	P	P	12 20 57.6	0.0
P45A	Milroy	82.57	35	P	P	12 20 57.3	-0.3
S44A	Carbondale	82.53	39	P	P	12 20 57.8	+0.1
TX31	Lajitas Ar. Si	82.57	53	P	P	12 20 59.1	+1.0
TX32	Lajitas Array	82.57	53	P	P	12 20 59.0	+0.9
TX32	comp=Z,53nm,1.1s			I	I	12 21 00.4	
TXAR	Lajitas Array	82.57	53	P	P	12 20 59.2	+1.0
TXAR	comp=Z,26nm,0.8s, baz=288,slow=3.9,SNR=243			I	I	12 20 59.2	+1.0
TXAR	PKKpbcb			I	I	12 20 59.2	+1.0
TXAR	PKKpbcb			I	I	12 20 59.2	+1.0
TXAR	comp=Z,0.4nm,0.8s, baz=132,slow=3.8,SNR=3.9			I	I	12 20 58.4	+0.3
TXAR	Lajitas Array	82.57	53	P	P	12 20 58.4	+0.3
TXAR	Lajitas Array	82.57	53	P	P	12 20 58.4	+0.3
VSL	Villasalto	82.59	325	P	P	12 20 58.1	+0.1
Z35A	Perchaven, San	82.60	47	P	P	12 20 58.5	+0.4
I60A	Shoreham	82.60	25	P	P	12 20 57.7	-0.2
I60A	baz=338,SNR=7.0			I	I	12 20 57.4	-0.5
J59A	Piesco	82.61	26	P	P	12 20 57.4	-0.5
J59A	baz=337,SNR=11			I	I	12 20 57.5	-0.5
J59A	Piesco	82.61	26	P	P	12 20 57.5	-0.5
J59A	comp=Z,44nm,1.0s			I	I	12 20 58.5	
LBNH	Lisbon	82.61	24	P	P	12 20 58.1	+0.2
LBNH	baz=338			I	I	12 20 58.2	-0.2
W39A	Magazine	82.67	43	P	P	12 20 59.0	+0.5
W39A	baz=327,SNR=8.3			I	I	12 20 59.9	
W39A	Magazine	82.67	43	P	P	12 20 59.9	
W39A	comp=Z,45nm,1.2s			I	I	12 20 57.5	-0.8
H57A	Scipio Center	82.68	28	P	P	12 20 57.5	-0.8
H57A	baz=336			I	I	12 20 58.5	+0.1
K63A	New Sharon	82.71	33	P	P	12 20 58.3	-0.3
K63A	baz=339,SNR=5.2			I	I	12 20 58.5	-0.1
P49A	Miami Univ. Ec	82.73	35	P	P	12 20 58.5	-0.1
P49A	baz=331,SNR=8.8			I	I	12 20 58.5	-0.1
P49A	Miami Univ. Ec	82.73	35	P	P	12 20 58.5	-0.1
P49A	comp=Z,76nm,1.1s			I	I	12 20 58.6	-0.1
ACSO	Alum Creek Sta	82.75	33	P	P	12 20 58.6	-0.1
ACSO	baz=332,SNR=1.4			I	I	12 20 58.7	-0.1
ACSO	Alum Creek Sta	82.75	33	P	P	12 20 58.7	-0.1
ACSO	comp=Z,66nm,0.9s			I	I	12 20 59.5	
M54A	Oil Creek Stat	82.77	30	P	P	12 20 58.5	-0.4
M54A	baz=339,SNR=9.8			I	I	12 20 58.5	-0.4
M54A	Oil Creek Stat	82.77	30	P	P	12 20 58.5	-0.4
M54A	comp=Z,68nm,1.1s			I	I	12 20 59.0	+0.2
LMN	Caledonia Moun	82.80	19	P	P	12 20 59.0	+0.2
LMN	baz=338			I	I	12 21 00.0	
G65A	Princeton	82.80	21	P	P	12 20 58.7	-0.2
G65A	baz=341,SNR=7.0			I	I	12 20 59.0	+0.2
G65A	Princeton	82.80	21	P	P	12 20 59.0	+0.2
G65A	comp=Z,51nm,1.1s			I	I	12 21 00.1	
PBMO	Poplar Bluff	82.81	40	P	P	12 20 59.2	+0.2
PBMO	comp=Z,78nm,1.1s			I	I	12 21 00.3	
161A	Oroboro, Fair	82.82	24	P	P	12 20 59.2	+0.3
161A	baz=338,SNR=8.6			I	I	12 20 59.1	-0.1
FCAR	Ozark Folk Cen	82.83	42	P	P	12 20 59.1	-0.1
FCAR	comp=Z,56nm,1.0s			I	I	12 21 00.1	
L56A	Greenwood	82.89	29	P	P	12 20 58.9	-0.5
L56A	baz=335,SNR=10			I	I	12 20 59.0	-0.5
L56A	Greenwood	82.89	29	P	P	12 20 59.0	-0.5
L56A	comp=Z,67nm,1.1s			I	I	12 20 59.8	+0.3
WVL	Waterville	82.89	22	P	P	12 20 59.6	+0.3
WVL	comp=Z,34nm,1.0s			I	I	12 21 00.3	
K58A	Earlville	82.91	27	P	P	12 20 59.0	-0.5
K58A	baz=336,SNR=17			I	I	12 20 59.2	-0.3
K58A	Earlville	82.91	27	P	P	12 20 59.2	-0.3
ACCN	Adirondack Com	82.92	25	P	P	12 20 59.3	-0.2
ACCN	comp=Z,45nm,1.1s			I	I	12 21 00.3	
H64A	Troy	82.93	22	P	P	12 20 59.5	0.0
H64A	baz=340,SNR=6.6			I	I	12 21 00.7	+0.5
USIN	University of	82.94	37	P	P	12 21 00.7	+0.5
USIN	comp=Z,48nm,0.9s			I	I	12 21 00.8	
N53A	Lisbon	83.00	31	P	P	12 20 60.0	0.0
N53A	baz=339,SNR=9.8			I	I	12 21 00.5	+0.6
N53A	Hanover	83.01	24	P	P	12 21 00.5	+0.6
GGN	Saint George	83.05	20	P	P	12 21 00.1	0.0
GGN	comp=Z,47nm,0.9s			I	I	12 21 01.0	
LCAR	Lake Charles	83.10	41	P	P	12 21 00.7	+0.2
LCAR	comp=Z,42nm,1.1s			I	I	12 21 01.9	
I62A	Tamworth	83.11	24	P	P	12 21 00.7	+0.3
I62A	baz=339			I	I	12 21 01.1	+0.7
I62A	Tamworth	83.11	24	P	P	12 21 01.1	+0.7
I62A	comp=Z,52nm,1.3s			I	I	12 21 00.4	0.0
H65A	Eastbrook	83.12	21	P	P	12 21 00.4	0.0
H65A	baz=340,SNR=7.0			I	I	12 21 00.2	-0.3
J60A	Lant Hill Farm	83.12	25	P	P	12 21 00.2	-0.3
J60A	baz=337			I	I	12 21 01.1	+0.5
K59A	Cooperstown	83.14	26	P	P	12 21 01.1	+0.5
K59A	baz=337,SNR=12			I	I	12 21 01.3	+0.7
I63A	Otisfield	83.14	23	P	P	12 21 01.3	+0.7
I63A	baz=339,SNR=14			I	I	12 21 00.6	-0.1
N54A	Moraine State	83.15	31	P	P	12 21 00.7	-0.1
N54A	baz=339,SNR=12			I	I	12 21 00.7	-0.1
N54A	Moraine State	83.15	31	P	P	12 21 00.7	-0.1
PARMO	Parma	83.20	40	P	P	12 21 01.7	+0.7
L57A	Andrews Acres	83.24	28	P	P	12 21 00.2	-0.9
L57A	baz=336,SNR=6.6			I	I	12 21 00.2	-0.9
H66A	Whiting	83.25	21	P	P	12 21 01.0	-0.1
H66A	baz=341			I	I	12 21 01.4	+0.1
WCI	Wyandotte Cave	83.26	36	P	P	12 21 01.4	+0.1
WCI	comp=Z,42nm,0.9s			I	I	12 21 01.4	+0.1
WCI	Wyandotte Cave	83.26	36	P	P	12 21 01.4	+0.1
WCI	baz=330			I	I	12 21 01.4	+0.1
WCI	Wyandotte Cave	83.26	36	P	P	12 21 01.4	+0.1
WCI	comp=Z,42nm,0.8s			I	I	12 21 01.1	-0.2
WHAR	Woolly Hollow	83.26	42	P	P	12 21 01.6	+0.3
J61A	Chester	83.27	25	P	P	12 21 01.3	0.0
J61A	baz=338			I	I	12 21 01.1	-0.2
O52A	Adamsville	83.27	32	P	P	12 21 02.1	-0.2
O52A	comp=Z,64nm,0.9s			I	I	12 21 00.9	-0.6
M56A	Emporium	83.28	29	P	P	12 21 00.8	-0.6
M56A	baz=335,SNR=7.7			I	I	12 21 01.4	
M56A	Emporium	83.28	29	P	P	12 21 01.4	
M56A	comp=Z,33nm,0.9s			I	I	12 21 01.6	+0.3
EMMW	East Machias	83.29	21	P	P	12 21 02.3	
EMMW	comp=Z,32nm,1.0s			I	I	12 21 02.2	+0.6
MIAR	Mount Ida	83.31	43	P	P	12 21 02.2	+0.6
MIAR	comp=Z,39nm,1.0s			I	I	12 21 02.2	+0.6
MIAR	Mount Ida	83.31	43	P	P	12 21 02.2	+0.6
MIAR	baz=337,SNR=18			I	I	12 21 03.3	
MIAR	Mount Ida	83.31	43	P	P	12 21 03.3	
MIAR	comp=Z,39nm,0.9s			I	I	12 21 01.1	-0.5
BINY	Binghamton	83.32	27	P	P	12 21 01.2	-0.3
BINY	baz=335,SNR=7.2			I	I	12 21 02.1	
BINY	Binghamton	83.32	27	P	P	12 21 02.1	
BINY	comp=Z,33nm,0.9s			I	I	12 21 02.5	+0.8
T45A	Pacon	83.36	39	P	P	12 21 01.6	-0.2
O53A	New Philadelphia	83.37	32	P	P	12 21 01.8	0.0
O53A	baz=333,SNR=9.9			I	I	12 21 02.8	
O53A	New Philadelphia	83.37	32	P	P	12 21 02.8	
O53A	comp=Z,58nm,0.9s			I	I	12 21 03.9	+0.9
HPIG	HPIG	83.38	56	P	P	12 21 03.9	+0.9
HPIG	comp=Z,36nm,1.0s			I	I	12 21 02.0	+0.1
W41B	Gary Mavity, V	83.38	42	P	P	12 21 02.2	+0.2
W41B	baz=339,SNR=24						

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like V51A Loudon, Q59A Harwood, R58A Rapidan, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like X58A Rowland, X58A Barancos, X58A Pink Hill, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like GOLG Golise, LEGIS Legarie, GCIS Gorjic, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JAY Jayapura, COEN Coen, MNR Mount Suribe, HTR Honiara, CTA Charters Tower, CTAO Charters Tower, KDU Kudu, QIS Mount Isa, SUJI Sorong, MTN Manton Dam, MTN Manton Dam, WRAB Tennant Creek, WRAB Tennant Creek, EIDS Eidsvold, EIDS Eidsvold, EIDS Roma, QLP Quilpie, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SOEI Soe, SOEI Soe, BATI Baumata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ARMA Armidale, ARMA Armidale, ARMA Armidale, CMSA Cobar Meteorol, STKA Stephens Creek, STKA Stephens Creek, HTT Hallett, BBOO Buckleboe, BBOO Buckleboe, FORT Fortes, PSAO Pilbara Seismi, MEEK Meekehathara, MORW Morawa, MORW Morawa, KLRB Kellerberrin, BLDU Ballidu, NWAO Narrogin (SRO), NWAO Narrogin (SRO), MUN Mundaring, KSRS Korea Array, Vnda Vanda, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, QSPA South Pole Qui, CCB Clear Creek Bu, IL31 Eielson Array, ILAR Eielson Array, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

IDC 14 16:54:21.15,2.11,37S,114.79E,h0km,mb3.3/3, mb1 3.4/3, mb1mx3.322, mbtmp3.43, Error ellipse: s-maj=321.4km s-min=29.7km az=48.0, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 14 17:47:30.2.1.4.501,35N,149.69E,h496km,19km,mb2.9/9, mb1 3.0/13, mb1mx2.8/44, mbtmp4.7/13, Error ellipse: s-maj=22.6km s-min=13.9km az=133.0

IDC 14 17:47:30.2.0.8,50.3N,0.1:149.8E,0.1,h500km,n13, o=58/13,mb3.4/9,Sea of Okhotsk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PETK Petropavlovsk, ASAJ Asahikawa, KLR Kul'dur, SEY Seymchan, ILAR Eielson Array, INK Inuvik, YKA Yellowknife Ar, FINES Fines Array B, NOA NORSAR Array B, PDAR Pinedale Array, AKASG Malin Array, ASAR Alice Springs, TXAR Lajitas Array.

IDC 14 18:51:05.7,6.7,67.0N,72.91W,h164km,6km,mb3.4/8, mb1 3.7/12, mb1mx3.4/41, mbtmp4.0/12, Error ellipse: s-maj=15.4km s-min=7.0km az=133.0

RSNC 14 18:51:06.2,1.4,6.84N,73.13W,h160km,6km,ML4.2, Mw4.2, Fault plane solution: N1P1,28,00000, 867.00000, lambda-162.00000

NEIC 14 18:51:06.2,2.1,6.72N,0.09:72.91W,0.10,h167km,5km,

mb4.0/12, Error ellipse: s-maj=15.9km s-min=10.5km az=130.0

VAO 14 18:51:07.3,0.8,6.85N,73.02W,h175km,9km,mb4.1 ISC 14 18:51:05.5,6.6,8.2N,100.73:10W,0.03,h164km,5km, n97,ci878/137,mb3.9/13,103-5D,Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BARC Barichara, PAMC Pamplona, BRRC Barranca, RUSC La Rusia, TAME Tame, PTBC PUERTO BERRIO, OCAC Ocana, ZARC Zaragoza, NORC Norcasia, SMLC San Martin, CHIC Chingaza, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, UREC San Jos de Ur, VILC Villavicencio, PTGC Puerto Gaitan, RREF El Recreo, CBOS Ciudad Bolivar, DBBC Dabeiba, TOLC Tolima, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, ARGC Ariguani, ANIL Santa Ana, ORTC Ortega, CVALL Valledupar, CVALL Valledupar, SJCC San Jacinto, GUVV San Jose del G, YOTC Yotoc, SMRC Santa Marta, CAPC Capurgana, MACC Macarena, BETC Betania, MALC Bahia Malaga, MALC Bahia Malaga, GARC Garzon, BBAC Balboa, BCIP Isla Barro Colorado, OTAV Otavalo.

PCRV Puerto La Cruz, comp=Z,3.4nm,0.3s,baz=256,slow=3.5,SNR=14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PCRV Puerto La Cruz, PLCV Yajalla, PCJ Portland Cotta, PCH Stony Hill, STH BANI, BNI Bonnie Gate, MTJ Mount Saint A, BBJ BBJ, SDDR Presa de Saban, JTS Las Juntas de, JTS Las Juntas de, ATAH Atahualpa, ETMB Extrema, SAML Samuel, SAML Samuel, ITTB Itaituba, MALB Monte Alegre, MCB Macapa, MPGR Novo Progresso, WILC Vilhena, SIV San Ignacio, PTLB Pontes e Lacer, ARAC Araguainia, PEXB Peixe, SDBA SAO DESIDERIO, PCMB Pacaembu, TRCB Terra Rica, TX32 Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX31 Lajitas Ar. Si, MNTX Coronadus Mount, MNTX Tucson, X16A Loja Camp, PV13 Radium Mt, PV13 Radium Mt, RISSA Black Hills, RISSA North Rim, LCMT Little Creek, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, MSU Marysvale, NVAR Mina Array, YBA Yreka Blue Hor, YKA Yellowknife Ar, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, ILAR Eielson Array, MKAR Makanchi Array, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai, JMA 14 19:29:56.6,0.2,24.45N,122.83E,h90km,2km,ML1.7, TAP 14 19:29:57.0,2.4,45N,122.86E,h64km,ML2.9,C ISC 14 19:29:57.2,1.4,24.44N,0.05:122.84E,0.03,h84km,8km, n75,ci88/113,Taiwan region

JMA 14 19:29:56.6,0.2,24.45N,122.83E,h90km,2km,ML1.7, TAP 14 19:29:57.0,2.4,45N,122.86E,h64km,ML2.9,C

ISC 14 19:29:57.2,1.4,24.44N,0.05:122.84E,0.03,h84km,8km, n75,ci88/113,Taiwan region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Humberstone, IOPC Station P, Pisagua, etc.

IDC 14 22:08:26.4u.0.9, 1.01N, 96.97E, h0km, mb4.2/1.1, mb1.4/2.13, mb1mx3.9/38, mbtmp4.1/13, ML3.5/1, MS3.3/3, Ms1 3.4/3, ms1mx2.9/40, Error ellipse: s-maj=28.5km s-min=17.4km az=55.0

DJA 14 22:08:29.7i.1.6, 1.1N, 4.97E, 1.1, h27km, 9km, M4.5/1.2, mb4.6/4, mB5.1/3, MLV4.5/12, Mw(mb)4.4/3 NEIC 14 22:08:30.4i.1.1, 1.03N, 0.07E, 97.11E, 0.07, h26km, 4km, mb4.4/2.6, Error ellipse: s-maj=10.4km s-min=9.2km az=27.0

ISC 14 22:08:30.6u.0.6, 1.08N, 106.97E, 12E, 0.07, h25km, n102, s=1542/97, mb4.4/31, 1C, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Gunungsitoli, Rantau Prapat, KSI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Diego Garcia H, ZIRO, ENH, FITZ, SMLA, etc.

IDC 14 22:09:51.9.6.4, 16.86S, 147.77W, h0km, mb4.2/5, mb1.4/1.5, mb1mx3.9/24, mbtmp4.2/5, MS3.6/8, Ms1 3.6/8, ms1mx3.2/34, Error ellipse: s-maj=143.2km s-min=59.1km az=63.0

ISC 14 22:09:52.5.5.8, 17.0S, 0.5, 14.9W, 0.8, h10km, n19, s=085/8, mb4.3/7, MS3.6/8, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ASCENSION HYDR, H10S2, H10S3, etc.

mb1 3.7/1.5, mb1mx3.5/46, mbtmp3.6/15, ML3.3/4, MS3.6/3, Ms1 3.6/3, ms1mx2.8/53, Error ellipse: s-maj=26.1km s-min=19.6km az=160.0

TEH 14 22:34:10.7, 28.72N, 51.86E, h8km, ML3.7 OMAN 14 22:34:17.6u.0.6, 28.33N, 52.00E, h10km, mb5.1/5, ml3.7/9, Error ellipse: s-maj=60.5km s-min=9.6km az=263.0

DSN 14 22:34:18.5i.1.4, 28.44N, 52.26E, h10km, ML3.7/8, Error ellipse: s-maj=32.0km s-min=12.1km az=33.0

ISC 14 22:34:12.0u.0.6, 28.75N, 0.05, 51.89E, 0.05, h15km, n103, s=1968/121, mb3.6/12, MS3.7/3, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AHRAM, KAZI, SHI, etc.

IDC 14 22:34:09.5i.1.2, 28.74N, 51.93E, h0km, mb3.6/11, mb1.4/1.5, mb1mx3.9/24, mbtmp4.2/5, MS3.6/8, Ms1 3.6/8, ms1mx3.2/34, Error ellipse: s-maj=143.2km s-min=59.1km az=63.0

Table with columns for station name, coordinates, and various parameters. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like SORM Soroca, SORM Soroca, SORM Soroca, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P, etc.

SAJ 15 03:06:37.4 0.6 24:24S:67:16W, h191km, 5km, ML4.1, MW3.8
NEIC 15 03:06:37.8 1.9 24:25S:0:06:67:29W:0.06, h205km, 10km, Error ellipse: s-maj=9.5km s-min=7.4km az=210.0
VAO 15 03:06:37.0 1.5 24:39S:67:61W, h236km, 12km, mb4.1
GUC 15 03:06:39.0 0.6 24:21S:67:48W, h215km, 7km, ML4.1
IDC 15 03:06:40.9 1.3 23:75S:67:08W, h197km, 15km, mb3.6/1, mb 1 3.4/6, mb1mx3.2/28, mbtmp3.9/6, Error ellipse: s-maj=17.6km s-min=17.3km az=163.0
ISC 15 03:06:37.5 0.7 24:26S:0:04:67:21W:0.04, h193km, 7km, n88, c157/126, 11C-2D, Chile-Argentina border region

DDA 15 03:15:43.5 36:97N-26:67E, h7km, 3km, ML2.2
ISK 15 03:15:44.3 37:00N-26:68E, h13km, ML2.3/11
ATH 15 03:15:44.7 36:98N-26:69E, h32km, 9km, ML2.6/3, Error ellipse: s-maj=9.0km s-min=1.3km az=79.0
THE 15 03:15:44.8 37:00N-26:70E, h3km, 5km, ML2.5/4, Error ellipse: s-maj=5.5km s-min=0.8km az=144.0
ISC 15 03:15:44.4 0.3 15:44.4 0.2-26:67E:0.02, h15km, 8km, n42, c05/45/62, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOSK Kos Island, BODT Bodrum, NISR Nisiros, etc.

NEIC 15 03:21:30.0z 1.4, 18:21Nz 0.05:100:72Wz 0.05, h55kmz 7km, Error ellipse: s-maj=7.1km, s-min=6.1km, az=203.0, ms3.7/17, MS3.7/17, Ms1 4.4/17, ms1mx3.5/31, Error ellipse: s-maj=34.8km, s-min=13.5km, az=50.0

MEX 15 03:21:31.7z 0.7, 18:20Nz 100:72W, h57kmz 6km, MD4.6, ISC 15 03:21:30.5z 0.7, 18:22Nz 100:04:100:71W 0.04, h54kmz 6km, n490, r1s32/446, mb4.6/101, MS3.7/14, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARIG Puente Sto Nin, ZIIG Zihuatajejo, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 435B Jarrell, 435B Jarrell, WHTX Lake Whitney, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U40A Yerville, ESJX Sierra Juarez, 352A Blakely, etc.

15d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GOGF, FVM, PKCU, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SFIN, V56A, X58A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GLMI, YBH, M56A, etc.

15d 4h

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, and various station codes (WDLH, LONT, LDUT, etc.).

SOME 15 04:58:31.2.39'08N.72'92E, h15km, MS3.0
MOS 15 04:58:32.7.0.9.38'15N.72'93E, h131km, mb4.2/10, Error ellipse: s-maj=9.6km s-min=4.3km az=78.4
IDC 15 04:58:33.3.2.4.38'10N.72'93E, h119km,20km, mb3.7/19, mb1 3.9/24, mb1mx3.7/45, mb1mx4.2/24, MS3.5/4, Ms1 3.5/4, ms1mx2.9/36, Error ellipse: s-maj=16.5km s-min=12.9km az=180.0
NEIC 15 04:58:33.8.1.3.38'22N.0.05:72'92E:0.0:09, h129km,9km,

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station codes (KSH, AML, UCH, etc.).

TDK Taldyqorghan 7.98 29 eP Pn 05 00 26.6 0.0
TDK Taldyqorghan 7.98 29 ePN Pmax 05 00 26.5 0.0
MAK2 Makanchi 10.92 35 Pn 05 01 06.5 +0.4
MAK2 Makanchi 10.92 35 P 05 01 06.5 +0.4
MK31 Makanchi Array 11.05 36 i P Pmax 05 01 08.4 +0.6

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Table with columns: Station Name, Az, Az', Phase ID, Time, Res, and various station codes (MK31, MKAR, MKAR, etc.).

ARCES ARCES Array B 40.25 336 P P 05 05 56.9 -0.5
ARCES ARCES Array B 40.25 336 P P 05 05 56.9 -0.5
KLR Kul'dur 42.92 55 P P 05 06 21.1 +0.8
KLR Kul'dur 42.92 55ceP Pmax 05 06 20.7 +1.3
GERES GERES Array B 43.28 304 P P 05 06 23.4 +1.0
TIXI Tiksi 43.67 22ceP Pmax 05 06 25.3 +0.3
TIXI Tiksi 43.67 22 P 05 06 25.3 +0.3
TIXI Tiksi 43.67 22 P 05 06 24.8 -0.2
NB2 NORSAR Subarra 44.03 322 P P 05 06 28.9 +0.1

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like MORW Morawa, PDSI Padang, BBOO Buckleboo, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like I46RU Zalesovo Infrac, ZALV Zalesovo Beam, etc.

NEIC 15 07:10:27.8, 2.64, 60N, 0.07, 17.5W, 0.1, h7km, 5km, Error ellipse: s-maj=10.6km s-min=8.5km az=188.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IDYN Dyingjuhals, IDYN bam-10.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IURH Urdarhals, IKVE Kverfjoll, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IKRE Kreppuhar, IKRE bam-69, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like ISVH V-Sauoahnukur, ISVH bam-74, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IFAG Fagholmsmyri, IFAG bam-155, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IADA Aadalb, IADA bam-62, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like ISNB Snaabyl, ISNB bam-211, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IMEL Melnhousar, IMEL bam-19, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like IRJU Rjupnafell, IRJU bam-209, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like SPITS Spitsbergen Ar, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like TULEG Thule, CLL Colim, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like KWP Kalwaria Pacla, KWP Kalwaria Pacla, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like KOLS Kolonic sedl, KOLS Kolonic sedl, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like A21K Barrow, A21K Barrow, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC. Includes stations like ABKAR Akbulak array, ABKAR Akbulak array, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like Clayton, Kansas State U, KSU1, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like LTZ, ARCC, RPZ, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like U40A, Yellville, MIAR, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like IDC 15 07:37:52.7, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like ANF 15 07:47:28.0, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like IDC 15 07:47:50.8, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like NOU 15 07:44:59.8, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like WEL 15 07:44:59.4, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like IDC 15 07:59:56.2, etc.

15d 12h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WERN Wertitzgruen, KRUC Moravsky, NKC Novy Kostel, etc.

UPP 15 11:40:36.2; 7.62; 79N; 27.80E, h0km, ML1.9, Suspected explosion

HEL 15 11:40:38.9; 0.1, 63; 10N; 27.75E, h0km, ML2.0, Explosion

IDC 15 11:40:39.0; 1.5, 63; 10N; 27.69E, h0km, mb1.3, 1/3, mb1mx2.9/39, mbmp3.1/3, ML2.1/3, Error ellipse: s-maj=20.2km s-min=6.1km az=101.0

ISC 15 11:40:37.9; 0.9, 63.03N; 0.03; 27.76E; 0.04, h0km, m36, e=130/55, Finland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SUF Sumiainen, SUF Kangasniemi, SUF Keuruu, etc.

IDC 15 12:11:41.4; 0.8, 44; 78N; 44.89E, h0km, mb3.5/5, mb1.3, 6/8, mb1mx3.4/42, mbmp3.6/8, ML3.6/3, MS3.6/1, Ms1.3, 6/1, ms1mx2.4/42, Error ellipse: s-maj=27.7km

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Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GOF Gofitskoye, TRKR Terekaya, ALER Alexandrovskoy, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ERBR Yereimino-Bor, SGKR Sergokala, LGD Lagodekhi, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, MTN Mantion Dam, and various other locations.

ASRS 15 12:28:32.1.0.2.52'N.1.95'E.0.3. h5km, ML3.6/12, smi:org.gfg-potsdam.de/geofon/LOCSAT earthModelID

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TDJR Todzha, KZLR Kyzyl, and various other locations.

IDC 15 12:33:52.8.2.0.60.43N.149.95W, h74km, mb3.3/3, mb1 3.5/6, mb1mx3.2/39, mbtpm3.6/6, MS2.7/1, ms1 2.8/1, ms1mx2.6/25, Error ellipse: s-maj=51.5km s-min=17.2km az=122.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NEIC 15 12:33:53.0.1.4.60.63N.0.03:150.25W, 0.07, h49km, 7km, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WAT6 Susitna Watana, WAT7 Susitna Watana, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KIAG Kiagna River, BALM Baldy, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NOU 15 12:50:33.0.2.1.58S.170.50E, h141km, mb4.6, Southeast of Loyalty Islands, and various other locations.

15d 14h

Table with columns for station code, name, frequency, and other details. Includes stations like PMBI Palembang, KRJI Kerinci, JMBI Jambi, etc.

2015 JAN

Table with columns for station code, name, frequency, and other details. Includes stations like CM36 Chiang Mai Arr, CM32 Chiang Mai, CM37 Chiang Mai, etc.

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Table with columns for station code, name, frequency, and other details. Includes stations like LZH comp=Z,320nm,12.5s, COEN Coen, BBOO Boodlebo, etc.

15d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like APA, VSU, MDVR, KWP, BZS, UZH, SIRR, KOLS, KOLS, PABE, SUW, FINES, CRVS, PLCA, O2OA, WJAZ, D61A, LATQ, VASO, ECSD, CNLB, D56A, E61A, E56A, ITAB, SPIN, CPUP, N58A, WMOI, N57A, SSPA, ACSD, O0M, O53A, TUL1, O59A, O56A, O56A, O49A, O57A, W35A, P49A, BDFB, BDFB, O58A, FVM, FVM, MVL, MGMO, P52A, TXAR, TXAR, P60A, MCWV, ABTX, P59A, P56A, U40A, P57A, P58A, WCI, WCI, Q56A, Q53A, Q57A, Q58A, R56A, R55A, R54A, R57A, R58A, W41B, MIAR, JCT, S54A, WHTX, R58B, X40A, S57A, S56A, WVT, WVT, WVT, S55A, 435B, T56A, X43A, TZTN, NVAR.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR, CWC, MPMC, R11A, ULM, ULM, GSC, PDAR, PDAR, MDND, GMRC, K22A, RSSD, PLCA, PLCA, O2OA, WJAZ, D61A, LATQ, VASO, ECSD, CNLB, D56A, E61A, E56A, ITAB, SPIN, CPUP, N58A, WMOI, N57A, SSPA, ACSD, O0M, O53A, TUL1, O59A, O56A, O56A, O49A, O57A, W35A, P49A, BDFB, BDFB, O58A, FVM, FVM, MVL, MGMO, P52A, TXAR, TXAR, P60A, MCWV, ABTX, P59A, P56A, U40A, P57A, P58A, WCI, WCI, Q56A, Q53A, Q57A, Q58A, R56A, R55A, R54A, R57A, R58A, W41B, MIAR, JCT, S54A, WHTX, R58B, X40A, S57A, S56A, WVT, WVT, WVT, S55A, 435B, T56A, X43A, TZTN, NVAR.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like T57A, T59A, T58A, U54A, Z41A, OXF, U57A, U56A, 833A, U58A, U59A, V57A, V56A, V58A, V61A, V59A, V60A, KMSC, W56A, W57A, W58A, W60A, X56A, X59A, X60A, LRAL, GOGA, Z57A, Z58A, MCPB, CZSB.

IDC 15 14:04:13.0.999.0,50'32N,163'46E, h0km, Error ellipse: s-maj=1082.0km s-min=116.7km az=89.0, Western

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like I31KZ, I46RU, I34MN.

IDC 15 14:11:01.9.1.2.55'13N,163'98E, h0km, mb3.2/4, mb1 3.5/5, mb1mx3.2/61, mbtm3.2/5, ML2.3/1, MS4.0/1, M-1 4.0/1, m-1mx2.7/26, Error ellipse: s-maj=71.6km s-min=20.1km az=145.0

KRSC 15 14:11:03.0.2.0.8.55'05N,163'94E, h46km, 27km, ML3.8, ISC 15 14:11:04.9.2.6.55'12N,163'96E, h0.05, h20km, 8km, n35, e097/43, mb3.1/4, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like BKI, BKR, KBTR, KBG, SMKR, SMKR, TUMD, KZV, KZV, BDR, TUMR, SRKR, SRKR, KMNR, KMNR, KRSR, KLY, KLY, SRDR, SPN, ESO, NLC, NLC, KREK, UGLR, KRX, AVH, KOK, DALX, DALX, PET, PET, GNL, KRMR, KRMR, PETK, RUS, RUS, MTRV, GRL, USRK, ILAR, YKA, ARU, ASAR, TOZ.

NOU 15 14:28:39.6, 37'30S, 176'35E, h228km, MLV3.5, North Island, New Zealand

WEL 15 14:28:44.1, 38'3.3, 176.1E, h200km, 6km, M2.8/78, MLV2.8/78, Error ellipse: s-maj=0.0km s-min=0.0km az=66.3, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like KARZ, GRRZ, GRRZ, RRRZ, RRRZ, WPRZ, PRRZ, KUTZ, ALBZ, MARZ, OPRZ, TLZ, MUGZ, WATZ, TOZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MRHZ, HATZ, URZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BNS, LDG, BGR, BUG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JYS, MJAR, MAT, etc.

IDC 15 14:32:08.2±2.3, 1.40S, 136.97E, h49km, 28km, mb3.3/5, mb1 3.6/9, mb1mx3.4/40, mbtmp3.7/9, ML2.8/4, MS2.9/1, Ms1 2.9/1, ms1mx2.4/16, Error ellipse: s-maj=24.1km s-min=18.3km az=25.0

IDC 15 14:42:44.7±1.4, 20.46S, 67.12W, h193km, 20km, mb3.2/3, mb1 3.3/5, mb1mx3.2/22, mbtmp3.6/5, Error ellipse: s-maj=40.1km s-min=20.5km az=149.0

IASPEI 15 15:18:12.0±0.8, 47.35N, 0.02±11.52E, 0.02, h10km, 5km, Error ellipse: s-maj=3.8km s-min=2.6km az=26.6, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria: Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>b>80</i>, 465-472, 2009

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JAY, SIJI, PMG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PB08, PB09, etc.

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

IDC 15 14:37:31.0±0.4, 47.36N, 11.51E, h10km, m0.0/3, Error ellipse: s-maj=5.9km s-min=1.4km az=28.0, Baltic States-Belarus-Northwestern Russia

JMA 15 15:07:17.4, 38.53N, 141.72E, h54km, 1km, M3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 N

IASPEI 15 15:18:12.0±0.8, 47.35N, 0.02±11.52E, 0.02, h10km, 5km, Error ellipse: s-maj=3.8km s-min=2.6km az=26.6, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria: Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>b>80</i>, 465-472, 2009

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like I43RU, I26DE, etc.

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

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

VIE 15 14:37:31.0±0.4, 47.36N, 11.51E, h10km, m0.0/3, Error ellipse: s-maj=5.9km s-min=1.4km az=28.0, 9 km N of Hall in Tirol, Austria

IDC 15 15:07:17.4, 38.53N, 141.72E, h54km, 1km, M3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 N

IASPEI 15 15:18:12.0±0.8, 47.35N, 0.02±11.52E, 0.02, h10km, 5km, Error ellipse: s-maj=3.8km s-min=2.6km az=26.6, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria: Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>b>80</i>, 465-472, 2009

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBK Obir, OBKA Grafenberg Arr, BFO Black Forest, etc.

IDC 15:42:59.6:1.0, 8.64s:81.17W, h0km, mb4.0/11, mb1 4.3/13, mb1mx2.2/31, mbtmp4.1/13, ML4.1/22, MS3.3/3, Ms1 3.2/3, ms1mx2.9/20, Error ellipse: s-maj=35.5km s-min=18.1km az=34.0

NEIC 15:43:04.8:2.1, 8.60s:0:08:80.93W:0:09, h34km,2km, mb4.5/32, Error ellipse: s-maj=14.0km s-min=9.7km az=57.0

VAO 15:43:09.0:0.7, 8.27S:80.30W, h10km, mb4.4

ISC 15:43:04.5:3.1, 8.60s:0:07:81.00W:0:08, h28km,22km, n76.1, f177/78, mb4.5/20, Off coast of northern Peru

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including ATAH, NNA, ROSC, SDV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INK, GLI, MDM, ASAR, etc.

MOS 15:44:50.9:1.0, 4.378N:147.38E, h55km, mb4.3/11, Error ellipse: s-maj=8.0km s-min=6.8km az=47.4

MOS Felt (IV) at Malokuril'skoye. SKHL 15:44:52.6:0.3, 4.378N:147.35E, h66km,1km, mb4.8/16

SKHL Felt (II-III) at Malokuril'skoye. JMA 15:44:52.1:0.2, 4.374N:147.26E, h29km, M4.4

NIED 15:44:52.2:43.74N:147.26E, h29km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:-0.14; Mw:0.53; Ms:-0.40; Mo:0.26; Mx:-0.69; My:-1.61; Fault plane solution: Mo1.83000x10^15 Np2:79.00000; s3:246.00000; s8:800.00000; A:-63.00000; NP2:79.00000; s3:246.00000; A:-176.00000

NEIC 15:44:54.2:2.3, 4.378N:0:09:147.32E:0:10, h70km,7km, mb4.8/52, Error ellipse: s-maj=13.3km s-min=10.4km az=184.0

IDC 15:44:54.8:2.2, 4.3796N:147.23E, h74km,19km, mb3.6/15, mb1 3.9/22, mb1mx3.7/49, mbtmp4.0/22, MS3.1/9, Ms1 3.1/9, ms1mx3.0/32, Error ellipse: s-maj=21.6km s-min=12.2km az=156.0

ISC 15:44:51.7:1.0, 4.381N:0:05:147.36E:0:05, h47km,9km, n192.1, f132/206, mb4.5/18, 6C-10D, Kuril Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including YUZ, YUK, GRPR, NEM, NMR, GLVR, KUR, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including ERM, JEW, YSS, etc.

WRH	Wood River Hill	40.84	37	P	P	15 52 28.8	+0.5
SML	Sawmill	40.88	41	P	P	15 52 29.8	+1.0
SML	comp=Z,33nm,0.9s			I	Amb	15 52 30.8	
COLA	College	40.94	36	J	P	15 52 30.2	+1.2
COLA	comp=Z,14nm,1.1s				pmax		
CCB	Clear Creek Bu	40.96	36	P	P	15 52 29.8	+0.5
CCB	comp=Z,13nm,1.6s			I	Amb	15 52 54.9	
POKR	Poker Plat Res	41.11	36	P	P	15 52 31.9	+1.4
POKR	comp=Z,16nm,1.1s			I	Amb	15 52 32.7	
HDA	Harding Lake	41.34	37	P	P	15 52 32.7	+0.3
SCM	Sheep Creek Mo	41.35	41	P	P	15 52 33.6	+1.0
SCM	comp=Z,74nm,1.5s				pmax		
SCM	Sheep Creek Mo	41.35	41	P	P	15 52 33.6	+1.0
IL3R	Eielson Array	41.35	36	P	P	15 52 33.2	+0.8
ILAR	Eielson Array	41.35	36	P	P	15 52 32.8	+0.2
ILAR	comp=Z,4.0nm,1.0s,baz=260,slow=7.2,SNR=17						
ILAR	Eielson Array	41.35	36	P	P	15 52 33.0	+0.5
ILAR	Eielson Array	41.35	36	P	P	15 52 33.0	+0.5
IL18	Eielson Array	41.40	36	P	P	15 52 33.4	+0.5
M2K	Tolsona, Glenn	41.86	40	P	P	15 52 38.3	+1.4
PRP	Porcune Dome	41.89	35	P	P	15 52 37.3	+0.2
FYU	Fort Yukon	41.97	34	P	P	15 52 39.0	+1.5
FYU	comp=Z,9.4nm,1.0s			I	Amb	15 52 39.1	
KLU	Klutina	42.05	41	P	P	15 52 39.1	+0.7
KLU	comp=Z,63nm,1.7s			I	Amb	15 52 58.6	
EYAK	Cordova Ski Ar	42.26	43	P	P	15 52 41.0	+1.0
DOT	Dot Lake	42.66	38	P	P	15 52 42.9	+0.4
DOT	comp=Z,16nm,1.6s			I	Amb	15 53 06.5	
MCARA	McCarthy VSAT	43.45	41	P	P	15 52 52.1	+2.5
K27K	Chicken	43.49	37	P	P	15 52 51.0	+1.0
K27K	comp=Z,11nm,0.9s			I	Amb	15 52 51.9	
TGL	Tana Glacier	43.65	42	P	P	15 52 52.6	+1.2
EGAK	Eagle	43.80	36	P	P	15 52 52.8	+0.5
EGAK	comp=Z,19nm,1.6s			I	Amb	15 53 11.1	
BALM	Baldy	43.83	41	P	P	15 52 53.9	+1.1
BALM	comp=Z,28nm,1.2s			I	Amb	15 53 30.5	
BARN	Barnard Glacie	44.15	41	P	P	15 52 57.1	+1.6
BARN	comp=Z,38nm,1.6s			I	Amb	15 53 04.1	
CTGM	Chitina Glacie	44.33	41	P	P	15 52 58.1	+1.2
CTGM	comp=Z,32nm,1.3s			I	Amb	15 53 34.8	
TABL	Table Mountain	44.52	42	P	P	15 52 59.0	+0.5
DAWY	Dawson	44.66	37	P	P	15 53 00.1	+0.8
DAWY	comp=Z,12nm,1.6s			I	Amb	15 53 25.1	
MK31	Makanchi Array	44.69	298	P	P	15 52 59.0	-0.8
MK31	comp=Z,2.0nm,1.4s				pmax		
MK31	Makanchi Array	44.69	298	P	P	15 52 59.0	-0.8
MKAR	Makanchi Array	44.69	298	P	P	15 52 59.0	-0.8
MKAR	comp=Z,0.2nm,0.2s,baz=66,slow=2.8,SNR=10						
MAKZ	Makanchi	44.89	298	P	P	15 52 59.0	-0.8
MAKZ	comp=Z,4.0nm,1.5s				pmax		
MAKZ	Makanchi	44.89	298	P	P	15 53 01.1	-0.2
KURK	Kurchatov	45.62	304	eP	P	15 53 08.4	+1.4
KURK	comp=Z,3.0nm,1.7s				pmax		
KURK	Kurchatov	45.62	304	eP	P	15 53 08.4	+1.4
HYT	Haines Junctio	46.18	41	P	P	15 53 13.8	+2.3
HYT	comp=Z,16nm,1.0s			I	Amb	15 53 15.0	
INK	Inuvik	46.27	30	P	P	15 53 11.8	-0.1
INK	comp=Z,1.7nm,0.3s,baz=306,slow=12,SNR=7.8						
INK	Inuvik	46.27	30	P	P	15 53 12.2	+0.3
INK	comp=Z,5.0nm,1.4s				pmax		
INK	Inuvik	46.27	30	P	P	15 53 12.2	+0.3
CMAR	Chiang Mai Arr	47.69	254	P	P	15 53 23.9	+0.3
CMAR	comp=Z,0.5nm,0.3s,baz=45,slow=7.2,SNR=6.1				LR		
CMAR	Chiang Mai Arr	47.69	254	P	P	15 53 23.9	+0.3
CMAR	comp=Z,25nm,18.0s,baz=114,slow=38						
EUNU	Eureka	52.77	10	P	P	15 54 00.2	-1.2
YKA	Yellowknife Ar	55.67	34	P	P	15 54 22.9	+0.4
YKA	comp=Z,1.4nm,0.7s,baz=301,slow=6.3,SNR=23						
YKA	Yellowknife Ar	55.67	34	P	P	15 54 23.1	+0.6
YKA	comp=Z,1.0nm,0.7s				pmax		
AB06	Akbulak array	57.13	309	P	P	15 54 32.3	-0.8
AB05	Akbulak array	57.13	309	P	P	15 54 32.4	-0.8
AB02	Akbulak array	57.14	309	P	P	15 54 32.8	-0.5
ABKAR	Akbulak array	57.14	309	P	P	15 54 32.5	-0.7
SUMG	Summit	63.84	2	P	P	15 55 18.4	-0.7
SUMG	comp=Z,4.0nm,1.0s				pmax		
SUMG	Summit	63.84	2	P	P	15 55 18.4	-0.7
FIAT1	FINESS Array S	64.89	333	P	P	15 55 26.5	+1.0
FIAT1	comp=Z,1.5nm,0.7s,baz=24,slow=7.6,SNR=1.7				I		
FINES	FINESS Array B	64.89	333	P	P	15 55 23.5	-2.1
FINES	comp=Z,1.7nm,0.7s,baz=24,slow=7.6,SNR=1.7						
FINES	FINESS Array B	64.89	333	P	P	15 55 25.9	+0.3
FINES	FINESS Array B	64.89	333	P	P	15 55 25.9	+0.3
BOZ	Bozeman (W)	66.79	49	P	P	15 55 39.4	+1.1
BOZ	comp=Z,4.0nm,0.8s				pmax		
BOZ	Bozeman (W)	66.79	49	P	P	15 55 39.4	+1.1
LHV	Little Huntton	67.41	58	P	P	15 55 43.0	+0.9
LHV	comp=Z,16nm,1.6s			I	Amb	15 55 45.4	
NVAR	Mina Array Be	67.42	58	P	P	15 55 43.0	+0.6
NVAR	comp=Z,1.5nm,0.7s,baz=302,slow=7.4,SNR=13						
YHB	Horse Butte	67.59	49	P	P	15 55 44.7	+1.4
ASAR	Alice Springs	68.27	193	P	P	15 55 48.0	+0.4
ASAR	comp=Z,0.5nm,0.9s,baz=8.1,slow=7.1,SNR=4.3						
ASAR	Alice Springs	68.27	193	P	P	15 55 48.0	+0.4
EIDS	Eidsvold	68.92	176	P	P	15 55 51.0	-0.5
EIDS	comp=Z,28nm,1.6s			I	Amb	15 56 09.6	
NOA	NORSAR Array B	69.60	339	P	P	15 55 53.4	-2.0
NOA	comp=Z,1.2nm,1.0s,baz=41,slow=4.1,SNR=2.0				LR		
NOA	NORSAR Array B	69.60	339	P	P	15 55 53.4	-2.0
PDAR	Pinedale Array	69.76	50	P	P	15 55 57.0	+0.1
PDAR	comp=Z,1.2nm,0.8s,baz=302,slow=3.6,SNR=7.7						
PDAR	Pinedale Array	69.76	50	P	P	15 55 57.6	+0.6
NC602	NORSAR Array S	69.77	339	P	P	15 55 57.8	+1.4
KBZ	Khabaz	69.87	312	P	P	15 55 57.4	0.0
KBZ	comp=Z,1.4nm,0.8s,baz=58,slow=18,SNR=3.7						
AKASG	Malin Array Be	71.62	324	P	P	15 56 06.0	-1.9
AKASG	comp=Z,0.2nm,0.3s,baz=326,slow=6.0,SNR=2.2						
AKASG	Malin Array Be	71.62	324	P	P	15 56 06.0	-1.9
AKASG	comp=Z,1.0nm,1.1s				pmax		
BRTR	Keskin Array B	77.61	314	P	P	15 56 42.7	-0.3
BRTR	comp=Z,0.5nm,0.8s,baz=100,slow=7.5,SNR=2.5						
TXAR	Lajitas Array	82.49	56	P	P	15 57 10.2	+0.8
TXAR	comp=Z,1.5nm,0.9s,baz=305,slow=3.2,SNR=8.6						
TXAR	Lajitas Array	82.49	56	P	P	15 57 10.9	0.0
H03N2	Juan Fernandez	142.81	90	T	T	18 43 25.2	
H03N3	Juan Fernandez	142.83	90	T	T	18 43 26.1	
H03N1	Juan Fernandez	142.83	90	T	T	18 43 26.3	

TWD	baz=356	S	Sb	15 48 21.8	+0.8		
NACB	Ninganchiao	0.33	2	P	Pb	15 48 18.7	+0.3
NACB	baz=354	S	Sb	15 48 24.0	+0.6		
ETLH	Xiulin Townshi	0.37	346	P	Pb	15 48 19.3	+0.2
ETLH	baz=347	S	Sb	15 48 25.0	+0.3		
HGSD	Ruisui	0.38	202	P	Pb	15 48 19.5	+0.4
HGSD	baz=210	eS	Sb	15 48 26.0	+1.4		
EHY	Hungye	0.41	215	P	Pb	15 48 20.1	+0.4
EHY	baz=219	iS	Sb	15 48 25.4	-0.1		
WHF	Hehuan Shan	0.42	316	iP	Pb	15 48 19.7	-0.3
WHF	baz=317	iS	Sb	15 48 26.3	+0.1		
CHGB	Renai	0.43	300	P	Pb	15 48 20.3	+0.2
CHGB	baz=307	S	Sb	15 48 26.9	+0.6		
FUSS	Fushou	0.51	323	P	Pb	15 48 21.4	-0.1
FUSS	baz=322	S	Sb	15 48 28.9	+0.3		
YULB	Yu-Ii	0.52	210	P	Pb	15 48 20.8	-0.7
YULB	baz=219	S	Sb	15 48 28.8	+0.2		
EYUL	Yuli	0.55	206	eP	Pb	15 48 21.3	-0.7
YULB	Renai	0.55	208	eS	Sb	15 48 30.5	+0.9
YULB	Yuli	0.55	208	eP	Pb	15 48 22.6	+0.1
SSLB	Suanguang	0.58	265	P	Pb	15 48 30.7	+0.4
SSLB	baz=265	eS	Sb	15 48 32.5	-0.7		
ENA	Nanau	0.60	14	P	Pb	15 48 23.2	+0.2
ENA	baz=9.0	eS	Sb	15 48 23.1	-0.1		
NNSB	Datong	0.61	343	P	Pb	15 48 31.4	0.0
NNSB	baz=343	S	Sb	15 48 23.0	-0.1		
NNSH	Datong	0.61	343	iP	Pb	15 48 31.2	-0.2
NNSH	baz=342	iS	Sb	15 48 23.2	-0.2		
NNS	Nan Shan	0.62	342	iP	Pb	15 48 31.8	0.0
NNS	baz=343	iS	Sb	15 48 23.4	0.0		
SMLT	Sun Moon Lake	0.62	274	P	Pb	15 48 32.5	+0.8
SMLT	baz=274	S	Sb	15 48 23.7	+0.3		
DPDB	Guoxing	0.63	288	eP	Pb	15 48 24.1	+0.2
DPDB	baz=288	eP	Pb	15 48 25.5	-0.5		
TYC	Yuchr	0.67	275	eP	Pb	15 48 25.7	+0.1
WHP	Taichung City	0.72	307	P	Pn	15 48 25.7	+0.1
WHP	baz=307	eS	Sb	15 48 36.0	+0.5		
NDT	Datong Townshi	0.76	355	eP	Pb	15 48 27.6	0.0
NDT	baz=356	eS	Sb	15 48 28.4	+0.5		
YHNB	Yeheng	0.84	347	eP	Pb	15 48 28.4	+0.5
YHNB	baz=348	eP	Pb	15 48 41.0	+1.2		
CHNS	Tsauling	0.86	254	eP	Pn	15 48 41.0	+1.2
CHNS	baz=243	S	Sn				

JMA 15:48:53.8-0.1,24:42N:123:65E,h10km±1km,M0.9

Southwestern Ryukyuu Islands

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res	
				Op	h m s	ISC	
IRIF	Iriomote-Funau	0.11	139	P	Pg	15 48 56.5	-0.1
IRIF				S	Sg	15 48 58.5	0.0
JKRS	Kuro-shima	0.38	119	P	Pg	15 49 01.3	+0.1
JKRS				S	Sg	15 49 07.0	+0.8
HATJ	Hateruma jima	0.39	159	S	Pg	15 49 01.4	-0.1
HATJ				eS	Sg	15 49 06.5	-0.1
JJJ	Ishigaki jima	0.45	97	P	Pg	15 49 02.5	-0.2
JJJ				S	Sg	15 49 08.8	+0.1
JJSG	Ishigakijimahi	0.62	74	P	Pg	15 49 06.1	+0.2
JTJ	Tarama	0.98	77	P	Pg	15 49 12.5	-0.2
JTJ				S	Sb	15 49 26.3	+0.3

JMA 15:55:19.3-0.1,23:73N:121:74E,h37km±3km,M2.6

TAP 15:55:20.2,23:76N:121:72E,h42km,ML3.2,B

ISC 15:55:20.6±1.0,23:75N:0:02:121:75E:0:02,h33km±6km,n105,±1900/192,Taiwan

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res	
				Op	h m s	ISC	
HWA	Hwalien	0.26	330	iP	Pb	15 55 28.0	-0.2
HWA				S	Sb	15 55 34.2	+1.5
ESL	Shilin</						

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like WTP, NMLH, WDJ, CHN2, TIPB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like JMKV, JOM, JOM, Nango, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like CO03, CO03, CO03, etc.

Station information and coordinates for stations like OFUJ, MIJY, JISG, etc.

Station information and coordinates for stations like TCA, ZON, ZON, etc.

Station information and coordinates for stations like SDV, PMSA, PMSA, etc.

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

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

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

IDC 15 17:28:50.2, 2.9, 38.02N; 144.22E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.3/25, mbtmp3.4/4, ML2.5/1, MS2.5/1, Ms1 2.5/1, ms1mx2.3/28, Error ellipse: s-maj=75.1km s-min=32.5km az=59.0

HEL 15 18:01:11.3, 0.2, 67.16N; 19.73E, h0km, ML2.5, Explosion Az=180.1; 18.9, 0.2, 67.07N; 19.91E, h0km, ML2.0, Explosion NAO 15 18:01:19.9, 0.1, 67.06N; 21.19E, ML2.6

IDC 15 18:27:16.5, 10.0, 22.28S; 76.86W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/23, mbtmp3.7/2, Error ellipse: s-maj=488.8km s-min=75.9km az=72.0, Off coast of northern Chile

695				2015 JAN				15d 18h													
WHF	Hehuan Shan	0.46 313	iP	Pb	18 33 22.7	-0.5	LIOB	Emei	0.99 325	iP	Pn	18 33 32.2	-0.1	WMLT	baz=267	eS	Sb	18 33 56.2	+3.0		
WHF	baz=316		iS	Sb	18 33 28.8	-0.9	LIOB	baz=320		eS	Sn	18 33 46.6	+1.0	WSF	Szhu		1.31 262	P	Pb	18 33 37.3	-0.1
CHGB	Renai	0.48 299	iP	Pb	18 33 23.2	-0.2	NSY	baz=320	0.99 306	iP	Pn	18 33 32.7	+0.5	WSF	baz=259	eS	Sb	18 33 54.8	+1.1		
CHGB	baz=306		S	Sb	18 33 30.3	+0.3	NSY	Sanyi		S	Sn	18 33 46.1	+0.5	YM01	YM01		1.31 358	eP	Pn	18 33 36.5	-0.3
YULB	Yu-ii	0.53 215	iP	Pb	18 33 23.5	-0.8	WGK	Gukeng	0.99 262	iP	Pn	18 33 32.2	-0.1	YM01	baz=358	eS	Sb	18 33 53.1	-0.6		
YULB	baz=210		eS	Sb	18 33 30.4	-1.2	WGK	baz=259		eS	Sn	18 33 46.1	+0.4	TNOU	National Taiwa		1.32 6	eP	Pn	18 33 37.4	-0.2
FUSS	Fushou	0.55 320	iP	Pb	18 33 24.4	-0.3	WDLH	Douliu	1.01 262	eP	Pn	18 33 32.9	+0.3	TNOU	baz=7.0	eS	Sb	18 33 53.9	-0.2		
FUSS	baz=322		eS	Sb	18 33 32.0	-0.2	WDLH	baz=260		eS	Sn	18 33 47.2	+1.0	YM04	YM04		1.32 356	P	Pn	18 33 36.3	-0.6
EYUL	Yuli	0.56 211	eP	Pb	18 33 24.4	-0.4	WCHH	Zhanghua	1.01 284	P	Pn	18 33 32.9	+0.3	YM04	baz=357	eS	Sn	18 33 52.0	-1.9		
EYUL	baz=219		eS	Sb	18 33 33.5	+1.0	WCHH	baz=283		eS	Sn	18 33 47.1	+0.9	YM10	YM10		1.32 357	P	Pn	18 33 36.5	-0.4
TWF1	Yuli	0.57 213	iP	Pb	18 33 24.1	-0.8	LONT	Longtian	1.03 207	eP	Pb	18 33 31.0	-1.8	YM10	baz=358	eS	Sn	18 33 53.7	-0.2		
TWF1	baz=218		eS	Sb	18 33 33.2	+0.5	LONT	baz=204		eS	Sn	18 33 46.6	-0.1	ICHU	baz=358		1.33 250	P	Pb	18 33 37.9	+0.1
TWT	Tachien	0.59 315	iP	Pb	18 33 25.3	-0.2	NTC	Toucheng	1.03 10	eP	Pn	18 33 33.7	+0.8	ICHU	Yijhu		1.33 357	iP	Sb	18 33 56.1	+1.8
TWT	baz=308		eS	Sb	18 33 33.6	+0.1	NTC	baz=359		eS	Sn	18 33 48.0	+1.2	YM05	YM05		1.33 357	eP	Pn	18 33 36.6	-0.5
ENA	Nanau	0.60 10	iP	Pb	18 33 25.5	0.0	NMLH	Miaoili	1.04 313	eP	Pn	18 33 33.4	+0.4	YM05	baz=358	eS	Sn	18 33 54.2	0.0		
ENA	baz=9.0		eS	Sb	18 33 34.5	+0.8	NMLH	baz=312		eS	Sn	18 33 46.8	-0.1	YM11	YM11		1.33 358	eP	Pn	18 33 36.9	-0.2
TDCB	Techi	0.60 314	iP	Pb	18 33 25.3	-0.3	WDJ	Dajia District	1.04 300	iP	Pn	18 33 33.4	+0.4	NTST	Danshui		1.34 353	P	Pn	18 33 36.9	-0.2
TDCB	baz=311		eS	Sb	18 33 32.9	-1.0	WDJ	baz=299		eS	Sn	18 33 48.2	+1.2	NTST	baz=7.0	eS	Sb	18 33 55.9	+1.2		
SSLB	Suanglung	0.62 266	iP	Pb	18 33 25.2	-0.7	STYT	Tauyuan	1.04 231	iP	Pn	18 33 32.6	-0.4	YM03	YM03		1.34 356	eP	Pn	18 33 36.8	-0.5
SSLB	baz=284		S	Sb	18 33 32.7	-1.5	STYT	baz=220		eS	Sb	18 33 46.2	0.0	JYNG	Yonagunijimaku		1.35 63	P	Pn	18 33 37.4	+0.2
ENAH	Nanao	0.64 15	eP	Pb	18 33 26.4	+0.2	CHN4	Tsushan	1.07 244	P	Pb	18 33 33.8	+0.4	JYNG	baz=358	eS	Sn	18 33 54.4	-0.1		
ENAH	baz=22		eS	Sn	18 33 36.8	-0.2	CHN4	baz=232		eS	Sn	18 33 48.2	+0.6	YM08	ANP		1.35 358	P	Pn	18 33 36.4	+0.9
NNSB	Datong	0.64 339	iP	Pb	18 33 25.8	-0.4	HSN1	Hsinchu	1.10 329	eP	Pb	18 33 35.0	+1.1	ANP	baz=358	eS	Pb	18 33 38.3	0.0		
NNSB	baz=343		S	Sb	18 33 33.9	-0.9	HSN1	baz=337		eS	Sn	18 33 49.4	+1.1	ECL	Taimali		1.38 207	P	Pn	18 33 37.1	-0.5
NNSH	Datong	0.64 339	iP	Pb	18 33 25.9	-0.3	WTP	Ta-pu	1.10 238	P	Pb	18 33 34.3	+0.3	ECL	baz=193	eS	Sn	18 33 52.4	-2.9		
NNSH	baz=342		eS	Sb	18 33 33.8	-0.9	WTP	baz=235		eS	Sn	18 33 48.6	+0.1	CHN3	Shinhua		1.39 237	eP	Pb	18 33 39.6	+0.8
WPL	Puli Township	0.64 286	iP	Pb	18 33 25.8	-0.4	CHN2	Minshiang	1.10 255	eP	Pb	18 33 34.2	+0.3	CHN3	baz=234	eS	Sb	18 33 59.0	+3.0		
WPL	baz=286		eS	Sb	18 33 34.5	-0.4	CHN2	baz=252		eP	Pb	18 33 49.2	+0.8	CHN8	Yiju		1.39 250	P	Pb	18 33 38.6	-0.2
NNS	Nan Shan	0.65 339	iP	Pb	18 33 26.0	-0.4	SBCB	Hsinchu	1.12 328	P	Pb	18 33 35.3	+1.0	CHN8	baz=247	S	Sb	18 33 57.3	+1.1		
NNS	baz=343		S	Sb	18 33 34.6	-0.5	SBCB	baz=312		S	Sn	18 33 50.6	+1.6	SCST	Cishan		1.41 228	P	Pb	18 33 40.0	+0.8
SMLT	Sun Moon Lake	0.67 275	iP	Pb	18 33 26.4	-0.4	TWGBT	Beinan	1.13 207	P	Pn	18 33 31.9	-2.4	SCST	baz=239	S	Sb	18 33 59.6	+3.0		
SMLT	baz=273		eS	Sb	18 33 35.0	-0.8	TWGBT	baz=205		eS	Sb	18 33 48.3	-0.4	YOJ	Yonaguni jima		1.41 63	P	Pb	18 33 36.8	-0.6
DPDB	Guoxing	0.68 287	iP	Pb	18 33 26.5	-0.3	NHHD	Xindian Distri	1.13 355	eP	Pn	18 33 34.2	0.0	YOJ	baz=65	eS	Sn	18 33 56.1	+0.2		
DPDB	baz=287		eS	Sb	18 33 34.9	-0.9	NHHD	baz=356		eS	Sb	18 33 48.2	-0.5	SSD	Sandimen		1.42 221	iP	Pn	18 33 38.2	0.0
FULB	Fuli	0.70 206	P	Pb	18 33 27.2	0.0	HSN	Hsinchu	1.14 328	eP	Pb	18 33 35.5	+0.9	SSD	baz=218	eS	Sb	18 33 57.4	+0.4		
FULB	baz=213		eS	Sn	18 33 38.5	-0.1	HSN	baz=314		eS	Sn	18 33 51.2	+1.8	TWY	Chenhua		1.44 359	P	Pb	18 33 39.4	-0.3
YUS	Yu-Shan	0.71 241	iP	Pb	18 33 27.3	-0.3	TWA	Mucha	1.15 358	P	Pn	18 33 34.4	-0.1	TWY	baz=360	eS	Sb	18 33 58.5	+0.9		
YUS	baz=238		iS	Sb	18 33 36.2	-0.9	TWA	baz=360		eS	Sn	18 33 50.7	+1.2	TSMG	Majia		1.44 219	P	Pb	18 33 40.5	+0.7
TYC	Yuch	0.71 276	iP	Pb	18 33 26.9	-0.4	TATO	Taipei	1.15 353	P	Pn	18 33 34.3	-0.1	TSMG	baz=218	eS	Sb	18 33 59.8	+2.2		
TYC	baz=282		eS	Sb	18 33 36.6	-0.1	TATO	baz=355		eS	Sn	18 33 49.4	-0.2	SCLT	Jial		1.47 244	eP	Pb	18 33 39.9	-0.4
WHYT	Xinyi Township	0.73 259	P	Pb	18 33 27.3	-0.3	WTK	Tuku	1.15 263	P	Pb	18 33 35.0	+0.3	SCLT	baz=241	eS	Sb	18 33 59.8	+1.3		
WHYT	baz=253		iS	Sb	18 33 36.7	-0.4	WTK	baz=261		eS	Sn	18 33 50.8	+1.3	TWM1	Shoushan		1.50 228	eP	Pb	18 33 41.7	+1.0
WHP	Taichung City	0.77 305	iP	Pb	18 33 28.1	-0.2	TIPB	Shuangxi	1.15 9	P	Pn	18 33 34.2	-0.3	SGLT	Jiouru		1.52 224	eP	Pb	18 33 42.9	+1.8
WHP	baz=306		eS	Sb	18 33 38.0	-0.4	TIPB	baz=359		eS	Sb	18 33 48.3	-1.0	SGLT	baz=210	eS	Sb	18 34 04.1	+4.2		
CHKT	Chengkung	0.77 199	P	Pb	18 33 28.3	0.0	CHY	Chiayi	1.16 254	P	Pb	18 33 35.1	+0.2	MASBT	Mashibuluo		1.52 217	eP	Pn	18 33 39.5	-0.1
CHKT	baz=207		eS	Sn	18 33 39.9	-0.3	CHY	baz=251		S	Sn	18 33 51.0	+1.2	MASBT	baz=217	eS	Sb	18 34 01.2	+1.2		
NDT	Datong Townshi	0.78 352	eP	Pb	18 33 28.1	-0.3	TTN	Taitung	1.16 203	eP	Pb	18 33 35.9	+0.9	TSPT	Pingtung City		1.55 222	eP	Pb	18 33 41.9	+0.2
NDT	baz=356		eS	Sb	18 33 38.1	-0.4	LDUT	Ludao	1.16 187	eP	Pn	18 33 33.1	-1.6	TSPT	baz=209	eS	Sb	18 34 05.1	+4.3		
TWC	Suao	0.80 14	eP	Pb	18 33 28.8	0.0	LDUT	baz=175		eS	Sn	18 33 50.6	+0.7	SNJT	Kaohsiung City		1.60 228	eP	Pb	18 33 42.1	-0.4
TWC	baz=12		eS	Sb	18 33 39.7	+0.5	RLNB	Erlin	1.17 273	P	Pb	18 33 35.1	+0.1	SNJT	baz=225	eS	Sb	18 34 06.5	+4.2		
ENTT	Nioudou	0.81 356	eP	Pb	18 33 28.7	-0.3	RLNB	baz=272		S	Sn	18 33 51.1	+1.1	EAST	Anshuo		1.61 207	eP	Pn	18 33 41.0	+0.1
ENTT	baz=360		eS	Sb	18 33 39.0	-0.4	BACT	New Taipei Cit	1.17 352	eP	Pn	18 33 34.4	-0.4	EAST	baz=196	eS	Sn	18 34 00.3	-0.8		
ALS	Alishan	0.82 247	iP	Pb	18 33 29.3	0.0	BACT	baz=6.0		eS	Sn	18 33 51.6	+1.4	TAW	Tawu		1.62 205	eP	Pn	18 33 41.3	+0.4
ALS	baz=244		eS	Sn	18 33 39.8	-0.4	TWK	Hsinying	1.19 242	eP	Pb	18 33 35.7	+0.2	SSPT	Xinbi		1.66 216	eP	Pn	18 33 42.3	+0.8
WJS	Zhushan	0.83 270	iP	Pb	18 33 29.8	-0.3	TWK	baz=239		eS	Sn	18 33 52.4	+1.7	SCZT	Fangliu		1.73 213	eP	Pn	18 33 42.8	+0.4
WJS	baz=269		S	Sn	18 33 41.7	+0.1	CHN1	Nanshi	1.20 238	eP	Pb	18 33 36.1	+0.4	SCZT	baz=213	eS	Sb	18 34 05.8	-0.1		
ELDTW	Lidau	0.85 222	P	Pb	18 33 28.4	-1.3	CHN1	baz=235		eS	Sn	18 33 51.9	+1.0	SLIU	Shizi		1.78 206	eP	Pb	18 33 45.3	-0.2
ELDTW	baz=210		eS	Sb	18 33 39.5	-1.3	NCUH	Zhongli	1.20 340	P	Pb	18 33 35.8	+0.1	LAY	Lan-yu		1.79 182	eP	Pn	18 33 41.4	-1.9
YHNB	Yeheng	0.87 344	iP	Pb	18 33 29.8	-0.2	NCUH	baz=340		eS	Sn	18 33 53.0	+2.0	PCYT	Pengchaiyu		1.83 12	eP	Pb	18 33 46.1	-0.4
YHNB	baz=347		eS	Sb	18 33 40.6	-0.6	NTY	Taoyuan	1.20 345	P	Pb	18 33 35.5	-0.2	WLCH	Liujqu		1.87 218	eP	Pb	18 33 46.9	-0.2
WNT	Mingjian	0.87 273	iP	Pn	18 33 30.5	-0.1	NTY	baz=347		eS	Sn	18 33 53.1	+2.2	TWP	Hsiaoliuchiu		1.89 219	eP	Pb	18 33 46.8	-0.5
WNT	baz=271		eS	Sn	18 33 42.5	-0.2	NCU	National Centr	1.20 340	P	Pb	18 33 36.0	+0.3	WDGT	Dungji		1.90 253	eP	Pn	18 33 44.8	0.0
WNT1	Nantou City	0.88 275	iP	Pn	18 33 30.7	0.0	NCU	baz=341		eS	Sn	18 33 52.7	+1.8	PHUB	P'eng-hu		1.92 261	eP	Pn	18 33 45.2	+0.2
WNT1	baz=273		eS	Sn	18 33 43.1	+0.3	SNST	Tainan City	1.21 240	P	Pb	18 33 35.8	+0.1	PNG	Penghu		1.92 263	eP	Pn	18 33 45.2	+0.1
NSK	Sanguang	0.88 344	iP	Pb	18 33 29.8	-0.4	SNST	baz=237		eS	Sn	18 33 52.6	+1.0	IRIF	Iriomote-Funau		1.98 75	P	Sn	18 33 46.5	+0.6
NSK	baz=346		eS	Sb	18 33 41.6	+0.1	TAP1	Taipei	1.21												

15d 18h

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like Chin-men Tao, Jianjiangzhen, Yeshan, Irabujima, Ikemajima, Miyako jima 2, Miyako jima3, Jialang, Korea Array, Chichijima, Chiang Mai Arr, Songino Array, Makanchi Array, Zalesovo Beam, WAKE ISLAND Hy, Alice Springs, Stephens Creek, Eielson Array, Inuvik, Yellowknife Arr.

15d 18h:38:45.5-1.2, 45.39N:137.09E, h346km, 14km, mb3.0/7, mb1 2.9/12, mb1mx2.8/41, mbtmp3.6/12, Error ellipse: s-maj=21.1km s-min=17.6km az=38.0

JMA 15 18:38:46.2±0.5, 45.21N:137.09E, h334km, M3.0

15d 18h:38:44.0-7.7, 45.25N:108.137-21E:0.07, h339km, n27, ±25/31, mb3.47, Primorye

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like Rebutou, Shakotan, Keihoku, Shimam, Shosan, Okushiri-Mats, Ussuriysk Arr, Asahikawa, Kamakawa 2, Kayabe, Biratori 2, Ohata, Abashiri-Toko, Churui, Kul'dur, Nemuro 2, Ichinoseki, Matushiro Arr, Korea Array, Songino Array, Zalesovo Beam, Makanchi Array, Inuvik, FINESS Array, Malin Arr, Alice Springs.

15d 18:47:20.6±0.9, 37.01N:97.74W, h0km, mb3.4/2, mb1 3.8/6, mb1mx3.6/34, mbtmp3.5/6, ML3.9/3, Error ellipse: s-maj=13.1km s-min=11.7km az=112.0

TUL 15 18:47:20.8±1.4, 36.95N:102.97E:0.02, h5km, 6km, ML3.6, mb_Lg3.5/126(NEIC), Error ellipse: s-maj=3.1km s-min=2.2km az=209.0

ANF 15 18:47:20.6±0.2, 36.95N:97.70W, h5km, ML4.4/18, Error ellipse: s-maj=3.0km s-min=2.2km az=31.9

NEIC 15 18:47:21.1±1.0, 36.94N:101.97E:0.02, h5km, 6km, Error ellipse: s-maj=3.1km s-min=0.8km az=47.0

ISC 15 18:47:20.9±0.9, 36.94N:102.97E:0.02, h9km, 6km, n168, ±18/14/168, Oklahoma

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like South Haven SW, Manchester OK, Milan North St, Anthony NE Sta, Anthony SW Sta, Harper NE Stat, Carrier, Sooner Cattle, Quoy, Liberty Lake, S. Brethren Rd, Cody Creek RV, Winter Ranch, Winter Ranch, Sooner Cattle, Bluff Creek, Westminster Rd, Oklahoma City, OKLAHOMA CITY, Franklin, Long Quarter, Long Quarter.

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Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like Leonard, Leonard, Leonard, Teemesah, Kansas State U, Kansas State U, Wichita Mount, Wichita Mount, Wichita Mount, Cedar Bluff, Cedar Bluff, Cedar Bluff, U38A, U38A, Clayton, Clayton, Hobbs, Bolivar, Bolivar, Magazine, Magazine, Perchavan, San, Perchavan, San, Amarillo, Amarillo, MIAR, MIAR, MIAR, Dawn, Dawn, Tabor, Mt. Pleasant, Mountain Grove, Maddyies Stat, Kaye Shedlock, Kaye Shedlock, Kaye Shedlock, Belgrade, Belgrade, Belgrade, Ozark Folk Cen, Basin Creek Fa, Basin Creek Fa, Basin Creek Fa, Woolly Hollow, Abilene, Hawle, Abilene, Hawle, Abilene, Hawle, Gary Mavity, V, Gary Mavity, V, Gary Mavity, V, White Oak Lake, Lake Whitney, Lake Whitney, Paris, Sventen South, Washetta, Washetta, Washetta, Muleshoe.

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Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like Muleshoe, Cathedral Cave, Cathedral Cave, Van Buren, Lake Charles, Ogallala, Ogallala, Ogallala, Richmond Creek, Richmond Creek, Richmond Creek, Trinidad, Trinidad, Trinidad, Cane Creek, Cane Creek, Nacogdoches, Nacogdoches, Poplar Bluff, Poplar Bluff, Harrisburg, Harrisburg, Marvel, Marvel, State Creek, State Creek, Lepanto, Lepanto, Saint Louis, Saint Louis, Jarrell, Jarrell, Jarrell, Gosnell, Gosnell, Pemiscott Bayo, Pemiscott Bayo, Divide, Divide, Great Sand Dun, Great Sand Dun, Great Sand Dun, Great Sand Dun, Great Sand Dun, Henderson Midland, Henderson Midland, Lenox, Lenox, Soes Landing, Soes Landing, Carbondale, Carbondale, Junction City, Junction City, Junction City, Junction City, Hickman, Hickman, Hickman, EROS Data Cent, EROS Data Cent, EROS Data Cent, Skaggs, Pawnee, Idaho Springs, Idaho Springs, Idaho Springs, Meyer Farm, Va, Meyer Farm, Va, Oxford, Oxford, Oxford, Adanosa, Adanosa, Paducah, Paducah, Yeager Farm, Yeager Farm, Junc Run, Junc Run, HDIL, HDIL, HDIL, Albuquerque, Albuquerque, Albuquerque, Pilot Hill, Pilot Hill, Miller, Miller, Red Feather La, Red Feather La, Red Feather La, Mansfield, Mansfield, Barren Site, Barren Site, Waverly, Waverly, Waverly, Waverly, Pickwick Lake, Pickwick Lake, Jewell Farm, Jewell Farm, Cornudas Mount, Cornudas Mount, Cornudas Mount, Black Hills, Black Hills, Newark, Newark, Rawlins, Rawlins, Lafayette, Lafayette, Casper, Casper, K22A, K22A, Hartselec, Hartselec, Bloomington, Bloomington, Wyandotte Cave, Wyandotte Cave, Cydars of Leba, Cydars of Leba.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PSZ Piszkesteto, VYHS Vyhne, and many others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, WMO Urumqi, and many others.

NEIC 15.21:05:25.0t 1.4, 43.83N:0.06:105.28W:0.07, h0km, 2km, ML3.2/50, Error ellipse: s-maj=9.6km s-min=8.3km az=351.0

IDC 15.21:05:26.7, 43.80N:105.78W, h0km, mb1 3.3/3, mb1mx3.1/47, mbtmp2.8/3, ML3.1/3, Error ellipse: s-maj=42.5km s-min=18.8km az=144.0

ISC 15.21:05:24.8-1.1, 43.83N:0.05:105.32W:0.06, h0km, n31, -19.9/32, Wyoming

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, and many others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 15.21:12:08.1, ISC 15.21:12:09.4, and many others.

16d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TWB1 Santiao Chiao, TWC Suao, NTC Toucheng, etc.

NIC 16 04:24:47.2 0.0, 36.92N, 30.38E, h104km, 2km, ML3.5/4
ISK 16 04:24:47.2 37.11N, 30.35E, h83km, ML3.3/40
DDA 16 04:24:48.1, 37.08N, 30.41E, h46km, 1km, MW3.3
IDA 16 04:24:49.0, 37.03N, 30.65E, h84km, 54km, mb3.5/3,
mb1 3.5/4, mb1mx3.1/40, mbtmp3.7/4, ML3.7/1, MS3.0/1,
Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=62.3km
s-min=42.5km az=20.0
THE 16 04:24:49.5, 36.95N, 30.12E, h0km, 6km, ML3.1/2, Error
ellipse: s-maj=16.1km s-min=1.6km az=79.0
HLW 16 04:24:50.0, 36.73N, 29.82E, h10km, 17km, Md4.0
ISC 16 04:24:47.0 0.9, 37.13N, 03.30E, 0.02, h80km, 5km,
n137, e228/168, mb3.7/3, 4C-8D, Turkey

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BUCBA Burdur, BUCAK, ANTalya, BUCAK, Kemer-ANTALYA, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ATHAL Athalassa, CSS Mathiatis, BBAL Bala, IGD Bursa, ASGA Asgata, etc.

IDC 16 04:33:13.2 0.0, 29.34N, 142.89E, h0km, mb3.8/11,
mb1 4.0/14, mb1mx3.8/39, mbtmp3.8/14, ML3.3/3, MS2.8/2,
Ms1 2.8/2, ms1mx2.5/32, Error ellipse: s-maj=25.8km
s-min=13.9km az=94.0
NEIC 16 04:33:17.4 2.1, 28.38N, 0.06, 142.8E, 0.1, h32km, 6km,
mb4.3/7, Error ellipse: s-maj=16.5km s-min=9.2km
az=97.0
ISC 16 04:33:18.2 0.0, 28.39N, 0.07, 142.8E, 0.1, h35km, n42,
e0597/411, mb4.1/16, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Cerro Verde, San Jose, Esquipulas, Matias Romero, etc.

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

MKAR Makanchi Array 7.69 210 Pn 06 29 45.5 +1.1

IDC 16 06:29:53.7, 2.6, 54:15N:86:53E, h0km, mb1 2.9/2, mbl1mx2.9/36, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=21.2km s-min=12.9km az=61.0, Southwestern Siberia

IDC 16 06:33:40.2, 2.2, 2:36N:100:90W, h0km, mb3.7/5, Msl 3.5/12, msl1mx3.3/29, mbtmp3.7/5, MS3.5/12, Msl 3.5/12, msl1mx3.3/29, Error ellipse: s-maj=207.8km s-min=28.5km az=71.0, Galapagos Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Matias Romero, JTS, LPIG, ATAH, TXAR, etc.

IDC 16 06:33:55.9, 8.2, 19:46S:175:59W, h0km, mb3.8/3, mb1 4.1/3, mbl1mx3.7/27, mbtmp3.8/3, Error ellipse: s-maj=356.1km s-min=38.9km az=143.0, Tonga Islands

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

IDC 16 07:13:15.0, 0.7, 17:92S:167:70E, h0km, mb4.4/15, mb1 4.6/16, mbl1mx4.4/25, mbtmp4.4/16, ML3.5/1, MS4.1/25, Msl 4.1/25, msl1mx4.1/33, Error ellipse: s-maj=20.7km s-min=16.9km az=122.0

IDC 16 07:13:16.4, 2.3, 17:85S:0:0, 167:62E:0:0, h0km, mb2km, mbl5.0/17, msl 20.4/32, Error ellipse: s-maj=11.9km s-min=8.0km az=95.0

IDC 16 07:13:17.9, 18:00S:167:68E, h0km, mb4.8, Vanuatu Islands

IDC 16 07:13:18.5, 0.0, 17:40S:167:62E, h10km, mb5.2/23, mb4.8/32, Msl 0.0/10, Msl 7.4/6/10

GCMT 16 07:13:22.4, 0.2, 17:88S:0:0, 167:48E:0:0, h17km, MWV, 1/107, Moment Tensor Solution. s57; c79; s107; c157; Duration: 0 Moment tensor: Scale 10^16Nm; Mn3.39e-15; Mw0.15e-09; Ms0.35e-11; Mn2.99e-36; Mw0.58e-07; Mr4.33e-34; Best double couple: M6.32e00x10^16, M3.20e00y0, S20.00000z0

Principal axes: T 6.4600, P1659.0000, Azm43.0000; N -0.2750, P12.0000, Azm154.0000; P -6.1880, P128.0000, Azm250.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

IDC 16 07:13:16.9, 0.3, 17:88S:0:0, 167:62E:0:0, h10km, n176, c1971/159, mb5.0/44, MS4.4/16, 1C-1D, Vanuatu Islands

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, PMG, PNT, KSH, KURK, KURKB, FITZ, AAK, NIL, WB0, WRAB, WRA, WB2, WR0, KK05, PSAC1, PSAC2, PSAA1, PSAA2, BVAR, KBL, KBL, BRVK, BRVK, AS31, ASAR, ASAR, SVE, ABKAR, ARU, ARU, ARU, ARU, ARU, ARU, ARU, AKTO, GEYT, STKA, KIRV, KIRV, BELG, BELG, DZM, KLMR, KLMR, RND, RND, RND, MDM, TMCR, COLA, COLA, ILAR, KBZ, KBZ, KBZ, KIV, KIV, KIV, KIV, ARCES, ARCES, RAYN, RAYN, RAYN, FINES, MNK, MNK, MNK, MNK, MNK, MNK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNK, MNK, MNK, MNK, MNK, MNK, AKASG, BR131, BR131, BR131, BR131, BRTR, BRTR, BRTR, DAG, DAG, DAG, MLR, MLR, NB201, NB2, NOA, KOLS, KOLS, ELL, ELL, UZH, UZH, OJC, OJC, YKA, YKA, VYHS, SUMG, SUMG, SUMG, CLL, CLL, GERES, ITM, ICESG, LTY, WALA, FCC, FCC, NVAR, PDAR, JMA, NIED, Mnsr Solution, NEIC, JMA, NIED, Mnsr Solution, NEIC, ISG, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JGOGS, JGOGS, JM2, JM2, JIRB, JIRB, JIKM, JIKM, JKTU, JKTU, JISG, JISG, JIJ, JIJ, JKRS, JKRS, IRIF, IRIF, HATJ, HATJ, HATJ, YOJ, YOJ, YOJ, NACB, NACB, TATO, TATO, YHNS, YHNS, YULB, YULB, SSSL, SSSL, TWG, TWG, JNU, JNU, KRSR, KRSR, MJAR, MJAR, JMM, JMM, JMM, JMM, SLVN, SLVN, USRK, USRK, JTM, JTM, GUMO, GUMO, PETK, PETK, MK31, MK31, MKAR, MKAR, MAZK, MAZK, ZALV, ZALV, KURK, KURK, KURK, KURK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB, WRA, ASAR, BVAR, ABKAR, GEYT, STKA, BELG, ILAR, KBZ, ARCES, FINES, AKASG, BRTR, NOA, YKA, GERES, NVAR, IDC, ZALV, KURBB, MKAR, NNC, SATY, SATY, ZATY, UZB, IZV, IZV, KTM5, KST, KST, MNBS, MNBS, TKM2, TKM2, TKM2, KTBS, KTBS, DGS, DGS, ARXS, ARXS, KUU, KUU, DJR, DJR, KRBS, KRBS, AAK, AAK, KAPS, KAPS, KRNET, KRNET, KDJ, KDJ, PRZ, PRZ, ANVS, ANVS, ULHL, ULHL, BOOM, BOOM, TKM2, TKM2, KBK, KBK, UCH, UCH, UCH, UCH.

Error ellipse: s-maj=8.2km s-min=3.6km az=164.0
SOME 16 07:53:26.3, 43.32N, 77.87E, h20km
ISC 16 07:53:25.6-0.9, 43.31N-0.02, 77.88E, 0.01, h15km, 7km,
m62, c086/122, 22C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like KURS Kuram, ANVS Ananyev, KOTs Kotyrbulak, etc.

Table with columns: DGS, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like ULHL Ulahol, BOOM Boomskeye usch, KRBS Karabastau, etc.

Table with columns: LANS, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like LANS Liptovska Anna, I46RU Zalesovo INFRA, ZAAO Zalesovo Array, etc.

Table with columns: Station Name, Lg, Lg, Time, Res. Includes stations like ZALV, KURBB, MKAR.

NNC 16 09:12:41.5:2.8, 53.31N:90.24E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=27.5km s-min=15.2km az=87.0, Suspected Mining explosion.

IDC 16 09:12:33.1:3.4, 53.63N:90.90E, h0km, mb1.3, 2.3/3, mb1mx3.1/57, mbtmp3.2/3, ML2.7/3, 2C-3D, Error ellipse: s-maj=33.2km s-min=24.0km az=30.0, Southwestern Siberia

Table with columns: Code, Station Name, Lg, Lg, Time, Res. Includes stations like I46RU, ZAAO, ZALV, KURKB, MK31.

ECX 16 09:14:25.8:0.8, 28.08N:112.15W, h20km, 19km, MD2.7 MEX 16 09:14:27.7:0.9, 28.01N:112.16W, h10km, MD3.8

Table with columns: Code, Station Name, Lg, Lg, Time, Res. Includes stations like SRIG, GUYB, HSIG, NZIG, CGIG.

IDC 16 09:14:23.5:2.8, 4.42S:144.66E, h68km, 28km, mb3.77, mb1.3/0.10, mb1mx3.6/40, mbtmp4.1/10, ML3.4/3, MS3.2/9, FAKI Ms1.3/2.9, ms1mx2.9/36, Error ellipse: s-maj=25.6km s-min=17.6km az=66.0

NEIC 16 09:14:24.1:1.5, 4.40S:0.06E:144.6E:0.1, h76km, 10km, mb4.2/12, Error ellipse: s-maj=19.4km s-min=2.4km az=62.0

ISC 16 09:14:26.7:0.8, 4.49S:0.08E:144.58E:0.10, h100km, n40, s155/37, mb3.9/8, Near north coast of New Guinea

Table with columns: Code, Station Name, Lg, Lg, Time, Res. Includes stations like JAY, PMG, WRO, WBA, WRA, AS31, ASAR, FITZ, STKA, STKA, DZM, MRHZ, RUGZ, BHHZ, WTHZ, BKZ, WMGZ, TSZ, KAHZ, PRHZ, SONH, MKAR, ZALV, CCB, IL31, ILAR.

comp=Z,1.8nm,0.9s,baz=253,slow=4.9,SNR=15 IL18 Eielson Array 85.09 24 P P 09 26 50.8 -0.4

IDC 16 09:15:39.3:14.0, 15.65N:90.37W, h0km, mb3.5/2, mb1.3/9.3, mb1mx3.6/26, mbtmp3.4/3, Error ellipse: s-maj=27.2km s-min=103.0km az=2.0

GCG 16 09:15:47.0:0.5, 15.92N:91.56W, h77km, 77km, MD3.9 ISC 16 09:15:50.8:1.0, 15.93N:0.10:91.5W:0.1, h35km, n7, s186/11, Mexico-Guatemala border region

Table with columns: Code, Station Name, Lg, Lg, Time, Res. Includes stations like FUG, FUG, NBG, PCG, PCG, MARMOL, TXAR, NVAR, YKA.

JMA 16 09:52:10.4:0.1, 24.42N:122.86E, h95km, 2km, M2.0 TAP 16 09:52:11.0, 24.42N:122.84E, h89km, 1km, ML3.1, C ISC 16 09:52:10.8:1.4, 24.47N:122.88E:0.05:122.88E:0.03, h93km, 8km, n67, s074/118, 2C-1D, Taiwan region

Table with columns: Code, Station Name, Lg, Lg, Time, Res. Includes stations like JYNG, YJOY, YJOY, YJOY, IRIF, HATJ, TWC, TWC, TWC, NTC, ENA, ENA, JKRS, TIPB, TIPB, TWE, TWE, JIJ, JIJ, NWF, NWF, WFSB, WFSB, ENTT, ENTT, NACB, NACB, TWD, TWD, NDT, NDT, TWA, TWA, NTL, NTL, NWLT, NWLT, ETLH, ETLH, JISG, JISG, NNSB, NNSB, NNSH, NNSH, YM01, YM01, NMS, NMS, YM05, YM05, YM10, YM10, YHNB, YHNB, YM04, YM04, YM04, YM04, NSK, NSK, ESL, ESL, FUSS, FUSS, WHF, WHF, WHF, WHF, TWT, TWT, TWT, TWT, TDCB, TDCB, TDCB, TDCB, CHGB, CHGB.

Table with columns: Station Name, Lg, Lg, Time, Res. Includes stations like HGSD, HGSD, JTJ, JTJ, LIOB, LIOB, NNST, NNST, NNST, NNST, EHY, EHY, EHY, WHP, WHP, WHP, YULB, YULB, YULB, EYUL, EYUL, EYUL, TWF1, TWF1, TWF1, SSSL, SSSL, SSSL, SSSL, SMLT, SMLT, SMLT, FULB, FULB, FULB, TYC, TYC, TYC, YUS, YUS, YUS, WJS, WJS, WJS, EDH, EDH, EDH, EDH, ALS, ALS, ALS, ELDTW, ELDTW, ELDTW, CHNS, CHNS, CHNS, CHNS, TWGB, TWGB, TWGB, TWG, TWG, TWG, STYT, STYT, STYT, CHN4, CHN4, CHN4, WTK, WTK, WTK, WTP, WTP, WTP, TWK, TWK, TWK, MASBT, MASBT, MASBT, MASBT, VVUC, VVUC, VVUC, VVUC.

BER 16 09:55:33.7:2.1, 72.58N:2.74E, h10km, ML2.2, Confirmed Earthquake IDC 16 09:55:33.6:1.1, 72.50N:4.16E, h0km, mb3.3/5, mb1.3/6.9, mb1mx3.4/46, mbtmp3.4/9, ML2.8/4, MS3.1/8, Ms1.3/1.8, ms1mx2.8/39, Error ellipse: s-maj=26.2km s-min=16.4km az=62.0

ISC 16 09:55:34.6:0.9, 72.52N:0.07E:4.17E:0.10, h10km, n41, s169/44, mb3.2/5, MS3.2/6, Norwegian Sea

Table with columns: Code, Station Name, Lg, Lg, Time, Res. Includes stations like BJO1, BJO1, N2VI, N2VI, N2VI, HSPB, HSPB, LOF, LOF, LOF, LOF, N2SV, N2SV, N2SV, N2SV, TRO, TRO, TRO, STEI, STEI, STEI, N2IH, N2IH, N2IH, FAUS, FAUS, FAUS, NBB28, NBB28, NBB28, HAMF, HAMF, HAMF, SPA0, SPA0, SPIT3, SPIT3, NBB05, NBB05, NBB30, NBB30, NBB30, NBB30, KIF, KIF, NBB17, NBB17, KBS, KBS, NBB40, NBB40, KONS, KONS, HOPEN, HOPEN, SALU, SALU, DBG, DBG, DBG, KTK1, KTK1, KTK1, MOR8, MOR8, MOR8.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOR8, DAG, ADAG, ARCES, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DRME, eSn, Sn. Includes BUC 16:10:38:46.6:0.2,45:86N:26:31E, etc.

IDC 16:10:00:13.2:1.3, 41.109S:174.33E, h48km, 12km, mb3.8/2, mb1.4/0.4, mb1mx3.6/22, mbtmp3.9/4, ML2.4/2, MS2.6/1, Ms1.2/6.1, ms1mx2.2/22, Error ellipse: s-maj=31.7km s-min=9.0km az=132.0

RPZ 7.9nm, 0.3s, baz=236, slow=4.0, SNR=4.6
RPZ Rata Peaks 3.57 222 P Pn
RPZ Rata Peaks 3.57 222 P Pn

IDC 16:10:00:15.9:1.6, 41.111S:0.06:174.40E:0.06, h76km, 2km, mb4.5/3, Error ellipse: s-maj=9.1km s-min=6.2km az=158.0

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 16:10:39:49.9:2.9, 53.72N:88.16E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 16:10:31:14.5:25.0, 18:36N:146:73E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 16:10:30:07.3:0.9, 9:66S:149:49E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RHOSSO 16:10:37:26.8:0.3, 44:05N:18:27E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNC 16:10:51:43.5:1.8, 42:73N:70:86E, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like AC02, HUMP, GPCR, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like 237A, BG3, W56A, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like W39A, W39A, LCAR, etc.

16d 11h

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SSPA Standing Stone, LUPA Lehigh Unvers, N57A Milroy, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like G61A St-Jeisdore-de-baz=191, SMCO Snowmass, G62A West of Ustis, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WVOR Wild Horse Val, MSO Missoula, F10A Beach Ranch, etc.

16d 13h

SRNB	Snider Mountain	3.70	167	Pn	Pn	13 06 24.4 +0.6
SRNB				S	S	13 07 05.5 -1.4
F64A	Sherman	3.73	197	P	Pn	13 06 25.2 +1.0
F64A	baz=16			S	S	13 07 06.6 -1.0
F64A	Sherman	3.73	197	P	Pn	13 06 25.2 +1.0
F64A	Sherman	3.73	197	P	Pn	13 06 25.4
F64A	baz=16, SNR=48			P	P	13 06 25.4
D60A	Saint Jean D'O	3.74	229	PN	Pn	13 06 25.1 +0.7
D60A				PN	S	13 07 07.3 -0.5
D60A				LG	Trac	13 07 24.0
D60A				Trac		13 07 27.8
D60A	comp=Z,354nm,0.3s					
D60A	Saint Jean D'O	3.74	229	P	Pn	13 06 24.9 +0.6
D60A	baz=46, SNR=9.3			S	S	13 07 07.2 -0.7
D60A	Saint Jean D'O	3.74	229	Pn	Pn	13 06 25.1 +0.7
D60A				PN	S	13 07 07.3 -0.5
ELNB	Elgin, New Bru	3.76	162	PN	Pn	13 06 25.1 +0.4
ELNB				SN	S	13 07 07.3 -1.1
ELNB				LG	Trac	13 07 07.5 -0.2
ELNB				Trac		13 07 30.1
ELNB	comp=Z,66nm,0.3s					
ELNB	Elgin, New Bru	3.76	162	Pn	Pn	13 06 25.1 +0.4
ELNB				SN	S	13 07 07.3 -1.1
LMN	Caledonia Moun	3.84	159	PN	Pn	13 06 25.0 +0.2
LMN				PN	S	13 07 09.3 -1.1
LMN				Trac		13 07 13.9
LMN	Caledonia Moun	3.84	159	LG	Lg	13 07 28.2
LMN				PN	Pn	13 07 09.6 -0.2
LMN				SN	S	13 07 09.3 -1.1
E61A	Lac Etchemin	3.90	221	P	Pn	13 06 27.7 +1.1
WCNB	Wards Creek	3.90	167	PN	Pn	13 06 27.3 +0.7
WCNB				SN	S	13 07 02.2 -1.6
WCNB				Trac		13 07 32.8
WCNB				Trac		13 07 34.4
WCNB	comp=Z,196nm,0.3s					
QCQ	Quebec	4.01	230	PN	Pn	13 06 28.6 +0.6
QCQ				PN	S	13 07 14.1 -0.4
QCQ				Trac		13 07 41.4
QCQ	comp=Z,192nm,0.3s					
F63A	Nahmakanta, Br	4.05	203	P	Pn	13 06 29.9 +1.2
F63A				S	S	13 07 14.0 -1.6
F63A	Nahmakanta, Br	4.05	203	Pn	Pn	13 06 30.1 +1.5
F63A	Nahmakanta, Br	4.05	203	P	Pn	13 06 29.8
F63A	baz=22, SNR=238			P	P	13 06 29.8
D59A	Saint-Raymond	4.15	236	P	Pn	13 06 31.0 +1.0
D59A	baz=52			P	Pn	13 06 32.6 +0.9
G65A	Princeton	4.28	187	P	S	13 07 19.7 -1.4
G65A	baz=6.8, SNR=7.0			S	S	
G65A	Princeton	4.28	187	Pn	Pn	13 06 32.7 +1.0
G65A	Princeton	4.28	187	P	Pn	13 06 32.4
G65A	baz=6.8, SNR=239			P	P	13 06 32.4
GGN	Saint-Georges	4.33	180	PN	Pn	13 06 33.0 +0.6
GGN				SN	S	13 07 08.2 -1.7
GGN				LG	Trac	13 07 42.4
GGN				Trac		13 07 44.4
GGN	comp=Z,111nm,0.2s					
EG0A	Saint Georges	4.33	180	Pn	Pn	13 06 33.2 +0.8
EG0A	Ste Agathe de	4.38	227	P	Pn	13 06 34.1 +0.9
EG0A	baz=44, SNR=10.0			P	Pn	13 06 34.2 +0.8
G64A	Maxfield	4.40	198	P	S	13 07 22.1 -2.0
G64A	baz=17			S	S	
F61A	St Evariste	4.48	221	P	Pn	13 06 35.9 +1.4
F61A	baz=38, SNR=10			S	S	13 07 24.6 -1.4
LATQ	La Tuque	4.48	245	S	S	13 07 24.3 -1.8
LATQ	baz=61					
LATQ	La Tuque	4.48	245	Pn	Pn	13 06 34.1 -0.4
PKME	Peaks-Kenny Pk	4.51	203	PN	Pn	13 06 36.2 +1.3
PKME				SN	S	13 07 25.4 -1.4
PKME				Trac		13 07 54.4
PKME	comp=Z,128nm,0.2s					
PKME	Peaks-Kenny Pk	4.51	203	P	Pn	13 06 36.1 +1.2
PKME	baz=21, SNR=12			S	S	13 07 25.4 -1.4
PKME	Peaks-Kenny Pk	4.51	203	Pn	Pn	13 06 36.1 +1.2
PKME	Peaks-Kenny Pk	4.51	203	P	Pn	13 06 36.0
H66A	Whiting	4.68	184	P	Pn	13 06 37.8 +0.6
H66A	baz=4.2			S	S	13 07 28.8 -2.1
D58A	Chemin du LacG	4.69	242	P	Pn	13 06 36.6 -0.8
D58A	baz=58			P	Pn	13 06 39.1 +1.1
G63A	Kingsbury	4.74	205	P	S	13 07 30.6 -1.9
G63A	baz=23, SNR=9.5			S	S	
G63A	East Machias	4.76	186	Pn	Pn	13 06 38.8 +0.4
EMMW	East Machias	4.76	186	P	Pn	13 06 39.0
EMMW	baz=5.2			S	S	13 07 32.7 -2.3
E59A	St. Maurice	4.85	234	S	S	13 06 39.9 +0.3
H65A	Eastbrook	4.85	192	P	Pn	13 06 39.9 +0.3
H65A	baz=11					
DPO	Saint Jean	4.87	238	PN	Pn	13 07 33.0 -2.6
DPO				SN	S	13 07 57.6
DPO				LG	Trac	13 08 04.5
DPO				Trac		
DPO	comp=Z,132nm,0.2s					
F60A	Warwick	4.92	227	P	Pn	13 06 40.5 0.0
F60A	baz=43, SNR=5.4			P	Pn	13 06 41.6 +0.9
G62A	West of Eustis	4.93	212	P	Pn	13 06 41.5 +0.7
G62A	baz=30, SNR=17			PN	Pn	13 06 41.5
G62A	West of Eustis	4.93	212	P	Pn	13 06 41.5
G62A	West of Eustis	4.93	212	P	Pn	13 06 41.5
G62A	baz=30, SNR=183			P	Pn	13 06 41.5
H64A	Troy	5.08	200	P	Pn	13 06 43.4 +0.6
H64A	baz=18					
G61A	St-Isidore-de-	5.26	219	P	Pn	13 06 46.3 +1.1
G61A	baz=36, SNR=16					
WVL	Waterville	5.26	203	Pn	Pn	13 06 46.0 +0.8
H63A	New Sharon	5.27	206	P	Pn	13 06 46.5 +1.1
H63A	baz=24, SNR=6.4					
STUQ	Sainte-Ursule	5.27	236	PN	Pn	13 07 43.5 -2.1
STUQ				SN	S	13 08 16.1
STUQ				LG	Trac	13 08 21.1
STUQ				Trac		
STUQ	comp=Z,113nm,0.3s					
HAL	Halifax	5.29	154	PN	Pn	13 06 46.3 +0.7
HAL				SN	S	13 07 43.6 -2.3
HAL				Trac		13 07 48.0
HAL	Halifax	5.29	154	Pn	Pn	13 06 46.3 +0.7
E58A	La Victoria	5.33	237	P	Pn	13 06 46.1 -0.1
GBN	Guysborough	5.41	136	PN	Pn	13 06 47.4 +0.2
GBN				SN	S	13 07 06.4 -2.4
GBN				Trac		13 08 17.3
GBN	Guysborough	5.41	136	Pn	Pn	13 06 46.8 -0.4
MOQ	Mont Orford	5.55	224	PN	Pn	13 06 49.8 +0.6
MOQ				SN	S	13 07 49.0 -3.5
MOQ				Trac		13 08 21.1
MOQ	comp=Z,90nm,0.3s					
MOQ	Mont Orford	5.55	224	P	Pn	13 06 50.1 +0.8
H62A	Milan	5.71	213	P	Pn	13 06 51.8 +0.4
H62A						
H62A	Milan	5.71	213	Pn	Pn	13 06 52.0 +0.6
H62A	Milan	5.71	213	P	Pn	13 06 51.7
H62A	baz=30, SNR=16			P	P	13 06 51.7
G60A	Masonville	5.75	223	P	Pn	13 06 52.6 +0.7

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D56A	ZEC Manzana, M	5.83	249	P	Pn	13 06 51.0 -2.0
D56A	baz=63					
I64A	Boothbay	5.86	200	P	Pn	13 06 54.2 +0.7
I64A	baz=18					
I63A	Otisfield	5.99	207	P	Pn	13 06 55.6 +0.4
I63A	baz=24, SNR=6.5					
I63A	Otisfield	5.99	207	P	Pn	13 06 55.6 +0.4
I63A	Otisfield	5.99	207	P	Pn	13 06 55.5
I63A	baz=24, SNR=20					
H61A	Lyndonville	6.03	217	P	Pn	13 06 56.0 +0.1
H61A	baz=34					
MNTQ	Montreal, Queb	6.08	232	PN	Pn	13 06 56.5 +0.1
MNTQ				SN	S	13 08 01.8 -3.6
MNTQ				Trac		13 08 04.6
MNTQ	comp=Z,143nm,0.3s					
MNTQ	Deer Lake	6.08	88	LG	Lg	13 08 35.9
DRLN	Deer Lake	6.08	88	PN	Pn	13 06 56.3 -0.2
DRLN				SN	S	13 08 02.5 -3.0
DRLN				LG	Trac	13 08 37.4
DRLN				Trac		13 08 39.9
DRLN	comp=Z,223nm,0.4s					
DRLN	Deer Lake	6.08	88	Pn	Pn	13 06 56.5 0.0
TRQ	Mont Tremblant	6.13	241	PN	Pn	13 06 56.9 -0.4
TRQ				SN	S	13 08 04.3 -2.6
TRQ				Trac		13 08 40.8
TRQ	comp=Z,172nm,0.5s					
TRQ	Mont Tremblant	6.13	241	Pn	Pn	13 06 56.4 -0.8
E56A	St. Veronique	6.24	245	P	Pn	13 06 56.8 -1.8
E56A	baz=59					
LBNH	Lisbon	6.28	216	PN	Pn	13 06 59.5 +0.3
LBNH				SN	S	13 08 10.1 -0.4
LBNH				LG	Trac	13 08 45.2
LBNH				Trac		13 08 56.3
LBNH	comp=Z,431nm,1.1s					
LBNH	Lisbon	6.28	216	P	Pn	13 06 59.4 +0.2
LBNH	baz=32					
LBNH	Lisbon	6.28	216	Pn	Pn	13 06 59.4 +0.2
LBNH	Lisbon	6.28	216	P	Pn	13 06 59.5
LBNH	baz=32, SNR=18					
NMSO	Nemaska Statio	6.29	295	PN	Pn	13 06 59.1 -0.3
NMSO				SN	S	13 07 07.9 -2.8
NMSO				Trac		13 08 45.2
NMSO	comp=Z,215nm,0.3s					
NMSO	Tamworth	6.38	211	LG	Lg	13 08 47.3
I62A	Tamworth	6.38	211	P	Pn	13 07 00.9 +0.3
I62A	Tamworth	6.38	211	Pn	Pn	13 07 01.0 +0.3
I62A	Tamworth	6.38	211	P	Pn	13 07 01.1
I62A	baz=28, SNR=8.1					
F57A	Harrington	6.45	239	P	Pn	13 07 01.6 +0.1
F57A	baz=53					
FRNY	Flat Rock	6.53	228	P	Pn	13 07 03.1 +0.5
FRNY				P	Pn	13 07 03.2
G58A	Ormstown	6.54	232	P	Pn	13 07 02.8 0.0
G58A	baz=46					
VT1	Waterbury	6.54	221	P	Pn	13 07 02.8 0.0
I61A	Orchard, Fairl	6.65	216	P	Pn	13 07 04.4 +0.2
I61A	baz=30					
LSQQ	Lebel-sur-Quev	6.67	271	PN	Pn	13 07 02.8 -1.8
LSQQ				Trac		13 09 07.4
LSQQ	comp=Z,67nm,0.2s					
GRQ	Grand Remous	6.70	248	PN	Pn	13 07 02.9 -2.2
GRQ				SN	S	13 08 16.6 -4.2
GRQ				Trac		13 09 06.7
GRQ	comp=Z,138nm,0.3s					
H59A	Cadyville	6.72	227	P	Pn	13 07 05.4 +0.1
H59A	baz=22					
J63A	Stratford	6.84	207	P	Pn	13 07 07.2 +0.3
J63A	baz=24					
FFD	Franklin Falls	6.85	211	Pn	Pn	13 07 07.9 +0.9
FFD				PN	Pn	13 07 07.9 +0.3
VABO	Haver	6.87	215	PN	Pn	13 07 07.0 -1.0
VABO	Val Des Bois	6.87	215	PN	Pn	13 06 22.0 -4.1
VABO				LG	Trac	13 09 03.0
VABO				Trac		13 09 11.4
VABO	comp=Z,135nm,0.3s					
MCVT	Midbury Col	6.95	220	P	Pn	13 07 08.7
MCVT	baz=36, SNR=13					
UNH	University of	6.95	205	P	Pn	13 07 08.9
UNH						

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like Magyarpolny, Kecov, Kalwarja Pacla, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like W50A, GEYT, GEYT, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like HHC, HHC, HHC, etc.

IDC 16 17:47:44.9-4.2 5:10S:151°60E,h110km,36km,mb3.7/9, mb1 3.9/10, mb1mx3.6/30, mbtmp4.0/10, Error ellipse: s-maj=36.0km a-min=27.7km az=118.0

NEIC 16 17:47:45.7-2.2 5:12S:108°151.65E-0.09,h121km,8km, mb4.5/21, Error ellipse: s-maj=13.5km s-min=11.4km az=113.0

NOU 16 17:47:46.4, 4:82S:151.47E,h134km,mb4.3, New Britain Region, P.N.G.

ISC 16 17:47:47.0-0.5 5:11S:106°151.62E-0.07,h129km,n50, a=121.50, mb4.2/18, New Britain region

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

725

TDCB	Techi	0.80 256	U	P	Pn	19 12 30.5	-0.4
TDCB	Techi				S	Sn	19 12 41.3 -0.5
YM01	YM01	0.81 330	U	P	Pn	19 12 31.5	+0.5
YM01	YM01				S	Sn	19 12 42.8 +1.1
YM10	YM10	0.82 330	U	P	Pn	19 12 31.7	+0.5
YM10	YM10				S	Sn	19 12 43.8 +1.7
ESL	Shilin	0.82 220	U	P	Pn	19 12 29.7	-1.4
YM11	YM11	0.82 331	U	P	Pn	19 12 32.1	+0.9
YM11	YM11				S	Sn	19 12 43.2 +1.0
YM05	YM05	0.82 331	U	P	Pn	19 12 31.6	+0.4
YM05	YM05				S	Sn	19 12 43.3 +1.0
YM04	YM04	0.83 329	U	P	Pn	19 12 31.8	+0.5
YM04	YM04				S	Sn	19 12 43.5 +1.2
YM08	YM08	0.83 333	U	P	Pn	19 12 31.6	+0.3
YM08	YM08				S	Sn	19 12 43.2 +0.7
TWS1	Kuangyinshan	0.85 321	U	P	Pn	19 12 32.2	+0.7
TWS1	TWS1				S	Sn	19 12 44.6 +1.9
YM03	YM03	0.85 330	U	P	Pn	19 12 32.0	+0.4
YM03	YM03				S	Sn	19 12 44.4 +1.5
JYNG	Yonagunijimaku	0.85 89	P	S	Pn	19 12 32.0	+0.5
JYNG	JYNG				S	Sn	19 12 43.3 +2.5
NTY	Taoyuan	0.85 311	e	P	Pn	19 12 32.2	+0.7
NTY	NTY				S	Sn	19 12 44.6 +1.8
CHGB	Renai	0.85 244	U	P	Pn	19 12 31.1	-0.7
CHGB	CHGB				S	Sn	19 12 43.6 +0.4
ANP	Anpu	0.86 329	U	P	Pn	19 12 32.1	+0.3
ANP	ANP				S	Sn	19 12 44.5 +1.2
NTST	Danshui	0.88 325	U	P	Pn	19 12 32.7	+0.8
NTST	NTST				S	Sn	19 12 45.6 +2.1
TWY	Chenhua	0.91 336	e	P	Pn	19 12 33.2	+0.9
TWY	TWY				S	Sn	19 12 47.1 +2.9
YOJ	Yonaguni jima	0.91 89	P	S	Pn	19 12 32.8	+0.5
YOJ	YOJ				S	Sn	19 12 46.0 +1.7
YOJ	Yonaguni jima	0.91 89	U	P	Pn	19 12 32.7	+0.3
YOJ	YOJ				S	Sn	19 12 46.0 +1.7
NCU	National Centr	0.91 305	e	P	Pn	19 12 33.1	+0.7
NCU	NCU				S	Sn	19 12 46.5 +2.1
NCUH	Zhongli	0.91 305	e	P	Pn	19 12 33.1	+0.7
NCUH	NCUH				S	Sn	19 12 46.5 +2.1
NSM	Shimen	0.92 336	e	P	Pn	19 12 33.8	+1.3
LI0B	Emei	0.93 283	U	P	Pn	19 12 33.2	+0.6
LI0B	LI0B				S	Sn	19 12 45.6 +0.9
NSTT	Nanjuang	0.94 282	U	P	Pn	19 12 33.3	+0.6
NSTT	NSTT				S	Sn	19 12 45.7 +0.8
EGFH	Guangfu	0.94 215	e	P	Pn	19 12 31.5	-1.3
HSN1	Hsinchu	0.96 290	U	P	Pn	19 12 33.8	+0.7
HSN1	HSN1				S	Sn	19 12 47.3 +1.7
WHP	Taichung City	0.98 260	U	P	Pn	19 12 33.7	+0.3
WHP	WHP				S	Sn	19 12 47.3 +1.0
SBCB	Hsinchu	0.99 291	U	P	Pn	19 12 34.1	+0.6
SBCB	SBCB				S	Sn	19 12 48.3 +1.9
HSN	Hsinchu	1.01 291	P	P	Pn	19 12 34.2	+0.4
HSN	HSN				S	Sn	19 12 48.0 +1.2
WPL	Puli Township	1.05 246	U	P	Pn	19 12 34.3	-0.1
DPDB	Guoxing	1.07 248	U	P	Pn	19 12 34.8	+0.2
HGSD	Ruisui	1.09 210	U	P	Pn	19 12 34.1	-0.7
HGSD	HGSD				S	Sn	19 12 51.4 +2.7
NMLH	Miaoli	1.11 275	U	P	Pn	19 12 36.2	+1.0
NMLH	NMLH				S	Sn	19 12 52.1 +2.8
EHY	Hungye	1.13 214	U	P	Pn	19 12 33.6	-1.8
TWQ1	Liyutan	1.13 265	P	P	Pn	19 12 36.6	+1.2
TWQ1	TWQ1				S	Sn	19 12 52.0 +2.3
NSY	Sanyi	1.14 269	U	P	Pn	19 12 36.7	+1.2
NSY	NSY				S	Sn	19 12 52.3 +2.3
SMLT	Sun Moon Lake	1.16 241	U	P	Pn	19 12 35.8	-0.1
SMLT	SMLT				S	Sn	19 12 52.1 +1.6
SSLB	Suanglung	1.17 236	U	P	Pn	19 12 35.5	-0.5
SSLB	SSLB				S	Sn	19 12 51.3 +0.6
PCYT	Suanglung	1.17 236	P	P	Pn	19 12 35.5	-0.5
PCYT	PCYT				S	Sn	19 12 36.4 +0.3
TYC	Yueh	1.18 243	U	P	Pn	19 12 36.2	+0.1
TYC	TYC				S	Sn	19 12 52.0 +1.0
YULB	Yu-i	1.23 212	U	P	Pn	19 12 35.2	-1.6
YULB	YULB				S	Sn	19 12 34.9 -2.0
TCU	Taichung	1.25 257	U	P	Pn	19 12 38.1	+1.0
WDJ	Dajia District	1.25 266	U	P	Pn	19 12 37.9	+0.8
WDJ	WDJ				S	Sn	19 12 55.4 +2.7
EYUL	Yuli	1.26 210	e	P	Pn	19 12 37.5	+0.2
WWF	Wufeng	1.26 252	U	P	Pn	19 12 38.3	+1.1
WWF	WWF				S	Sn	19 12 55.9 +3.0
TWF1	Yuli	1.27 211	e	P	Pn	19 12 35.8	-1.5
WHYT	Xinyi Township	1.29 235	e	P	Pn	19 12 38.0	+0.3
WHYT	WHYT				S	Sn	19 12 56.4 +2.6
WJS	Zhushan	1.33 242	U	P	Pn	19 12 39.2	+1.1
WJS	WJS				S	Sn	19 12 58.9 +4.4

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WNT1	Nantou City	1.33 246	U	P	Pn	19 12 39.5	+1.4
WNT1	WNT1				S	Sn	19 12 58.3 +3.8
WNT	Mingjian	1.34 245	U	P	Pn	19 12 39.6	+1.4
WNT	WNT				S	Sn	19 12 58.4 +3.6
YUS	Yu-Shan	1.36 226	U	P	Pn	19 12 38.5	-0.4
YUS	YUS				S	Sn	19 12 57.2 +1.2
WCHH	Zhenghua	1.38 255	e	P	Pn	19 12 39.3	+0.6
FULB	Fuli	1.40 208	e	P	Pn	19 12 38.6	-0.6
ALS	Alisan	1.44 230	U	P	Pn	19 12 40.3	+0.3
ALS	ALS				S	Sn	19 13 00.0 +2.2
CHKT	Chengkung	1.46 204	e	P	Pn	19 12 39.2	-0.8
CHN5	Tsauling	1.48 236	U	P	Pn	19 12 41.3	+1.0
CHN5	CHN5				S	Sn	19 13 02.5 +4.0
WGK	Gukeng	1.52 241	U	P	Pn	19 12 42.3	+1.5
WGK	WGK				S	Sn	19 13 03.2 +3.8
WDLH	Douliu	1.54 241	U	P	Pn	19 12 42.5	+1.5
WDLH	WDLH				S	Sn	19 13 03.7 +3.8
ELDTW	Lidou	1.55 216	U	P	Pn	19 12 40.1	-1.2
IRIF	Iriomote-Funau	1.57 94	P	P	Pn	19 12 41.8	+0.4
IRIF	IRIF				S	Sn	19 13 02.6 +2.1
EDH	Donghe	1.60 204	e	P	Pn	19 12 41.0	-0.8
RLNB	Erin	1.61 250	U	P	Pn	19 12 42.6	+0.7
RLNB	RLNB				S	Sn	19 13 02.8 +1.4
WTK	Tuku	1.66 243	e	P	Pn	19 12 43.9	+1.2
WTK	WTK				S	Sn	19 13 06.0 +3.2
CHN2	Minshung	1.67 237	P	P	Pn	19 12 44.6	+1.8
CHN2	CHN2				S	Sn	19 13 07.1 +4.0
HATJ	Hateruma jima	1.68 103	P	P	Pn	19 12 44.2	+1.2
HATJ	HATJ				S	Sn	19 13 05.2 +1.9
CHN4	Tsauling	1.69 230	U	P	Pn	19 12 44.5	+1.4
CHN4	CHN4				S	Sn	19 13 06.9 +3.3
STYT	Taiyuan	1.72 222	U	P	Pn	19 12 44.1	+0.6
STYT	STYT				S	Sn	19 13 06.6 +2.4
CHY	Chiyai	1.73 237	e	P	Pn	19 12 45.0	+1.4
CHY	CHY				S	Sn	19 13 08.1 +3.6
LONT	Longtan	1.73 208	e	P	Pn	19 12 42.3	-1.4
WTP	Ta-pu	1.75 227	U	P	Pn	19 12 44.9	+0.9
WTP	WTP				S	Sn	19 13 09.1 +4.1
WMLT	Mailiao	1.75 249	e	P	Pn	19 12 45.6	+1.6
WMLT	WMLT				S	Sn	19 12 45.6 +1.6
TWK	Hsinying	1.82 230	U	P	Pn	19 12 46.2	+1.3
TWK	TWK				S	Sn	19 13 10.1 +3.2
WSF	Szhu	1.82 244	U	P	Pn	19 12 45.6	+0.7
WSF	WSF				S	Sn	19 13 09.1 +2.4
TWGB	Beinan	1.83 208	e	P	Pn	19 12 43.3	-1.7
LDUT	Ludao	1.83 196	e	P	Pn	19 12 43.3	-1.8
TWG	Pinlang	1.83 208	e	P	Pn	19 12 43.8	-1.3
TWG	TWG				S	Sn	19 12 42.7 -2.3
JKRS	Kuro-shima	1.83 96	P	P	Pn	19 12 46.2	+1.2
JKRS	JKRS				S	Sn	19 13 10.1 +3.1
WLBG	Puzi	1.84 239	U	P	Pn	19 12 45.3	+0.2
WLBG	WLBG				S	Sn	19 13 09.4 +2.3
SNST	Tainan City	1.85 229	U	P	Pn	19 12 46.0	+0.8
SNST	SNST				S	Sn	19 13 10.8 +3.5
CHN1	Nanshi	1.85 228	U	P	Pn	19 12 46.4	+1.1
CHN1	CHN1				S	Sn	19 13 11.4 +3.9
TTN	Taitung	1.86 205	e	P	Pn	19 12 45.3	-0.1
TTN	TTN				S	Sn	19 12 46.1 +0.3
SGST	Jiashian	1.89 224	U	P	Pn	19 12 46.1	+0.3
SLGT	Lugui	1.91 221	U	P	Pn	19 12 47.4	+1.2
ICHU	Yijhu	1.92 236	e	P	Pn	19 12 47.6	+1.4
ICHU	ICHU				S	Sn	19 13 12.9 +3.8
JJJ	Ishigaki jima	1.94 92	P	P	Pn	19 12 47.5	+0.9
JJJ	JJJ				S	Sn	19 13 11.1 +3.3
CHN8	Yiju	1.98 237	P	P	Pn	19 12 48.4	+1.3
CHN8	CHN8				S	Sn	19 13 13.8 +3.2
CHN3	Shinhua	2.03 228	P	P	Pn	19 12 49.5	+1.8
CHN3	CHN3				S	Sn	19 13 16.5 +4.5
ECL	Taimali	2.08 208	e	P	Pn	19 12 46.9	-1.5
SCST	Cishan	2.08 222	e	P	Pn	19 12 49.4	+0.9
SCST	SCST				S	Sn	19 12 50.0 +1.4
SCLT	Jiali	2.09 233	P	P	Pn	19 12 47.6	+1.4
SCLT	SCLT				S	Sn	19 13 17.0 +3.6
JISG	Ishigakijimahi	2.10 86	P	P	Pn	19 12 49.4	+0.7
JISG	JISG				S	Sn	19 13 15.3 +1.7
SSD	Sandimen	2.11 217	e	P	Pn	19 12 49.3	+0.4
SSD	SSD				S	Sn	19 13 16.5 +2.6
TSMG	Majia	2.14 216	U	P	Pn	19 12 50.2	+1.0
TAH1	Yung-kang	2.15 230	e	P	Pn	19 12 50.5	+1.1
TAH1	TAH1				S	Sn	19 12 52.1 +2.3
TWMT	Shoushan	2.17 222	e	P	Pn	19 12 52.7	+2.5
SGLT	Jiouru	2.21 219	e	P	Pn	19 12 52.7	+2.5
MASBT	Mashibuluo	2.22 215	e	P	Pn	19 12 51.0	+0.6
MASBT	MASBT				S	Sn	19 13 19.5 +2.9
TSPT	Pinung City	2.24 219	e	P	Pn	19 12 51.7	+1.0
TSPT	TSPT				S	Sn	19 12 52.6 +1.4
SNJT	Kaohsiung City	2.28 223	e	P	Pn	19 12 52.6	+1.4
PTTC	Pingtang	2.29 298	e	P	Pn	19 12 50.8	-0.5
PTTC	PTTC				S	Sn	19 13 16.6 -1.7
EAST	Anshuo	2.31 208	e	P	Pn	19 12 51.9	+0.2
EAST	EAST				S	Sn	19 12 51.8 +0.1
TAW	Tawu	2.32 206	e	P	Pn	19 12 54.4	+2.1
SSPT	Xinbi	2.36 214	e	P	Pn	19 12 52.2	-0.5
SSPT	SSPT				S	Sn	19 13 19.2 -1.6
VWUC	VWUC	2.39 284	U	P	Pn	19 12 52.2	-0.5
VWUC	VWUC				S	Sn	19 13 19.2 -1.6

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=17, etc.).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=17, etc.).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=17, etc.).

16d 20h

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, ISC. Includes stations like ULM, NVAR, YKA, ARCES, ZALV, SONMI, MKAR.

JMA 16:20:07:10.6:0.1,24.36N:121.92E,h53km,2km,M2.9
TAP 16:20:07:11.3,24.43N,121.97E,h22km,ML3.5,B
ISC 16:20:07:11.7-0.9,24.43N:0.02x121.97E:0.02,h28km,4km,
n124,e088/213,Taiwan

Main station list table for the first section, including stations like ENAH, ENA, ENA, TWC, TWC, ILA, TWE, ENT, ENT, NACB, NACB, NTC, NTC, NDT, NDT, TWD, TWD, ETHL, ETHL, NNSB, NNSB, NNSH, NNSH, NNS, NNS, NNLW, NNLW, TIPB, TIPB, HWA, HWA, TWB1, TWB1, YHNB, YHNB, NSK, NSK, TWA, TWA, NWF, NWF, WFSB, WFSB, NHDH, NHDH, FUSS, FUSS, TATO, TATO, WHF, WHF, TAP, TAP, TNOU, TNOU, BACT, BACT, TWT, TWT, TDCB, TDCB, ESL, ESL, YM01, YM01, YM10, YM10, CHGB, CHGB, YM11, YM11, YM05, YM05, YM05.

2015 JAN

Main station list table for the second section, including stations like YM04, YM04, YM08, YM08, NTY, NTY, TWS1, TWS1, YM03, YM03, ANP, ANP, NJD, NJD, NTST, NTST, NTST, NTST, JYNG, JYNG, NCU, NCU, NCUH, NCUH, NCUH, NCUH, LIOB, LIOB, LIOB, LIOB, EGFH, EGFH, EGFH, EGFH, NSTT, NSTT, NSTT, NSTT, TWY, TWY, TWY, TWY, HSN1, HSN1, HSN1, HSN1, WHP, WHP, WHP, WHP, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, SBCB, SBCB, SBCB, SBCB, WPL, WPL, WPL, WPL, NHW, NHW, DPDB, DPDB, NJN, NJN, NJN, NJN, HGSD, HGSD, HGSD, HGSD, NMLH, NMLH, NMLH, NMLH, EHY, EHY, EHY, EHY, TWQ1, TWQ1, TWQ1, TWQ1, NSY, NSY, NSY, NSY, SMLT, SMLT, SMLT, SMLT, SSSLB, SSSLB, SSSLB, SSSLB, TYC, TYC, TYC, TYC, PCYT, PCYT, PCYT, PCYT, YULB, YULB, YULB, YULB, TCU, TCU, TCU, TCU, TCU, TCU, WDJ, WDJ, WDJ, WDJ, EYUL, EYUL, EYUL, EYUL, TWF1, TWF1, TWF1, TWF1, WHYT, WHYT, WHYT, WHYT, WJWS, WJWS, WJWS, WJWS, WNT1, WNT1, WNT1, WNT1, WNT, WNT, WNT, WNT, WNT, WNT, YUS, YUS, YUS, YUS, FULB, FULB, FULB, FULB, ALS, ALS, ALS, ALS, CHN5, CHN5, CHN5, CHN5, CHN5, CHN5, WDK, WDK, WDK, WDK, WDLH, WDLH, WDLH, WDLH, ELDTW, ELDTW, ELDTW, ELDTW.

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Main station list table for the third section, including stations like EDH, EDH, IRIF, IRIF, WTK, WTK, WTK, WTK, CHN4, CHN4, CHN4, CHN4, STYT, STYT, STYT, STYT, LONT, LONT, LONT, LONT, WTP, WTP, WTP, WTP, TWK, TWK, TWK, TWK, WLBG, WLBG, WLBG, WLBG, TWBGT, TWBGT, TWBGT, TWBGT, CHN1, CHN1, CHN1, CHN1, CHN1, CHN1, SGST, SGST, SGST, SGST, JKRK, JKRK, JKRK, JKRK, CHN8, CHN8, CHN8, CHN8, JIJ, JIJ, JIJ, JIJ, ECL, ECL, ECL, ECL, SCST, SCST, SCST, SCST, SSD, SSD, SSD, SSD, TSMG, TSMG, TSMG, TSMG, JISG, JISG, JISG, JISG, MASBT, MASBT, MASBT, MASBT, MASBT, MASBT, PTTC, PTTC, PTTC, PTTC, PTTC, PTTC, EAST, EAST, EAST, EAST, WVUC, WVUC, WVUC, WVUC, WVUC, WVUC, PHUB, PHUB, PHUB, PHUB, SLIU, SLIU, SLIU, SLIU, JTJ, JTJ, JTJ, JTJ, MATB, MATB, MATB, MATB, MSUT, MSUT, MSUT, MSUT, VCHM, VCHM, VCHM, VCHM, PTMZ, PTMZ, PTMZ, PTMZ, PTMZ, PTMZ, LYJJ, LYJJ, LYJJ, LYJJ, XPSS, XPSS, XPSS, XPSS, XPSS, XPSS, JMJ, JMJ, JMJ, JMJ, MHZQ, MHZQ, MHZQ, MHZQ, KNMB, KNMB, KNMB, KNMB, KNMB, KNMB, AXDP, AXDP, AXDP, AXDP, AXDP, AXDP.

SKHL 16:20:08:56.8:0.2,44.97N:148.79E,h127km,18km,mb4.2/3,
mns5.1/4,Kuril Islands

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, ISC. Includes stations like KUR, KUR, KUR, KUR, YUK, YUK, YUK, YUK, YUK, YUK, GRPR, GRPR, GRPR, GRPR, GRPR, GRPR, GLVR, GLVR, GLVR, GLVR, NMR, NMR, NMR, NMR.

IDC 16:20:17:37.1:15.0,21.05S:177.71W,h350km,131km,
mb3.1/5,mb1.3/4.5,mb1mx3.1/20,mbtmp3.8/5,Error
ellipse: s-maj=125.5km s-min=50.6km az=136.0
NEIC 16:20:17:45.0:1.7,21.05S:0.2:177.86W:0.05,h440km,8km,
mb4.1/13,Error ellipse: s-maj=28.2km s-min=5.2km
az=187.0

ISC 16:20:17:47.4:0.8,20.7S:0.2:177.72W:0.0:10,h500km,n23,
e1935/23,mb3.9/11,Fiji Islands region

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, ISC. Includes stations like MSVF, MSVF, NIUE, NIUE, NIUE, NIUE, CTAO, CTAO, TOO, TOO, TOO, TOO, COEN, COEN, STKA, STKA, BBOO, BBOO, BBOO, BBOO.

Table with columns: STATION, NAME, TIME, RES, and various codes. Includes stations like Pohnpei, Warramunga Arr, Warramunga Arr, etc.

Table with columns: STATION, NAME, TIME, RES, and various codes. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, ARU Arti, etc.

Table with columns: STATION, NAME, TIME, RES, and various codes. Includes stations like EPID Epidavros, TURUN Turunc, TURUN Turunc, etc.

NEIC 16 20:43:40.0±2.5, 7.40S:0.06°106:22E:0.06, h50km, 8km, mb4.4/24, Error ellipse: s-maj=8.4km s-min=8.0km az=132.0

DJA 16 20:43:43.0±3.0, 8°S:4°10'6E, h50km, 8km, M4, 7/21, mb4.9/7, mB5.2/4, MLV4.6/21, Mw(mB)4.5/4

ISC 16 20:43:48.2±1.4, 7.00S:106:58E, h115km, 11km, mb3.9/18, mb1.4/19, mb1mx3.6/17, mbtmp4.3/19, MS3.0/3, Ms1.3/13, ms1.7/30, Error ellipse: s-maj=27.3km s-min=10.4km az=56.0

ISC 16 20:43:42.0±0.5, 7.47S:104:106:29E:0.04, h66km, n78, o189/77, mb4.2/22, JAWA

IDC 16 20:53:24.9±1.1, 25°42'N:96°50'E, h0km, mb3.4/6, mb1.3/5.7, mb1mx3.6/1, mbtmp3.3/7, ML3.1/1, Error ellipse: s-maj=51.5km s-min=15.8km az=67.0

ISC 16 20:53:28.4±1.0, 25°41'N:02:96:5E:0.4, h25km, n7, o065/7, mb3.4/6, Myanmar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like CHIANG MAI ARR, CMAR, CMAR, etc.

SWAZI 16 20:53:28.4±1.0, 25°41'N:02:96:5E:0.4, h25km, n7, o065/7, mb3.4/6, Myanmar

ISC 16 21:31:59.7±3.2, 34°94'N:24°95'E, h38km, 32km, mb3.7/8, mb1.3/8.16, mb1mx3.6/46, mbtmp3.9/16, ML3.9/6, MS2.4/1, Ms1.2/4.1, ms1mx2.1/40, Error ellipse: s-maj=22.9km s-min=17.2km az=128.0

HLW 16 21:32:00.9, 34°90'N:25°28'E, h20km, 19km, Md3.9, ATH 16 21:32:01.0, 35°01'N:24°94'E, h53km, 3km, ML3.5/6, Error ellipse: s-maj=6.2km s-min=2.5km az=177.0

ISK 16 21:32:00.3, 34°99'N:24°96'E, h4km, ML3.5/5, THE 16 21:32:02.5, 34°84'N:24°90'E, h40km, 2km, ML3.6/9, Error ellipse: s-maj=3.4km s-min=1.2km az=351.0

DDA 16 21:32:07.0, 35°22'N:25°31'E, h38km, 174km, MW3.7, ISC 16 21:32:00.5, 37°34'N:105°24'29E:0.03, h51km, 6km, n101, o282/119, mb3.8/3, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, etc.

KSTL Epine, 0.36 20 P Pn 21 32 12.6 +2.3 IACM Heraklion, 0.36 20 P Pn 21 32 11.7 +1.4 IACM Heraklion, 0.36 20 P S Pn 21 32 12.0 +3.7

HRKL Heraklio, 0.38 23 P S Pn 21 32 19.4 +1.1 HRKL Heraklio, 0.38 23 PG Pn 21 32 11.6 +1.1 NPS Neapolis, 0.64 62 AML AML 21 32 15.4 +1.8

NPS Neapolis, 0.64 62 AML AML 21 32 22.1 NPS Neapolis, 0.64 62 P S Pn 21 32 15.8 +2.3 NPS Neapolis, 0.64 62 P S Pn 21 32 26.7 +3.7

GVD Gavdos, 0.69 260 PG Pn 21 32 15.8 +1.6 GVD Gavdos, 0.69 260 PG Pn 21 32 16.0 +1.8 GVD Gavdos, 0.70 260 SG Pn 21 32 27.6 +3.5

GVD Gavdos, 0.70 260 Pn AML 21 32 30.3 GVD Gavdos, 0.70 260 Pn AML 21 32 34.9 GVD Gavdos, 0.70 260 P S Pn 21 32 15.2 +1.0

GVD Gavdos, 0.70 260 P S Pn 21 32 24.0 -0.2 GVD Gavdos, 0.70 260 PG Pn 21 32 15.7 +1.5 GVD Gavdos, 0.70 260 PG Pn 21 32 15.9 +1.5

VAM Vamos, 0.73 307 Pn AML 21 32 17.1 +2.3 VAM Vamos, 0.73 307 Pn AML 21 32 34.5 VAM Vamos, 0.73 307 Pn AML 21 32 38.6

VAM Vamos, 0.73 307 P S Pn 21 32 16.9 +2.1 VAM Vamos, 0.73 307 P S Pn 21 32 28.8 +3.7 IMMV Iera Moni Meta, 0.91 303 P Pn 21 32 19.9 +2.8

IMMV Iera Moni Meta, 0.91 303 Pn AML 21 32 36.3 IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +2.4 IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +4.2

IMMV Iera Moni Meta, 0.91 303 PG Pn 21 32 19.2 +2.1 STIA Sitia Lasithi, 0.99 76 Pn Pn 21 32 17.1 +3.6 ZKR Zakros, 1.07 82 Pn Pn 21 32 22.0 +2.8

ZKR Zakros, 1.07 82 Pn AML 21 32 41.8 ZKR Zakros, 1.07 82 Pn AML 21 32 47.6 ZKR Zakros, 1.07 82 P S Pn 21 32 22.1 +2.8

ZKR Zakros, 1.07 82 P S Pn 21 32 35.6 +2.4 ZKR Zakros, 1.07 82 PG Pn 21 32 19.9 +0.6 ZKR Zakros, 1.07 82 PG Pn 21 32 33.8 +0.5

SANT Santorini, 1.47 17 Pn Pn 21 32 25.1 +0.5 SANT Santorini, 1.47 17 Pn Pn 21 32 25.2 +1.5 SNTS Nea Kammeni, S, 1.48 15 P Pn 21 32 26.6 +1.8

SNTS Nea Kammeni, S, 1.48 15 P Pn 21 32 26.6 +1.8 SAP3 Santorini-Thir, 1.51 13 P Pn 21 32 27.2 +2.1 SAP3 Santorini-Thir, 1.51 13 P Pn 21 32 27.5 +2.4

CMBO Colonus, Santo, 1.55 15 P Pn 21 32 27.1 +2.2 ANKY Antikythira Is, 1.60 305 P Pn 21 32 29.6 +3.2 ANKY Antikythira Is, 1.60 305 P Pn 21 32 29.6 +3.2

MHLO Agia Marina, M, 1.77 346 P Pn 21 32 30.3 +1.6 MHLO Agia Marina, M, 1.77 346 P Pn 21 32 30.2 +1.5 KARP Karpathos, 1.92 72 Pn Pn 21 32 34.1 +3.3

KARP Karpathos, 1.92 72 Pn Pn 21 32 32.7 +1.9 KARP Karpathos, 1.92 72 Pn Pn 21 32 31.7 +0.9 KTHA Kythira Island, 1.93 311 Pn Pn 21 32 33.5 +1.8

SWAZI 16 21:31:59.7±3.2, 34°94'N:24°95'E, h38km, 32km, mb3.7/8, mb1.3/8.16, mb1mx3.6/46, mbtmp3.9/16, ML3.9/6, MS2.4/1, Ms1.2/4.1, ms1mx2.1/40, Error ellipse: s-maj=22.9km s-min=17.2km az=128.0

HLW 16 21:32:00.9, 34°90'N:25°28'E, h20km, 19km, Md3.9, ATH 16 21:32:01.0, 35°01'N:24°94'E, h53km, 3km, ML3.5/6, Error ellipse: s-maj=6.2km s-min=2.5km az=177.0

ISK 16 21:32:00.3, 34°99'N:24°96'E, h4km, ML3.5/5, THE 16 21:32:02.5, 34°84'N:24°90'E, h40km, 2km, ML3.6/9, Error ellipse: s-maj=3.4km s-min=1.2km az=351.0

DDA 16 21:32:07.0, 35°22'N:25°31'E, h38km, 174km, MW3.7, ISC 16 21:32:00.5, 37°34'N:105°24'29E:0.03, h51km, 6km, n101, o282/119, mb3.8/3, Crete

SIVA Sivas, 0.10 300 P Pn 21 32 08.9 +0.4 SIVA Sivas, 0.10 300 P S Pn 21 32 15.4 +1.3 SIVA Sivas, 0.10 300 P S Pn 21 32 16.3

SIVA Sivas, 0.10 300 P S Pn 21 32 16.4 SIVA Sivas, 0.10 300 P S Pn 21 32 08.9 +0.4 SIVA Sivas, 0.10 300 P S Pn 21 32 14.8 +0.6

TMBK Timbaki Heraki, 0.16 310 P S Pn 21 32 09.5 +0.8 TMBK Timbaki Heraki, 0.16 310 P S Pn 21 32 16.4 +1.8 KSTL Epine, 0.36 20 P Pn 21 32 12.6 +2.3

IACM Heraklion, 0.36 20 P Pn 21 32 11.7 +1.4 IACM Heraklion, 0.36 20 P S Pn 21 32 12.0 +3.7 HRKL Heraklio, 0.38 23 P S Pn 21 32 19.4 +1.1

HRKL Heraklio, 0.38 23 PG Pn 21 32 11.6 +1.1 NPS Neapolis, 0.64 62 AML AML 21 32 15.4 +1.8 NPS Neapolis, 0.64 62 AML AML 21 32 22.1

NPS Neapolis, 0.64 62 P S Pn 21 32 15.8 +2.3 NPS Neapolis, 0.64 62 P S Pn 21 32 26.7 +3.7 GVD Gavdos, 0.69 260 PG Pn 21 32 15.8 +1.6

GVD Gavdos, 0.69 260 PG Pn 21 32 16.0 +1.8 GVD Gavdos, 0.70 260 SG Pn 21 32 27.6 +3.5 GVD Gavdos, 0.70 260 Pn AML 21 32 30.3

GVD Gavdos, 0.70 260 Pn AML 21 32 34.9 GVD Gavdos, 0.70 260 P S Pn 21 32 15.2 +1.0 GVD Gavdos, 0.70 260 P S Pn 21 32 24.0 -0.2

GVD Gavdos, 0.70 260 PG Pn 21 32 15.7 +1.5 GVD Gavdos, 0.70 260 PG Pn 21 32 15.9 +1.5 VAM Vamos, 0.73 307 Pn AML 21 32 17.1 +2.3

VAM Vamos, 0.73 307 Pn AML 21 32 34.5 VAM Vamos, 0.73 307 Pn AML 21 32 38.6 VAM Vamos, 0.73 307 P S Pn 21 32 16.9 +2.1

VAM Vamos, 0.73 307 P S Pn 21 32 28.8 +3.7 IMMV Iera Moni Meta, 0.91 303 P Pn 21 32 19.9 +2.8 IMMV Iera Moni Meta, 0.91 303 Pn AML 21 32 36.3

IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +2.4 IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +4.2 IMMV Iera Moni Meta, 0.91 303 PG Pn 21 32 19.2 +2.1

STIA Sitia Lasithi, 0.99 76 Pn Pn 21 32 17.1 +3.6 ZKR Zakros, 1.07 82 Pn Pn 21 32 22.0 +2.8 ZKR Zakros, 1.07 82 Pn AML 21 32 41.8

ZKR Zakros, 1.07 82 Pn AML 21 32 47.6 ZKR Zakros, 1.07 82 P S Pn 21 32 22.1 +2.8 ZKR Zakros, 1.07 82 P S Pn 21 32 35.6 +2.4

ZKR Zakros, 1.07 82 PG Pn 21 32 19.9 +0.6 ZKR Zakros, 1.07 82 PG Pn 21 32 33.8 +0.5 SANT Santorini, 1.47 17 Pn Pn 21 32 25.1 +0.5

NEIC 16 20:43:40.0±2.5, 7.40S:0.06°106:22E:0.06, h50km, 8km, mb4.4/24, Error ellipse: s-maj=8.4km s-min=8.0km az=132.0

DJA 16 20:43:43.0±3.0, 8°S:4°10'6E, h50km, 8km, M4, 7/21, mb4.9/7, mB5.2/4, MLV4.6/21, Mw(mB)4.5/4

ISC 16 20:43:48.2±1.4, 7.00S:106:58E, h115km, 11km, mb3.9/18, mb1.4/19, mb1mx3.6/17, mbtmp4.3/19, MS3.0/3, Ms1.3/13, ms1.7/30, Error ellipse: s-maj=27.3km s-min=10.4km az=56.0

ISC 16 20:43:42.0±0.5, 7.47S:104:106:29E:0.04, h66km, n78, o189/77, mb4.2/22, JAWA

ISC 16 21:31:59.7±3.2, 34°94'N:24°95'E, h38km, 32km, mb3.7/8, mb1.3/8.16, mb1mx3.6/46, mbtmp3.9/16, ML3.9/6, MS2.4/1, Ms1.2/4.1, ms1mx2.1/40, Error ellipse: s-maj=22.9km s-min=17.2km az=128.0

HLW 16 21:32:00.9, 34°90'N:25°28'E, h20km, 19km, Md3.9, ATH 16 21:32:01.0, 35°01'N:24°94'E, h53km, 3km, ML3.5/6, Error ellipse: s-maj=6.2km s-min=2.5km az=177.0

ISK 16 21:32:00.3, 34°99'N:24°96'E, h4km, ML3.5/5, THE 16 21:32:02.5, 34°84'N:24°90'E, h40km, 2km, ML3.6/9, Error ellipse: s-maj=3.4km s-min=1.2km az=351.0

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SIVA Sivas, 0.10 300 P Pn 21 32 08.9 +0.4 SIVA Sivas, 0.10 300 P S Pn 21 32 15.4 +1.3 SIVA Sivas, 0.10 300 P S Pn 21 32 16.3

SIVA Sivas, 0.10 300 P S Pn 21 32 16.4 SIVA Sivas, 0.10 300 P S Pn 21 32 08.9 +0.4 SIVA Sivas, 0.10 300 P S Pn 21 32 14.8 +0.6

TMBK Timbaki Heraki, 0.16 310 P S Pn 21 32 09.5 +0.8 TMBK Timbaki Heraki, 0.16 310 P S Pn 21 32 16.4 +1.8 KSTL Epine, 0.36 20 P Pn 21 32 12.6 +2.3

IACM Heraklion, 0.36 20 P Pn 21 32 11.7 +1.4 IACM Heraklion, 0.36 20 P S Pn 21 32 12.0 +3.7 HRKL Heraklio, 0.38 23 P S Pn 21 32 19.4 +1.1

HRKL Heraklio, 0.38 23 PG Pn 21 32 11.6 +1.1 NPS Neapolis, 0.64 62 AML AML 21 32 15.4 +1.8 NPS Neapolis, 0.64 62 AML AML 21 32 22.1

NPS Neapolis, 0.64 62 P S Pn 21 32 15.8 +2.3 NPS Neapolis, 0.64 62 P S Pn 21 32 26.7 +3.7 GVD Gavdos, 0.69 260 PG Pn 21 32 15.8 +1.6

GVD Gavdos, 0.69 260 PG Pn 21 32 16.0 +1.8 GVD Gavdos, 0.70 260 SG Pn 21 32 27.6 +3.5 GVD Gavdos, 0.70 260 Pn AML 21 32 30.3

GVD Gavdos, 0.70 260 Pn AML 21 32 34.9 GVD Gavdos, 0.70 260 P S Pn 21 32 15.2 +1.0 GVD Gavdos, 0.70 260 P S Pn 21 32 24.0 -0.2

GVD Gavdos, 0.70 260 PG Pn 21 32 15.7 +1.5 GVD Gavdos, 0.70 260 PG Pn 21 32 15.9 +1.5 VAM Vamos, 0.73 307 Pn AML 21 32 17.1 +2.3

VAM Vamos, 0.73 307 Pn AML 21 32 34.5 VAM Vamos, 0.73 307 Pn AML 21 32 38.6 VAM Vamos, 0.73 307 P S Pn 21 32 16.9 +2.1

VAM Vamos, 0.73 307 P S Pn 21 32 28.8 +3.7 IMMV Iera Moni Meta, 0.91 303 P Pn 21 32 19.9 +2.8 IMMV Iera Moni Meta, 0.91 303 Pn AML 21 32 36.3

IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +2.4 IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +4.2 IMMV Iera Moni Meta, 0.91 303 PG Pn 21 32 19.2 +2.1

STIA Sitia Lasithi, 0.99 76 Pn Pn 21 32 17.1 +3.6 ZKR Zakros, 1.07 82 Pn Pn 21 32 22.0 +2.8 ZKR Zakros, 1.07 82 Pn AML 21 32 41.8

ZKR Zakros, 1.07 82 Pn AML 21 32 47.6 ZKR Zakros, 1.07 82 P S Pn 21 32 22.1 +2.8 ZKR Zakros, 1.07 82 P S Pn 21 32 35.6 +2.4

ZKR Zakros, 1.07 82 PG Pn 21 32 19.9 +0.6 ZKR Zakros, 1.07 82 PG Pn 21 32 33.8 +0.5 SANT Santorini, 1.47 17 Pn Pn 21 32 25.1 +0.5

SWAZI 16 21:31:59.7±3.2, 34°94'N:24°95'E, h38km, 32km, mb3.7/8, mb1.3/8.16, mb1mx3.6/46, mbtmp3.9/16, ML3.9/6, MS2.4/1, Ms1.2/4.1, ms1mx2.1/40, Error ellipse: s-maj=22.9km s-min=17.2km az=128.0

HLW 16 21:32:00.9, 34°90'N:25°28'E, h20km, 19km, Md3.9, ATH 16 21:32:01.0, 35°01'N:24°94'E, h53km, 3km, ML3.5/6, Error ellipse: s-maj=6.2km s-min=2.5km az=177.0

ISK 16 21:32:00.3, 34°99'N:24°96'E, h4km, ML3.5/5, THE 16 21:32:02.5, 34°84'N:24°90'E, h40km, 2km, ML3.6/9, Error ellipse: s-maj=3.4km s-min=1.2km az=351.0

DDA 16 21:32:07.0, 35°22'N:25°31'E, h38km, 174km, MW3.7, ISC 16 21:32:00.5, 37°34'N:105°24'29E:0.03, h51km, 6km, n101, o282/119, mb3.8/3, Crete

SIVA Sivas, 0.10 300 P Pn 21 32 08.9 +0.4 SIVA Sivas, 0.10 300 P S Pn 21 32 15.4 +1.3 SIVA Sivas, 0.10 300 P S Pn 21 32 16.3

SIVA Sivas, 0.10 300 P S Pn 21 32 16.4 SIVA Sivas, 0.10 300 P S Pn 21 32 08.9 +0.4 SIVA Sivas, 0.10 300 P S Pn 21 32 14.8 +0.6

TMBK Timbaki Heraki, 0.16 310 P S Pn 21 32 09.5 +0.8 TMBK Timbaki Heraki, 0.16 310 P S Pn 21 32 16.4 +1.8 KSTL Epine, 0.36 20 P Pn 21 32 12.6 +2.3

IACM Heraklion, 0.36 20 P Pn 21 32 11.7 +1.4 IACM Heraklion, 0.36 20 P S Pn 21 32 12.0 +3.7 HRKL Heraklio, 0.38 23 P S Pn 21 32 19.4 +1.1

HRKL Heraklio, 0.38 23 PG Pn 21 32 11.6 +1.1 NPS Neapolis, 0.64 62 AML AML 21 32 15.4 +1.8 NPS Neapolis, 0.64 62 AML AML 21 32 22.1

NPS Neapolis, 0.64 62 P S Pn 21 32 15.8 +2.3 NPS Neapolis, 0.64 62 P S Pn 21 32 26.7 +3.7 GVD Gavdos, 0.69 260 PG Pn 21 32 15.8 +1.6

GVD Gavdos, 0.69 260 PG Pn 21 32 16.0 +1.8 GVD Gavdos, 0.70 260 SG Pn 21 32 27.6 +3.5 GVD Gavdos, 0.70 260 Pn AML 21 32 30.3

GVD Gavdos, 0.70 260 Pn AML 21 32 34.9 GVD Gavdos, 0.70 260 P S Pn 21 32 15.2 +1.0 GVD Gavdos, 0.70 260 P S Pn 21 32 24.0 -0.2

GVD Gavdos, 0.70 260 PG Pn 21 32 15.7 +1.5 GVD Gavdos, 0.70 260 PG Pn 21 32 15.9 +1.5 VAM Vamos, 0.73 307 Pn AML 21 32 17.1 +2.3

VAM Vamos, 0.73 307 Pn AML 21 32 34.5 VAM Vamos, 0.73 307 Pn AML 21 32 38.6 VAM Vamos, 0.73 307 P S Pn 21 32 16.9 +2.1

VAM Vamos, 0.73 307 P S Pn 21 32 28.8 +3.7 IMMV Iera Moni Meta, 0.91 303 P Pn 21 32 19.9 +2.8 IMMV Iera Moni Meta, 0.91 303 Pn AML 21 32 36.3

IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +2.4 IMMV Iera Moni Meta, 0.91 303 P S Pn 21 32 19.5 +4.2 IMMV Iera Moni Meta, 0.91 303 PG Pn 21 32 19.2 +2.1

STIA Sitia Lasithi, 0.99 76 Pn Pn 21 32 17.1 +3.6 ZKR Zakros, 1.07 82 Pn Pn 21 32 22.0 +2.8 ZKR Zakros, 1.07 82 Pn AML 21 32 41.8

ZKR Zakros, 1.07 82 Pn AML 21 32 47.6 ZKR Zakros, 1.07 82 P S Pn 21 32 22.1 +2.8 ZKR Zakros, 1.07 82 P S Pn 21 32 35.6 +2.4

ZKR Zakros, 1.07 82 PG Pn 21 32 19.9 +0.6 ZKR Zakros, 1.07 82 PG Pn 21 32 33.8

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

DDA 16:21:46:20.9, 37:31N-27:24E, h7km, 6km, ML1.5
ISK 16:21:46:12.4, 37:01N-26:69E, h17km, ML2.0/6,

Dodecanese Islands

Table listing stations in the Dodecanese Islands with columns for Code, Station Name, Frequency, Power, Modulation, and other details.

MAN 16:21:56:47.5, 13:31N-124:17E, h25km, MS4.1
MAN INTENSITY III - LEGASPI CITY; CABID-AN.

NEIC 16:22:00:39.7, 1.3, 38:15S:0.1, h92km, 8km,
mb4.2/23, Error ellipse: s-maj=18.4km s-min=14.0km

ISC 16:21:56:53.9, 0.5, 13:06N:0.04:123:96E:0.06, h35km, n73,
@195f/60, mb4.2/25, MS3.5/10, 5C-2D, Luzon

Large table listing various stations with columns for Code, Station Name, Frequency, Power, Modulation, and other details.

Table listing stations with columns for Code, Station Name, Frequency, Power, Modulation, and other details.

IDC 16:22:00:37.1, 0.7, 38:21S:93:60W, h0km, mb4.4/10,
mb1.4.6/11, mb1mx4.4/26, mbtmp4.4/11, ML3.8,1, MS3.9/19,

NEIC 16:22:00:39.7, 1.3, 38:15S:0.1, h10km, 14km,
mb4.7/137, Error ellipse: s-maj=19.2km s-min=17.1km

GCMT 16:22:00:39.7, 0.4, 38:14S:0.08:93:78W:0.07, h10km, n219,

ISC 16:22:00:38.0, 0.4, 38:14S:0.08:93:78W:0.07, h10km, n219,

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

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

Table of astronomical observations for 16d 22h, listing station names, coordinates, and observation details.

Main table of astronomical observations for 2015 JAN, including station names, coordinates, and observation details.

Table of astronomical observations for 732, listing station names, coordinates, and observation details.

Table with columns: BRTR, comp, E, 18nm, 0.3s, baz=273, slow=15, SNR=50, Lg, LR, 00 43 56.5. Includes stations like Keskin Array B, Marsite Statio, Salko-Yektirda, etc.

Table with columns: VSR, comp, 2.5, 0nm, 0.6s, pmax, pmax, 00 51 37.9. Includes stations like Vranov, Novokhoporskyk, Galich'ya Gora, etc.

Table with columns: RATU, Laukkuluspa, 0.24 274, P, S, Pg, 00 49 25.3 +0.3. Includes stations like Salmi, Nikkaluokta, Dundred, etc.

UPP 17 00:49:20.6:0.0, 67:82N:20:20E, hOkm, ML2.2, Explosion
IDC 17 00:49:21.5:1.1, 67:85N:20:87E, hOkm, mb 1.3, 5/4,
mb1mx3.1/41, mbtmp3.4/4, ML2.4/4, Error ellipse:
s-maj=16.7km s-min=7.6km az=110.0
KOLA 17 00:49:21.3, 68:40N:20:37E, hOkm, ML2.4, Sweden,
Lapland
HEL 17 00:49:21.3:0.0, 67:83N:20:19E, hOkm, ML2.1,
ML2.2(UPP), Explosion
ISC 17 00:49:20.3:0.7, 67:81N:0:03:20:23E:0:02, hOkm, n26,
c0588/37, Sweden

NEIC 17 01:04:17.5:0.7, 36:92N:0:04:98:02W:0:04, h6km, 5km,
Error ellipse: s-maj=6.4km s-min=4.1km az=198.0
ANF 17 01:04:17.6:0.3, 36:92N:98:06W, hOkm, ML3.8/8, Error
ellipse: s-maj=3.8km s-min=3.4km az=110.0
TUL 17 01:04:17.1:0.9, 36:93N:0:04:98:03W:0:04, h5km, 5km,
ML3.2, mb_Lg3.0/65(NEIC), Error ellipse: s-maj=6.1km
s-min=3.9km az=192.0
ISC 17 01:04:17.3:1.0, 36:93N:0:02:98:04W:0:03, h7km, 8km,
n80, c0578/73, Oklahoma

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like KAN14 Manchester OK, KAN10 Anthony SW Sta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SONM Songoing Array, TORAD Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKAR Malakanchi Array, AB31 Akbulak array, etc.

BUI 17 05:09:16.0,0.0,3.1766N:120.94E,h144km,mb5.2/60,mb5.1/84... MAN 17 05:09:17.8,1.3,89N:120.45E,h128km,MS5.1... KISR 17 05:09:18.8,3.0,6.44N:127.37E,h700km,999km...

NOU 17 04:41:48.4,34.57S,179.06W,h341km,mb4.2,South of Kermadec Islands... WEL 17 04:41:59.9,0.7,34.5S,179.1E,h10,h233km,13km...

IDC 17 04:57:55.9,7.7,22.47S,133.88W,h0km,mb4.1/3,mb1.4/1.3,mb1mx3.7/2.1,mbtmp.4/1.3,MS3.3/3,Ms1 3.2/3,ms1mx2.9/3.1,Error ellipse: s-maj=443.9km...

Triangular moment-rate function... NEIC 17 05:09:21.1,1.6,1.3,95N:102.70E,h133km,mb5.4... DJA 17 05:09:23.0,0.8,14.1N,142.1E,h163km,6km,MS.0/90...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waomatatini S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BDFB Brasilia, BOSA Boshof, TORAD Torodi Arr, etc.

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

IDC 17 05:00:28.4,0.6,3.04S,130.07E,h0km,mb4.2/1,mb1.4/1.3,mb1mx4.1/3.5,mbtmp.4/1.3,MS3.3/3,Ms1 3.2/3,ms1mx2.9/3.1,Error ellipse: s-maj=27.7km...

Code Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az2, Phase ID, Time, Res.

IDC 17 04:43:51.6,5.8,36.18N,70.35E,h167km,52km,mb3.3/5,mb1.3/1.0,mb1mx3.1/5.5,mbtmp.3.9/1.0,MS3.8/1,Ms1 3.8/1,ms1mx2.6/3.7,Error ellipse: s-maj=41.8km...

Code Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az2, Phase ID, Time, Res.

Code Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az2, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamme Wali, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DRO Drossia, UPC Ujice, ITM Ithomi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Aray, EVAR Sonseca Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, ARCES ARCES Array B, BRTR Keskin Array B, etc.

17d 8h

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

2015 JAN

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

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

NEIC 17 08:23:36.0t 1.6, 16:1'S:0.1x173.8W:0.1, h95km, 7km, mb4.6/30, Error ellipse: s-maj=16.6km s-min=14.3km az=151.0

IDC 17 08:23:37.5t 0.6, 16:11'S:173.90'W, h106km, 5km, mb4.4/17, mb1.4/5.18, mb1mx4.4/34, mbtmp4.7/18, MS3.3/3, Ms1.3/3.3, ms1mx2.9/31, Error ellipse: s-maj=19.3km s-min=10.9km az=141.0

NOU 17 08:23:37.3, 16:05'S:173.51'W, h132km, mb4.8, Tonga Islands

BGR 17 08:23:44.0t 0.0, 16:30'S:172.98'W, h32km

ISC 17 08:23:39.0t 0.4, 16:22'S:0.05x173.71'W:0.05, h79km, 3km, Islands

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

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like TWSI Taliwang, JAGI Jajag Banyuwa, PWJI Pagerwojo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like WATA Walderalm, KBA Koelbrenspers, MOTA Moosalm, etc.

IDC 17 08:30:07.42,0.5710S,23.79W,h0km,mb4.1/1, mb1 4.1/1, mb1mx3.723,mbtmp4.1/1, Error ellipse: s-maj=116.3km s-min=73.9km az=137.0, South

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Arr, YKA Yellowknife, SONM Songoing Array, etc.

IDC 17 08:47:38.12,0.825S,124.58E,h0km,mb3.4/1, mb1 3.8/3, mb1mx3.5/24,mbtmp3.6/3,ML3.8/2, Error ellipse: s-maj=284.6km s-min=32.0km az=58.0, Timor

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 17 08:59:06.81,3.1787S,167.81E,h0km,mb3.7/6, mb1 4.0/7, mb1mx3.8/30,mbtmp3.8/7,ML3.3/1,MS3.2/5, MS1 3.2/5,ms1mx2.8/45, Error ellipse: s-maj=39.0km s-min=26.5km az=145.0

NOU 17 08:59:08.7,17.935S,167.57E,h0km,MLV4.2, Vanuatu Islands

ISC 17 08:59:08.4,0.9,17.945S,0.066,167.77E,0.09,h10km,m20, a=148.17,mb3.9S,MS3.1/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, SAHW Sauru, LIFEN Lifeng, etc.

NEIC 17 09:07:50.9,2.4,24.07S,0.066,92W,0.09,h169km,5km, mb4.6/91,MD4.5(SJA), Error ellipse: s-maj=1.8km s-min=0.9km az=87.0

SJA 17 09:07:50.2,0.2,24.12S:67.13W,h201km5km,ML4.5, MW4.3

IDC 17 09:07:51.0,2.9,24.01S:66.92W,h169km,7km,mb4.0/12, mb4.2/18,mb1mx4.1/29,mbtmp4.5/18, Error ellipse: s-maj=13.5km s-min=10.4km az=30.0

VAO 17 09:07:52.1,0.2,23.98S:66.99W,h186km,mb4.8 GUC 17 09:07:53.0,0.5,23.81S:67.80W,h250km,22km,ML5.1

ISC 17 09:07:50.9,0.5,24.10S:0.046,67.13W,0.04,h171km,5km, n246,1168/283,mb4.5/46,5C,Chile-Antarctica border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Code Station Name, San Lorenzo, Lima Verde, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like PB03 IPOC Station P, PB03 IPOC Station P, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like PB10 IPOC Station P, PB10 IPOC Station P, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like PB03 IPOC Station P, PB03 IPOC Station P, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like AC02 Maricunga, AC02 Maricunga, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like AC01 Pan de Azucar, AC01 Pan de Azucar, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like AC01 Punta Patache, AC01 Punta Patache, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like GO03 Copiap, GO03 Copiap, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like GO01 Chusmiza, GO01 Chusmiza, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like CO03 El Pedregal, CO03 El Pedregal, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like TCA Tanti, TCA Tanti, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like RTCV Cerro Valdivia, RTCV Cerro Valdivia, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like CTA Charters Tower, CTA Charters Tower, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like STRA Stephens Creek, STRA Stephens Creek, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like ASAR South Pole Qui, ASAR South Pole Qui, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like ASAR Eielson Array, ASAR Eielson Array, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like IT0B Itaoti, IT0B Itaoti, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like AO02 Aquidauana, AO02 Aquidauana, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like BI02 San Fabin de, BI02 San Fabin de, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like CP5B Capacapa Do Su, CP5B Capacapa Do Su, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like ITAB Itaboraite, ITAB Itaboraite, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PARB Paraiabuna, G007 Milladeo Hill, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like TORD Torodi Ar. Bea, ISA Isabella, Lake, R11A Troy Canyon, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MCK baz=104,SNR=89, MCK baz=104, MCKinley, etc.

Table with columns: Station Name, Az, El, P, R, Time, Res. Includes stations like Fort Churchill, White River Ci, Lac du Bonnet, etc.

Table with columns: Station Name, Az, El, P, R, Time, Res. Includes stations like Geres Geres Array B, Warramunga Arr, Warramunga Arr, etc.

CRNET 17 09:42:06.3:0.1, 43:75N:69:42E, mb2.7
Error ellipse: s-maj=7.1km s-min=5.3km az=105.0,
Suspected Mining explosion.

SOME 17 09:42:06.5:43:65N:69:47E
ISC 17 09:41:48.9:4.6, 44:32N:01:68.7E:0.2, h0km, n18,
+110/22, 7C-7D, Central Kazakhstan

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Karatay Array, Terek-Say, Manas, etc.

Table with columns: Station Name, Az, El, P, R, Time, Res. Includes stations like Uzb Uzynbulak, Uzynbulak, Uzynbulak, etc.

UPA 17 09:52:28.3:1.9, 6:75N:82:36W, h13km, 12km, MW4.6
NEIC 17 09:52:29.4:0.7, 6:89N:0:07:82:40W:0.09, h10km, 2km,
mb4.5/7, Error ellipse: s-maj=18.8km s-min=5.6km
az=233.0
IDC 17 09:52:34.1:5.4, 7:96N:81:86W, h0km, mb3.75, mb1 4.1/7,
mb1mx3.8/0, mbmp3.8/7, ML3.8/2, MS3.2/8, Ms1 3.2/8,
ms1mx2.9/3/4, Error ellipse: s-maj=136.2km s-min=43.7km
az=16.0
UCR 17 09:52:42.1:1.6, 7:67N:82:99W, h5km, MW3.8,
mb4.5(NEIC)
ISC 17 09:52:29.2:0.9, 6:90N:0:06:82:34W:0:03, h10km, n92,
+124/109, mb4.0/8, MS3.1/5, 3C-6D, South of Panama

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like GMAL Guarumal, Vera, Remedios, Chir, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes stations like CDOITO Canoas, PTAR3 Potrerillos, PIRO Carate, Puerto, BCO2 Palmira, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes stations like HNR Honiara, CTA Charters Tower, PMG Port Moresby, etc.

ISC 17 09:57:16.2, 0.8, 18:05S:167:91E, h0km, mb4.2/11, mb1.4/4.13, mb1mx4.2/35, mbtmp4.3/13, ML4/2, MS3.9/4, Ms1.3/9.4, ms1mx3.4/31, Error ellipse: s-maj=24.5km s-min=17.9km az=131.0

ISC 17 10:01:19.0, 1.0, 18:03S:167:72E, h10km, n78, 15287/71, mb4.7/23, MS3.9/4, Vanuatu Islands

ISC 17 10:10:21.2, 0.4, 17:93S:167:75E, h0.06, h10km, n146, 152/113, mb4.8/36, MS4.1/34, 1C/D, Vanuatu Islands

Code Station Name Az, El, Pn, Res, Time, Res. Includes stations like DVP Devils Point, SANVU Sorooutou, LIFNC LIFOU, etc.

Table with columns: DZM, comp, LR, LR, 10 12 57.0, etc. Lists various station identifiers and their associated data points.

Table with columns: HHC, comp, LR, LR, 10 12 57.0, etc. Lists various station identifiers and their associated data points.

Table with columns: GSMY, Great Sitkin M, 3.01, 50, Pn, 10 22 12.1 +1.4, etc. Lists various station identifiers and their associated data points.

17 10:23:39.2±5.3, 7.83S; 123°91E, h151km, 59km, mb2.9/1, mb1 3.3/5, mb1mx3.1/27, mbtmp3.6/5, Error ellipse: s-maj=93.5km s-min=30.8km az=49.0

DJA 17 10:23:42.4±1.4, 8.5S; 10°12'4E, h171km, 12km, M3.4/6, mb3.7/1, MLV3.3/6

ISC 17 10:23:43.1±1.3, 8.3S; 0°12'19E, 0.1, h200km, n11, az=25°16, Flores region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC, Res. Lists station data for the Flores region.

17 10:37:45.4±2.8, 2.00N; 127°59E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.1/36, mbtmp3.2/3, Error ellipse: s-maj=232.0km s-min=28.7km az=67.0, Halmahera

WRA Warramunga Arr 22.79 163 P P 10 23 10.6 -1.2

ASAR Alice Springs 26.24 157 P P 10 23 11.7 -1.0

MKAR Makanchi Array 59.46 325 P P 10 23 13.7

TIR 17 10:53:30.1, 42°45N, 19°28E, h7km, 18km, Md2.9, Ml2.5

IASPEI 17 10:53:31.5±0.8, 42°43N, 0°02'19.30E, 0.02, h17km, 4km, Error ellipse: s-maj=3.0km s-min=2.0km az=50.5, GTS

RHSSO 17 10:53:31.9±0.4, 42°42N, 19°34E, h9km, 2km, ML2.3/9

ML2.4/12, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

BEO 17 10:53:32.0±0.7, 42°42N, 19°29E, h10km, ML2.3/6

ISC 17 10:53:31.7±0.6, 42°43N, 0°02'19.30E, 0.02, h17km, 4km

141°05'74/82, 15°S, ΔC, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC, Res. Lists station data for the Northwest Balkan Peninsula.

PKI comp=N, 1.7nm, 0.5s, baz=97 AMP

PUK comp=N, 0.9nm, 0.4s, baz=131 AMP

HCCY Herceg Novi 0.59 272 P P 10 53 42.4 -1.1

HCCY Herceg Novi 0.59 272 P P 10 53 42.4 -1.1

BRY Bratogost 0.73 310 P P 10 53 43.9 -0.9

BRY Bratogost 0.73 310 P P 10 53 43.9 -0.9

TREB Trebinje 0.76 293 P P 10 53 46.7 +0.3

TREB Trebinje 0.76 293 P P 10 53 46.7 +0.3

UPM Unac-Piva 0.82 340 P P 10 53 47.5 +1.0

UPM Unac-Piva 0.82 340 P P 10 53 47.5 +1.0

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UPM Unac-Piva 0.82 340 P P 10 53 47.5 +1.0

ARCES ARCESS Array B 117.56 346 PKP PKPdf 12.30 06.7 -0.7

LJU 17 12:23:59.7,46'06N,14'30E,h6km,ML0.2,2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vrh nad Dolci, Podkum, Podk, Viss, GBAS, etc.

IDC 17 12:25:55.2,1.5,39'53N,51'61E,h0km,mb3.6/5, mb1.3/7/10,mb1mx3.5/47,mbtm3.6/10,ML3.7/4,MS3.2/5, Ms1.3/2.5,ms1mx2.5/42,Error ellipse: s-maj=27.1km s-min=15.2km az=162.0

AZER 17 12:26:00.3,0.1,39'49N,51'50E,h37km,10km,ml3.4/30, Error ellipse: s-maj=11.9km s-min=1.5km az=280.0

ISC 17 12:25:59.0,2.6,39'50N,05'51'28E,0.06,h32km,19km, n47,c205/76,mb3.6/5,MS3.2/4,2C-1D,Caspian Sea

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NDR, GOBA, ALIB, GBS, etc.

IDC 17 12:45:25.6,1.2,37'83N,134'38E,h410km,17km,mb2.8/3, mb1.2/9/7,mb1mx2.6/43,mbtm3.5/7,Error ellipse: s-maj=28.1km s-min=20.9km az=56.0

JMA 17 12:45:31.2,0.2,37'57N,134'56E,h367km,ML3.1

ISC 17 12:45:25.3,1.0,37'9N,01'134'42E,0.10,h407km,n14,c1934/14,Sea of Japan

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

ISU 17 13:10:10,40'93N,69'39E,h10km,Hypocentre not reviewed by the ISC

KRNET 17 13:11:08.8,0.1,41'06N,69'12E,h35km,mb3.0

SOME 17 13:11:10.7,40'93N,69'62E,h5km

NMC 17 13:11:13.6,1.2,41'04N,69'61E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=9.9km s-min=7.1km az=13.0

ISC 17 13:11:12.5,1.1,41'05N,04'69'59E,0.04,h10km,n35,c248/53,17C-10D,Kyrgyzstan

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TAS, TASH, YNGY, etc.

Table with columns: TNSS, TNS, MDOK, MDOK, etc. Includes station names like Tian-Shan, Medeo, etc.

IDC 17 13:17:41.4,8.4,26'04S,28'94E,h0km,mb1.2/6/1, mb1mx2.6/31,mbtm2.6/1,ML2.3/1,Error ellipse: s-maj=90.9km s-min=57.3km az=141.0,South Africa

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Table with columns: Code, Station Name, Az, Az', P, Pn, Time, Res. Includes stations like POC Station P, IPOC Station P, San Lorenzo, etc.

Table with columns: Code, Station Name, Az, Az', P, Pn, Time, Res. Includes stations like TTSI Tana Toraja, MATI Mati, KAP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Az', P, Pn, Time, Res. Includes stations like QIZ comp=Z,300nm,5.2s, SSSI comp=Z,320nm,8.0s, etc.

BUI 17:07:32.80,0.0,23S,125.80E,h60km,mb5.1/35, mb4.7/56,Ms4.4/8,Ms7.4/19

NEIC 17:07:40.4,2.6,0.45N,102.08E,125.35E,0.0,0.05,h62km,8km, mb4.8/43,Error ellipse: s-maj=11.8km s-min=7.7km az=181.0

IDC 17:07:41.6,1.4,0.41N,125.28E,h72km,12km,mb4.3/25, mb1.4/43,mb1mx4.4/33,mbtmp4.6/30,MS3.5/13, Ms1.3/13,ms1mx3.3/32,Error ellipse: s-maj=12.5km s-min=8.4km az=74.0

GCMT 17:07:41.3,0.3,0.53N,102.02E,125.21E,0.02,h66km,4km, MW4.9/58,Moment Tensor Solution, s29,c29; s58,c78; Duration: 0 Moment tensor: Scale 10^19Nm, Mrr=0.14,-14; Mtt=2.5,-11; Mss=2.6,-12; Mxy=0.30,-11; Mxz=0.64,-12; Myx=0.81,-12; Best double couple: M2 75500,1016; NP1=40.00000, 875.00000, 1.7.00000; NP2: 0.308,00000, 883.00000, 1.165.00000; Principal axes: T 2.9250,Plg15.00000; Azm623.00000; N -0.3440,Plg74.00000; Azm104.00000; P -2.5860,Plg5.00000; Azm355.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 17:07:42.0,0.2,1.2N,2.12E, h79km,2km, M5.1/58, mb5.1/58,mb5.5/27,MLV5.4/23,MW(mv)5.0/27, Mw(mv)=4.0/14,Msps=0.1

KLM 17:07:44.0,0.47N,125.66E,h95km,mb5.0, ISC 17:07:41.8,0.3,0.44N,102.45E,125.35E,0.04,h73km,n243, s=179/266,mb4.7/72,3-C2D,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', P, Pn, Time, Res. Includes stations like KMSI Cibinong, TNTI Ternate, GTOI Gorontalo, etc.

Table with columns: Code, Station Name, Az, Az', P, Pn, Time, Res. Includes stations like LEM comp=Z,121nm,18.7s,baz=74,slow=36, CISI Cisometp, Ar, 19.20 245 P, etc.

Table with columns: Code, Station Name, Az, Az', P, Pn, Time, Res. Includes stations like LZHZ Lanzhou, LZZH Lanzhou, LZZH Lanzhou, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like RAMN Ramite, JKA Kamikawa-asahi, GUMBA Gumba, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like NACGM Buacovina Array, BURAR Buacovina, C36M Buacovina, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like KOLS Kolomec sedl, BOSHA Boshof, YKA Yellowknife Arr, etc.

IDC 17 16:42:24.5:2.5, 6.83S:130.67E, h45km, 39km, mb2.9/1, mb1 3.3/5, mb1mx3.2/30, mbtmp3.3/5, ML3.1/4, Error ellipse: s-maj=79.0km s-min=25.1km az=91.0, Bando Sea

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like SIJI Sorong, SIJI Warramunga Arr, FITZ Fitzroy Crossi, etc.

IDC 17 17:02:00.1:0.7, 9.35S:158.48E, h0km, mb4.0/12, mb1 4.2/14, mb1mx4.0/32, mbtmp4.0/14, ML4.3/2, MS3.1/7, Ms1 3.1/7, ms1mx2.9/27, Error ellipse: s-maj=21.3km s-min=15.4km az=165.0

NEIC 17 17:02:05.2:1.5, 9.45S:0.1:158.49E:0.07, h42km, 2km, mb4.6/20, Error ellipse: s-maj=15.2km s-min=10.2km az=164.0

ISC 17 17:02:04.3:0.5, 9.39S:0.09, 158.50E:0.06, h30km, n52, 0.89/40, mb4.4/28, MS3.0/6, Bougainville-Solomon Islands region

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like HNR Honiara, HNR Warramunga Arr, HNR Port Moresby, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like SANVU Sanvun, PMG Port Moresby, PMG Charters Tower, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like WRO Warramunga Arr, WBO Warramunga Arr, WBO Tennant Creek, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, GUMO Guam, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like STKA Stephens Creek, STKA Stephens Creek, ASAS1 Alice Springs, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like ASAR Alice Springs, HIZ Hautiti, JMN Monobe, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like JMW Wachi, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like KRSR Korea Array, KRSR Korea Array, PETK Petropavlovsk, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like ZALV Zalesovo Beam, NVAR Mina Array Bea, PDAR Pinedale Array, etc.

TAP 17 17:24:09.5, 22.84N:120.64E, h19km, ML1.7, 3C, B, Taiwan

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like Code Station Name, SSD Sandimen, SSD Sandimen, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TSMG Majia, TSMG Majia, TSMG Majia, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like SCST Cishan, SLGT Liuguu, SLGT Liuguu, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TSMG Majia, TSMG Majia, TSMG Majia, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TSMG Majia, TSMG Majia, TSMG Majia, etc.

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Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TSMG Majia, TSMG Majia, TSMG Majia, etc.

Table with columns: Station Name, Time, Res, ISC, and other parameters. Includes stations like Herat, Paulatuk, Dease Lake, Kingsbay, etc.

ISC 17 18:40:00.2±0.8, 23.14N, 120.56E, h0km, mb3.8/10, m1 3.9/11, mb1mx3.7/54, mbtmp3.7/11, MS2.9/2, Ms1 3.0/2, ms1mx2.5/48, Error ellipse: s-maj=45.0km s-min=17.2km az=66.0

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, and other parameters. Includes stations like Nanshi, Taupu, Tainan City, etc.

Table with columns: SSSLB, Suanglung, Time, Res, ISC, and other parameters. Includes stations like Suanglung, Yuli, Taitung, etc.

WVT	Waverly	62.58 338	P	P	18 51 11.5 -1.5
WVT	Waverly	62.58 338	P	P	18 51 11.7 -1.3
WVT	Waverly	62.58 338	P	P	18 51 11.5 -1.5
Q57A	Strasburg	62.61 347	P	P	18 51 13.7 +0.6
P59A	Jarrettsville	62.77 348	P	P	18 51 14.7 +0.5
Q56A	Snyder Ridge	62.78 346	P	P	18 51 14.9 +0.6
R53A	Hurricane	62.79 343	IAMB	IAMB	18 51 15.4
P58A	Pank, Wackersv	62.82 348	P	P	18 51 14.7 +0.2
P60A	Greenville	62.82 349	P	P	18 51 14.4 -0.1
061A	Allentown	62.92 350	P	P	18 51 15.2 +0.2
P57A	Homestead Farm	62.95 347	P	P	18 51 16.1 +0.8
P57A	Homestead Farm	62.95 347	P	P	18 51 15.9 +0.6
Z38A	Mt. Pleasant	63.00 330	IAMB	IAMB	18 51 17.4
X40A	Basin Creek Fa	63.08 333	P	P	18 51 15.5 -0.8
WHTX	Lake Whitney	63.14 328	P	P	18 51 16.9 +0.1
WHTX	Lake Whitney	63.14 328	IAMB	IAMB	18 51 18.1
P56A	Dayton Farm, R	63.15 346	P	P	18 51 17.2 +0.5
JCT	Junction City	63.15 325	P	P	18 51 16.6 -0.3
JCT	Junction City	63.15 325	P	P	18 51 17.1 +0.2
JCT	Junction City	63.15 325	P	P	18 51 16.6 -0.3
JCT	Junction City	63.15 325	IAMB	IAMB	18 51 18.2
Q53A	Leroy	63.17 344	P	P	18 51 17.7 -0.1
GNAR	Gosnell	63.23 336	P	P	18 51 16.9 -0.3
060A	Telford	63.27 350	P	P	18 51 17.6 +0.2
058A	Lewisberry	63.36 348	P	P	18 51 18.3 +0.3
059A	Robeson	63.40 349	P	P	18 51 18.4 +0.2
R50A	Paris	63.40 341	P	P	18 51 17.3 -1.0
R50A	Paris	63.40 341	IAMB	IAMB	18 51 18.9
W41B	Gary Mavity, V	63.43 334	P	P	18 51 17.6 -0.8
MIAR	Mount Ida	63.45 332	P	P	18 51 18.1 -0.5
MIAR	Mount Ida	63.45 332	IAMB	IAMB	18 51 19.3
Q52A	Bidwell	63.46 343	IAMB	IAMB	18 51 19.5
BRNJ	Basking Ridge	63.49 350	P	P	18 51 19.7 +0.9
LIC	Lamto	63.50 71	eP	P	18 51 18.3 -1.1
N61A	South Mountain	63.52 351	P	P	18 51 19.4 +0.4
MCWV	Mont Chateau	63.52 346	P	P	18 51 19.4 +0.4
WHAR	Woolly Hollow	63.53 334	P	P	18 51 18.3 -0.9
057A	Amberson	63.58 348	P	P	18 51 20.0 +0.6
PIC	Toumoudi	63.70 70	eP	P	18 51 19.7 -1.1
T53A	Whipple	63.73 344	pP	pP	18 53 14.7 +1.7
PARMO	Parma	63.75 336	P	P	18 51 19.8 -0.7
N60A	Cedar Hill Far	63.76 350	P	P	18 51 20.5 0.0
LCAR	Lake Charles	63.76 335	IAMB	IAMB	18 51 21.0
WSPT	Westport, CT	63.79 351	IAMB	IAMB	18 51 21.1
K1C	Kosan Boka	63.81 71	eP	P	18 51 20.4 -1.6
Q51A	Peebles	63.81 343	IAMB	IAMB	18 51 21.6
056A	Blue Knob Stat	63.83 347	P	P	18 51 21.5 +0.5
056A	Blue Knob Stat	63.83 347	IAMB	IAMB	18 51 22.7
DBIC	Dimbokro	63.86 70	P	P	18 51 21.6 -0.1
DBIC	Dimbokro	63.86 70	pP	pP	18 53 14.8 +1.1
DBIC	Dimbokro	63.86 70	P	P	18 59 13.8 -0.4
DBIC	Dimbokro	63.86 70	P	P	18 51 21.5 -0.2
DBIC	Dimbokro	63.86 70	pP	pP	18 51 21.5 -0.2
HPIG	HPIG	63.90 318	IAMB	IAMB	18 51 22.2 +0.3
HPIG	HPIG	63.90 318	IAMB	IAMB	18 51 23.8
N59A	State Game Lan	63.92 349	P	P	18 51 21.8 +0.2
M61A	Granite Spring	63.99 351	P	P	18 51 21.9 0.0
FCAR	Ozark Fork Cen	63.99 334	IAMB	IAMB	18 51 22.3
M62A	Hamden	64.00 352	P	P	18 51 22.1 +0.2
N58A	Sunbury	64.01 349	P	P	18 51 22.4 +0.4
N58A	Sunbury	64.01 349	IAMB	IAMB	18 51 23.7
SSPA	Standing Stone	64.04 348	P	P	18 51 22.6 +0.4
SSPA	Standing Stone	64.04 348	P	P	18 51 22.3 +0.1
SSPA	Standing Stone	64.04 348	IAMB	IAMB	18 51 23.8
P52A	Corning	64.06 344	P	P	18 51 22.1 -0.4
N57A	Milroy	64.09 348	P	P	18 51 22.9 +0.3
W39A	Magazin	64.09 332	P	P	18 51 22.8 0.0
W39A	Magazin	64.09 332	IAMB	IAMB	18 51 24.0
M60A	Port Jarvis	64.13 350	P	P	18 51 22.9 0.0
P51A	Williamsport	64.16 343	IAMB	IAMB	18 51 23.6
NVL	N'Azarevskaya	64.24 159	pP	pP	18 51 22.6 -0.5
NVL	N'Azarevskaya	64.24 159	eS	eS	18 53 15.2 -0.1
NVL	N'Azarevskaya	64.24 159	pP	pP	18 59 15.8 -1.1
L64A	Midleborough	64.25 354	P	P	18 51 23.7 +0.2
L63A	North Scituate	64.26 353	P	P	18 51 23.8 +0.2
L63A	North Scituate	64.26 353	IAMB	IAMB	18 51 24.9
X37A	Clayton	64.28 331	P	P	18 51 23.9 0.0
X37A	Clayton	64.28 331	IAMB	IAMB	18 51 25.6
N56A	West Decatur	64.39 347	P	P	18 51 24.9 +0.4
053A	New Philadelphia	64.41 345	P	P	18 51 24.6 0.0
053A	New Philadelphia	64.41 345	IAMB	IAMB	18 51 25.7
TXAR	Lajitas Array	64.44 321	P	P	18 51 25.3 +0.1
TXAR	Lajitas Array	64.44 321	P	P	18 51 24.6 -0.6
SL5S	Sierra La Lagu	64.47 312	P	P	18 51 26.4 +1.0
M59A	Waymar	64.47 350	P	P	18 51 25.2 +0.2
M58A	Price's Panora	64.48 349	P	P	18 51 25.6 +0.5
S44A	Carbondale	64.48 337	IAMB	IAMB	18 51 24.9
SIUC	Southern Illin	64.49 337	IAMB	IAMB	18 51 25.0
M57A	Sunshine Farm	64.57 348	P	P	18 51 26.1 +0.5
T42A	Van Buren	64.58 335	P	P	18 51 24.3 -1.5

P49A	Miami Univ. Ec	64.68 342	P	P	18 51 25.4 -0.9
P49A	Miami Univ. Ec	64.68 342	IAMB	IAMB	18 51 26.5
U40A	Yellville	64.69 334	P	P	18 51 25.9 -0.7
U40A	Yellville	64.69 334	IAMB	IAMB	18 51 27.1
L60A	Shokan	64.72 351	P	P	18 51 27.0 +0.4
ABTX	Ablene, Hawle	64.75 326	P	P	18 51 26.9 -0.1
ABTX	Ablene, Hawle	64.75 326	IAMB	IAMB	18 51 28.1
N54A	Moraine State	64.80 346	P	P	18 51 27.5 +0.4
N54A	Moraine State	64.80 346	IAMB	IAMB	18 51 28.7
P48A	Milroy	64.82 341	IAMB	IAMB	18 51 27.1
ACSO	Alum Creek Sta	64.84 343	P	P	18 51 26.9 -0.5
ACSO	Alum Creek Sta	64.84 343	IAMB	IAMB	18 51 28.1
N53A	Lisbon	64.85 345	IAMB	IAMB	18 51 28.7
HRV	Adam Dzewiosk	64.89 353	P	P	18 51 27.5 -0.1
BLO	Bloomington	64.89 340	IAMB	IAMB	18 51 28.0
M56A	Emporium	64.92 348	P	P	18 51 27.9 +0.1
M56A	Emporium	64.92 348	IAMB	IAMB	18 51 29.1
L61B	Northampton	64.96 352	P	P	18 51 27.4 -0.6
LPIG	La Paz	64.99 312	P	P	18 51 29.3 +0.7
M55A	Ridgway	65.02 347	IAMB	IAMB	18 51 29.9
L58A	Harry Jones Me	65.03 350	P	P	18 51 28.9 +0.4
L59A	Walton	65.04 350	P	P	18 51 28.9 +0.3
K63A	Dunstable	65.06 353	P	P	18 51 28.5 -0.1
HHAR	Hobbs	65.08 333	IAMB	IAMB	18 51 29.6
K62A	Royalston	65.12 353	P	P	18 51 29.1 +0.1
MGMO	Mountain Grove	65.15 335	IAMB	IAMB	18 51 30.1
L57A	Andrews Acres	65.16 349	P	P	18 51 29.5 +0.2
049A	Covington	65.17 342	IAMB	IAMB	18 51 29.8
BINY	Binghamton	65.20 350	P	P	18 51 29.9 +0.3
BINY	Binghamton	65.20 350	IAMB	IAMB	18 51 31.7
M54A	Oil Creek Stat	65.25 346	P	P	18 51 30.0 +0.1
M54A	Oil Creek Stat	65.25 346	IAMB	IAMB	18 51 31.1
K61A	Williamstown	65.25 352	P	P	18 51 30.2 +0.3
K60A	Five Rivers En	65.29 351	P	P	18 51 30.8 +0.7
N51A	Ashland	65.33 344	IAMB	IAMB	18 51 31.1
TRY	Troy	65.37 351	IAMB	IAMB	18 51 32.2
U38A	Sherman	65.41 333	P	P	18 51 30.2 -0.8
U38A	Gravette	65.41 333	IAMB	IAMB	18 51 31.8
M53A	Wl Miller and	65.41 346	P	P	18 51 30.9 0.0
M53A	Wl Miller and	65.41 346	IAMB	IAMB	18 51 32.2
L56A	Greenwood	65.42 348	IAMB	IAMB	18 51 32.4
W35A	Tecumseh	65.44 330	P	P	18 51 30.3 -1.0
Q44A	Meyer Farm, Va	65.48 338	IAMB	IAMB	18 51 30.8
ALLY	Allegny Colls	65.49 346	IAMB	IAMB	18 51 32.6
P46A	Rosedale	65.52 340	IAMB	IAMB	18 51 31.5
CCM	Cathedral Cave	65.53 336	P	P	18 51 30.6 -1.2
CCM	Cathedral Cave	65.53 336	pmax	pmax	18 51 30.6 -1.2
CCM	Cathedral Cave	65.53 336	P	P	18 51 30.8 -0.9
CCM	Cathedral Cave	65.53 336	IAMB	IAMB	18 51 30.6 -1.2
TUL1	Leonard	65.58 331	P	P	18 51 32.0 -0.1
TUL1	Leonard	65.58 331	IAMB	IAMB	18 51 33.1
K59A	Cooperstown	65.58 351	P	P	18 51 32.4 +0.4
J62A	Heniker	65.62 353	P	P	18 51 32.6 +0.5
K58A	Earlville	65.70 350	P	P	18 51 33.1 +0.4
K58A	Earlville	65.70 350	IAMB	IAMB	18 51 34.2
L53A	Girard	65.81 346	P	P	18 51 33.4 0.0
K57A	Scioto Center	65.81 349	P	P	18 51 33.3 -0.1
N49A	Columbus Grove	65.81 343	IAMB	IAMB	18 51 34.0
J61A	Chester	65.83 352	P	P	18 51 33.8 +0.3
J61A	Lant Hill Farm	65.84 352	P	P	18 51 33.9 +0.4
WVNY	West Valley, N	65.89 347	IAMB	IAMB	18 51 35.4
ERPA	Erle	65.90 346	P	P	18 51 34.1 +0.2
K56A	Middlesex	65.92 349	P	P	18 51 34.0 -0.1
M50A	Fremont	65.96 344	IAMB	IAMB	18 51 35.0
WMOK	Wichita Moun	66.01 328	P	P	18 51 34.5 -0.3
WMOK	Wichita Moun	66.01 328	IAMB	IAMB	18 51 36.3
I64A	Boothbay	66.10 355	P	P	18 51 35.4 +0.4
R40A	Maddies Statio	66.13 335	IAMB	IAMB	18 51 35.6
FI1N	Lafayette	66.17 340	P	P	18 51 34.5 -1.1
N47A	Urbana	66.21 341	pP	pP	18 53 30.4 +0.7
J59A	Piesco	66.21 351	P	P	18 51 36.4 +0.5
J59A	Piesco	66.21 351	IAMB	IAMB	18 51 37.4
I62A	Tamworth	66.21 354	P	P	18 51 36.3 +0.5
J58A	Remsen	66.22 350	P	P	18 51 36.1 +0.1
J58A	Remsen	66.22 350	IAMB	IAMB	18 51 37.2
I63A	Remsen	66.31 354	P	P	18 51 37.3 +0.9
I61A	Oroboro, Fairl	66.37 353	P	P	18 51 37.4 +0.6
J56A	Wolcott	66.40 349	P	P	18 51 36.7 -0.3
O44A	Mansfield	66.41 339	IAMB	IAMB	18 51 36.8
I60A	Shoreham	66.41 352	P	P	18 51 37.3 +0.3
I59A	Olmsteadville	66.44 352	P	P	18 51 37.5 +0.3
I58A	Old Forge	66.50 351	P	P	18 51 37.8 +0.2
LBNH	Lisbon	66.64 353	P	P	18 51 39.2 +0.7
H65A	Eastbrook	66.77 356	P	P	18 51 39.5 +0.3
H64A	Troy	66.78 355	P	P	18 51 39.7 +0.4

H66A	Whiting	66.81 357	P	P	18 51 39.8 +0.3
L48A	N Adams	66.83 343	IAMB	IAMB	18 51 40.0
I57A	Carthage	66.84 350	P	P	18 51 39.9 +0.2
H63A	New Sharon	66.87 355	P	P	18 51 40.5 +0.7
H62A	Milan	66.89 354	P	P	18 51 40.5 +0.5
H61A	Lyndonville	66.93 353	P	P	18 51 40.8 +0.5
AAM	Ann Arbor	66.96 344	P	P	18 51 40.0 -0.4
AAM	Ann Arbor	66.96 344	IAMB	IAMB	18 51 41.0
H60A	Morristown	67.05 353	P	P	18 51 41.3 +0.3
HDIL	Hopedale	67.05 339	P	P	18 51 40.0 -1.1
PECO	Prince Edward	67.06 349	IAMB	IAMB	18 51 42.1
H58A	Gabriels	67.09 351	P	P	18 51 41.3 0.0
K50A	Casco	67.14 345	IAMB	IAMB	18 51 41.9
MNTX	Cornudas Mount	67.18 322	P	P	18 51 41.6 -0.5
MNTX	Cornudas Mount	67.18 322	IAMB	IAMB	18 51 42.9
H59A	Cadyville	67.25 352	P	P	18 51 42.4 +0.2
G63A	Kingsbury	67.28 355	P	P	18 51 42.7 +0.3
LONY	Lake Ozonia	67.35 351	P	P	18 51 43.1 +0.3
LONY	Lake Ozonia	67.35			

JMA 17 19:52:44.6:0.1,22.98N,121.57E,h30km,4km,M3.3
TAP 17 19:52:46.1,23.04N,121.47E,h39km,ML3.6,C
ISC 17 19:52:46.1-0.9,23.00N,0.02-0.121.53E,0.02,h33km,5km,
n127,σ19/03/207,3C-13D,Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CHK1 Chengkung, EDH Donghe, FULB Fuli, etc.

Table with columns: CHN3, CHN3, TWD, TYC, WJS, CHGB, CHN2, WGK, SNJT, SNJT, CHY, WPL, WDLH, WHF, DPDB, WNT, WNT, NACB, NACB, WNT1, ET LH, ICHU, WLBG, WLBG, HEN, WLCH, WLCH, TWKBT, TWKBT, TWK1, WTK, WTK, CHN8, CHN8, FUSS, FUSS, WWF, WWF, TWT, TDCB, WSF, WSF, WHP, WHP, TCU, TCU, RNLB, WCHH, NNSB, NNSH, ENA, NNS, TWQ1, TWQ1, WDJ, WDJ, WHP, WHP, NSY, NSY, NSD, NSD, TWC, TWC, TWC, ENT, YHNB, YHNB, NMLH, NMLH, NSK, NSK, NSK, TWE, TWE, TWE, WDG, WDG, NWLT, NWLT. Lists stations like Shinhua, Chienan, Yuch, etc.

Table with columns: HSN1, NTC, PHUB, PNG, JYNG, JYNG, TATO, TIPB, YOJ, YOJ, YOJ, TWB1, NWF, WFSB, TWS1, YM01, YM04, YM10, YM11, YM03, ANP, YM08, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JWUC, JIJ, JIJ, PTTC, PTM2, JISG, JISG, KNMB, JTJ, JTJ, MATB, MHZO, JMJ. Lists stations like Hsinchu, Toucheng, Penghu, etc.

ARE 17 20:18:28.2:5,12.2S,0.2:76.1W,0.1,h121km,9km,ML4.3,
Error ellipse: s-maj=28.2km s-min=14.5km az=213.0
NEIC 17 20:18:29.1:0.8,12.0S,0.2:75.7W,0.2,h61km,71km,
Error ellipse: s-maj=33.2km s-min=18.7km az=52.0,
Central Peru

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like NNA, NNA, PB16, NMMC, PSCG, GO01, TAO1, PB08, PATCX, PB10, OTAV. Lists stations like Nana, IPOC Station P, etc.

JMA 17 20:37:15.9:0.2,22.77N,121.41E,h22km,M3.3
TAP 17 20:37:18.2,22.86N,121.29E,h17km,ML3.3,C
ISC 17 20:37:17.9:0.9,22.82N,0.02-121.37E,0.02,h21km,1km,
n111,σ19/12/216,Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like EDH, EDH, LDUT, LDUT, TTN, TTN, LONT, LONT, TWGBT, TWGBT, TWG, TWG, TWG, CHKT, CHKT, FULB, FULB, ECL, ECL, ECL, ELDTW, ELDTW, EYUL, EYUL, EYUL, TWF1, TWF1, YULB, YULB, YULB, TAW, TAW, EAST, EAST, EAST, STYT, STYT, STYT, HGSD, HGSD, TSMG, TSMG. Lists stations like Donghe, Ludao, Taitung, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like TSMG, SSD Sandimen, EHY Hungye, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like TYC, WLGFB Puzi, CHN8 Yiju, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like YM10, HATJ, IRIF, etc.

IDC 17 20:40:53.2+1.1, 17:17:53:39.54E, h0km, mb3.7/9, mbl 3.0/5, mblmx2.8/38, mbtmp3.2/5, Error ellipse: s-maj=26.1km s-min=20.9km az=151.0

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like ZOMB, OPO, ABPO, etc.

IDC 17 20:58:13.5+3.1, 6:75S:129.78E, h89km, 43km, mb2.7/1, mbl 3.0/5, mblmx2.8/38, mbtmp3.2/5, Error ellipse: s-maj=76.0km s-min=24.6km az=91.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like SIJI, FITZ, WRA, etc.

IDC 17 21:03:02.3+7.2, 0:60N: 124.73E, h163km, 73km, mb3.2/6, mbl 3.3/8, mblmx3.0/53, mbtmp3.7/8, MS3.8/1, Ms1 3.8/1, ms1mx2.4/18, Error ellipse: s-maj=56.8km s-min=18.4km az=70.0

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like JAY, FITZ, WRA, etc.

AUST 17 21:30:35.9+0.5, 31:96S:138:63E, h0km, Error ellipse: s-maj=4.7km s-min=4.1km az=66.0

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like NOU, AUSTRALIA, etc.

Table with columns: HTT, Hallett, 1.53 179 P, Pg, 21 31 04.1 +0.8, etc.

SNET 17 21:35:52.4±1.5, 13°10'N-89°52'W, h22km, 14km, ML4.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

DJA 17 21:45:34.6±0.5, 4°S, 4°12'9E, h193km, 6km, M3.6/6

ICD 17 21:45:42.8±3.9, 4°6'S-129°28'E, h297km, 44km, mb2.7/1

ISC 17 21:45:32.8±1.0, 4.54S-106.07W, h200km, n8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 17 21:54:20.4±1.4, 45°92'N-106°99'W, h0km, mb1.3/1/3

NEIC 17 21:54:22.7±1.6, 45°85'N-103°106'71W, h0km, 2km

ISC 17 21:54:20.3±1.0, 45°98'N-106°65'W, h0km, n24

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ISK 17 22:18:22.9, 36°48'N-27°44'E, h6km, ML3, 1/16

NIC 17 22:18:23.0±0.0, 36°51'N-27°46'E, h8km, 2km, M3.8/2

DDA 17 22:18:23.0, 36°49'N-27°43'E, h23km, 4km, ML2.9/2

THE 17 22:18:23.2, 36°49'N-27°49'E, h1km, 1km, ML2.9/3

ISC 17 22:18:24.1±1.1, 36°49'N-02°27'44E±0.02, h19km, 2km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ISC 17 22:28:55.3±1.2, 22°94'S-112°08'W, h0km, mb4.3/7

NEIC 17 22:28:57.1±1.1, 22°93'S-112°07'0±0.2, h10km, 1km

ISC 17 22:28:56.7±0.8, 23°05'N-112°11'W, h0.1, h10km, n79

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 17 22:34:38.4±1.1, 5°59'S-147°16'E, h188km, 10km, mb3.7/18

ISC 17 22:34:39.1±0.4, 5°60'S-147°15E±0.07, h195km, n58

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: TA01, Diego Aracena, 38.91 95 P, Iamb, P, 22 36 23.5 +0.7

Table with columns: PB07, IROC Station P, 38.97 97 P, Iamb, P, 22 36 24.2 +0.7

Table with columns: PLCA, Paso Flores, 39.08 127 LR, LR, 22 48 47.4

Table with columns: ZON, IROC Station P, 39.54 97 P, Iamb, P, 22 36 28.9 +0.6

Table with columns: LVC, Limon Verde, 39.71 98 P, P, 22 36 30.0 0.0

Table with columns: SRIG, Santa Rosalia, 49.97 360 P, P, 22 37 50.1 -0.9

Table with columns: TXAR, Lajas Array, 52.61 9 P, Iamb, P, 22 38 11.4 +0.5

Table with columns: CBX, Cerro Bola, 55.12 355 P, P, 22 38 30.0 +0.7

Table with columns: DR12, Loma Pena Alta, 58.83 49 P, P, 22 38 56.0 +0.2

Table with columns: BDFB, Brasilia, 60.52 96 P, Iamb, P, 22 39 07.0 -0.8

Table with columns: PV20, West Nyswonger, 61.03 3 P, P, 22 39 10.1 -0.7

Table with columns: PDAR, Pinedale Array, 65.43 2 P, P, 22 39 38.9 -1.0

Table with columns: MFID, Camas Ranch, 66.12 357 P, Iamb, P, 22 39 44.2 0.0

Table with columns: VDA, Vanda, 66.91 194 LR, LR, 23 02 53.8

Table with columns: SIT, Sitka, 82.06 347 P, P, 22 41 18.5 +1.7

Table with columns: H112, WAKE ISLAND HY 89.33 290 T, T, 00 20 50.7

Table with columns: MAW, Maxwell, 89.64 178 LR, LR, 23 18 35.6

Table with columns: KTH, Kantishna Hill, 91.44 344 P, P, 22 42 02.2 -0.5

Table with columns: SONM, Songino Array, 140.59 319 PKP, PKP, 22 48 25.5 -1.1

Table with columns: ELL, Elmali, 144.53 58 PKP, PKP, 22 48 33.9 0.0

Table with columns: BR21, Keskin MP Array, 145.86 52 PKP, PKP, 22 48 36.2 -0.7

Table with columns: ZALV, Zalesovo Beam, 146.51 342 PKP, PKP, 22 48 36.5 +0.1

Table with columns: ZALV, Zalesovo Beam, 146.51 342 PKP, PKP, 22 48 36.5 +0.1

Table with columns: BRVK, Keskin Array B, 146.54 52 PKP, PKP, 22 48 38.8 +0.1

Table with columns: CMAR, Chiang Mai Array, 150.66 267 PKP, PKP, 22 48 50.2 -0.3

Table with columns: CMAR, Chiang Mai Array, 150.66 267 PKP, PKP, 22 48 50.2 -0.3

Table with columns: HNR, Honiara, 13.24 107 P, P, 22 37 39.7 -0.2

Table with columns: WBO, Warramunga Arr, 18.77 220 P, Iamb, P, 22 38 49.9 +1.2

Table with columns: WBO, Warramunga Arr, 18.77 220 P, Iamb, P, 22 38 49.9 +1.2

Table with columns: WRA, Warramunga Arr, 18.94 220 P, Iamb, P, 22 38 46.9 +1.4

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WSAR, TLCR, AAA, SMDO, TNS, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MNK, LOT, SAANT, KLMM, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WMQ, JAVC, WMQ, WMQ, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Az, El, P, S, SNR. Includes stations like EDW2, MVCO, 121A, DUG, NVAR, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Az, El, P, S, SNR. Includes stations like MDOK, DDI, BTLS, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Az, El, P, S, SNR. Includes stations like HYB, ZAAO, ZALV, etc.

IDC 1723:30:13.8, 1.9, 36:01N:69:74E, h107km, 16km, mb4.0/37, mb1.4, 1/42, mb1mx4.0, 5/59, mbtm4.4/42, MS2.8/2, Ms1.2, 8/2, ms1mx2.4/44, Error ellipse: s-maj=1.9km s-min=7.9km az=20.0

NNC 1723:30:15.0, 1.7, 36:74N:69:31E, h0km, mb5.3, mpv5.4, Error ellipse: s-maj=18.0km s-min=8.2km az=158.0

MOS 1723:30:15.6, 1.1, 36:26N:69:86E, h130km, mb4.5/22, Error ellipse: s-maj=5.2km s-min=3.7km az=82.8

NEIC 1723:30:17.1, 2.2, 36:24N:0:06, 69:67E, 0:08, h134km, 6km, mb4.4/59, Error ellipse: s-maj=10.0km s-min=7.4km az=121.0

BUI 1723:30:17.7, 0.0, 36:33N:69:90E, h134km, mb4.8/20, mb4.5/29

ISC 1723:30:15.4, 3.3, 36:24N:0:03, 69:71E, 0:03, h112km, n343, r163/373, mb4.3/83, 24C-32D, Hindu Kuth, h103km, mb4.5/22, Error ellipse: s-maj=1.9km s-min=7.9km az=20.0

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Az, El, P, S, SNR. Includes stations like KBL, KSH, HRA, AML, DHRM, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Az, El, P, S, SNR. Includes stations like MDOK, DDI, BTLS, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Az, El, P, S, SNR. Includes stations like HYB, ZAAO, ZALV, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like DZM, LIFNC, YATNC, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like INCN, TIA, TIA, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like Rata Peaks, Kahutara, Black Stump, etc.

Table with columns for station call signs (e.g., WMQ, WMO, WMC), frequencies, and various signal quality metrics (e.g., S, P, I, A, M, B, R, L, C, E, S, P, M, X, Y, Z).

Table with columns for station call signs (e.g., TKM2, SEY, SEY, SEY), frequencies, and various signal quality metrics (e.g., S, P, I, A, M, B, R, L, C, E, S, P, M, X, Y, Z).

Table with columns for station call signs (e.g., UOSS, UOSS, UOSS), frequencies, and various signal quality metrics (e.g., S, P, I, A, M, B, R, L, C, E, S, P, M, X, Y, Z).

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like OZUR, MLR, BURAR, YER, NBBOS, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NOA, STIP, WILL, VAMOS, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MBAR, SOKA, SOKA, KHC, etc.

Table with columns: ANMO, comp, pmax, pmax, and various station identifiers and coordinates.

Table with columns: V59A, Middlesex, 127.47, 19, P, PKPdf, 00 46 09.7, -0.1, and various station identifiers and coordinates.

Table with columns: IDC 18 01:07:02.0, 9.0, 50:05N, 176:36W, h0km, mb3.8/17, and various station identifiers and coordinates.

18d 3h

2015 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and multiple columns of frequency, power, and other technical data. Includes station names like EI Roble, Curacav, Santo Domingo, Peidehue, San Esteban, etc.

Q57A	Strasburg	71.61 355	P	P	04 11 18.7 +1.3
HHAR	Hobbs	71.64 341	P	P	04 11 18.3 +0.6
WMOK	Wichita Mounta	71.66 337	P	P	04 11 18.3 +0.4
WMOK	Wichita Mounta	71.66 337	P	P	04 11 18.2 +0.4
R49A	Shelbyville	71.68 349	I	Amb	04 11 17.9 0.0
WCI	Wyandotte Cave	71.81 348	P	P	04 11 17.3 -1.3
TUL1	Leonard	71.81 340	P	P	04 11 19.2 +0.5
TUL1	Leonard	71.81 340	P	P	04 11 18.8 +0.1
SIUC	Southern Illin	71.87 346	P	P	04 11 19.5 +0.5
SIUC	Southern Illin	71.87 346	P	P	04 11 20.1
Q52A	Bidwell	71.92 352	P	P	04 11 20.1 +0.7
P58A	Pank, Wackervs	71.98 356	P	P	04 11 20.7 +1.1
P57A	Homestead Farm	72.02 355	P	P	04 11 21.3 +1.4
P57A	Homestead Farm	72.02 355	P	P	04 11 21.5 +1.6
P59A	Jarrettsville	72.05 356	P	P	04 11 21.5 +1.5
P56A	Dayton Farm, R	72.11 354	P	P	04 11 22.0 +1.6
Q51A	Peebles	72.13 351	P	P	04 11 20.8 +0.2
P60A	Greenville	72.21 357	P	P	04 11 22.0 +1.1
WUPA	West Chester U	72.33 357	P	P	04 11 23.2 +1.5
WUPA	West Chester U	72.33 357	P	P	04 11 23.9
MCWV	Mont Chateau	72.35 354	P	P	04 11 22.8 +0.9
MSTX	Muleshoe	72.38 333	P	P	04 11 23.1 +0.8
MSTX	Muleshoe	72.38 333	P	P	04 11 23.4 +1.1
MSTX	Muleshoe	72.38 333	P	P	04 11 24.1
P51A	Williamsport	72.54 351	P	P	04 11 23.2 +0.3
P51A	Williamsport	72.54 351	P	P	04 11 23.8
P52A	Corning	72.57 352	P	P	04 11 23.1 -0.1
P52A	Corning	72.57 352	P	P	04 11 23.4 +0.2
O58A	Lewisberry	72.58 356	P	P	04 11 24.2 +0.9
CCM	Cathedral Cave	72.64 344	P	P	04 11 24.1 +0.4
CCM	Cathedral Cave	72.64 344	P	P	04 11 23.8 +0.2
CCM	Cathedral Cave	72.64 344	P	P	04 11 25.1
O60A	Telford	72.70 357	P	P	04 11 25.1 +1.2
O57A	Amberson	72.72 355	P	P	04 11 25.1 +1.0
O59A	Roblesonia	72.73 357	P	P	04 11 25.4 +1.2
AMTX	Amarillo	72.79 335	P	P	04 11 25.7 +1.0
AMTX	Amarillo	72.79 335	P	P	04 11 26.1 +1.3
S39A	Bolivar	72.80 342	P	P	04 11 25.3 +0.7
P49A	Miami Univ, Ec	72.83 350	P	P	04 11 23.9 -0.8
P49A	Miami Univ, Ec	72.83 350	P	P	04 11 24.4 -0.2
O56A	Blue Knob Stat	72.84 355	P	P	04 11 25.8 +1.0
P48A	Milroy	72.86 349	P	P	04 11 23.9 -1.0
T35A	Sooner Cattle	72.95 340	P	P	04 11 26.7 +1.1
O53A	New Philadelphia	73.07 353	P	P	04 11 26.5 +0.3
O53A	New Philadelphia	73.07 353	P	P	04 11 26.7 +0.6
R40A	Maddies Statio	73.11 343	P	P	04 11 27.2 +0.8
SSPA	Standing Stone	73.16 355	P	P	04 11 27.4 +0.7
121A	Cookes Peak, D	73.17 329	P	P	04 11 29.4 +2.2
121A	Cookes Peak, D	73.17 329	P	P	04 11 29.5 +2.3
N60A	Cedar Hill Far	73.24 357	P	P	04 11 28.2 +1.1
N57A	Milroy	73.25 356	P	P	04 11 27.9 +0.7
ACSO	Alum Creek Sta	73.27 351	P	P	04 11 27.1 -0.2
ACSO	Alum Creek Sta	73.27 351	P	P	04 11 27.0 -0.2
N58A	Sunbury	73.29 356	P	P	04 11 28.4 +1.1
N59A	State Game Lan	73.31 357	P	P	04 11 28.9 +1.3
O49A	Covington	73.41 350	P	P	04 11 28.4 +0.2
N54A	Moraine State	73.65 354	P	P	04 11 29.5 0.0
G43A	Skaggs, Pawnee	73.79 346	P	P	04 11 30.4 0.0
M59A	Waymart	73.92 357	P	P	04 11 32.7 +1.5
M56A	Emporium	74.02 355	P	P	04 11 32.1 +0.3
M56A	Emporium	74.02 355	P	P	04 11 32.1 +0.3
N49A	Columbus Grove	74.11 350	P	P	04 11 31.9 -0.3
M54A	Oil Creek Stat	74.17 354	P	P	04 11 32.5 -0.1
L63A	North Scituate	74.17 0	P	P	04 11 33.3 +0.7
LENM	Lemitar	74.22 330	P	P	04 11 35.8 +2.5
P40A	Paris	74.23 344	P	P	04 11 33.5 +0.5
LIC	Lamto	74.25 72	eP	P	04 11 32.5 -1.2
N47A	Urbana	74.29 349	P	P	04 11 32.8 -0.5
TUC	Tucson	74.33 326	P	P	04 11 35.6 +1.8
TUC	Tucson	74.33 326	P	P	04 11 34.8 +1.0
MAW	Mawson	74.41 164	P	P	04 11 34.3 +0.6
MAW	Mawson	74.41 164	P	P	04 47 39.3
TIC	Toumou	74.50 71	eP	P	04 11 34.4 -0.8
L59A	Walton	74.56 358	P	P	04 11 36.0 +1.1
BINY	Binghamton	74.60 357	P	P	04 11 35.8 +0.7
HDIL	Hopedale	74.62 346	P	P	04 11 35.1 -0.1
HDIL	Hopedale	74.62 346	P	P	04 11 35.4 +0.2
L56A	Greenwood	74.63 356	P	P	04 11 35.6 +0.3
DBIC	Dimbokro	74.64 72	P	P	04 11 35.0 -1.0
DBIC	Dimbokro	74.64 72	P	P	04 44 38.8
DBIC	Dimbokro	74.64 72	P	P	04 11 35.3 -0.7
ANMO	Albuquerque	74.68 331	P	P	04 11 37.8 +1.9
ANMO	Albuquerque	74.68 331	P	P	04 11 37.0 +1.0
P38A	Dawn	74.68 343	P	P	04 11 35.9 +0.3
L61A	Northampton	74.76 359	P	P	04 11 37.1 +1.1

214A	Organ Pipe Nat	75.00 325	P	P	04 11 40.0 +2.3
214A	Organ Pipe Nat	75.00 325	P	P	04 11 40.1 +2.3
R32A	Long Quarter,	75.01 338	I	Amb	04 11 38.9 +1.2
J62A	Henniker	75.54 0	P	P	04 11 42.0 +1.6
CBKS	Cedar Bluff	75.69 338	P	P	04 11 42.7 +1.2
CBKS	Cedar Bluff	75.69 338	P	P	04 11 42.9 +1.4
N38A	Joess South For	75.72 343	P	P	04 11 42.1 +0.6
T25A	Trinidad	75.80 334	P	P	04 11 44.6 +2.2
T25A	Trinidad	75.80 334	P	P	04 11 44.5 +2.2
I60A	Shoreham	76.16 359	P	P	04 11 45.0 +1.0
X16A	Lo Mia Camp, P	76.39 327	P	P	04 11 48.1 +2.3
L40A	Anamosa	76.47 345	P	P	04 11 45.4 -0.4
LBNH	Lisbon	76.55 360	P	P	04 11 47.7 +1.5
SDCO	Great Sand Dun	76.75 333	P	P	04 11 49.5 +1.6
SDCO	Great Sand Dun	76.75 333	P	P	04 11 48.5 +0.8
H58A	Gabriels	76.75 358	P	P	04 11 48.8 +1.1
KSCO	Kaye Sheddok	76.83 336	P	P	04 11 50.0 +1.9
H61A	Lyndonville	76.84 360	P	P	04 11 48.9 +1.0
JFWS	Jewell Farm	77.08 346	P	P	04 11 49.7 +0.5
S22A	4UR Ranch, Cre	77.26 332	P	P	04 11 52.6 +1.9
S22A	4UR Ranch, Cre	77.26 332	P	P	04 11 52.7 +1.9
WUAZ	Wupatki	77.27 328	P	P	04 11 53.1 +2.4
WUAZ	Wupatki	77.27 328	P	P	04 11 53.0 +2.3
G63A	Kingsbury	77.45 2	P	P	04 11 52.7 +1.4
MVCO	Mesa Verde	77.47 331	P	P	04 11 53.6 +1.7
MVCO	Mesa Verde	77.47 331	P	P	04 11 53.8 +1.9
G62A	West of Eustis	77.54 1	P	P	04 11 52.9 +1.1
G65A	Princeton	77.61 3	P	P	04 11 53.7 +1.6
BC3	Big Chuckawall	77.68 324	P	P	04 11 55.2 +2.2
Q24A	Divide	77.68 334	P	P	04 11 54.9 +1.8
Q24A	Divide	77.68 334	P	P	04 11 55.1 +2.0
IRM	Iron Mountain	77.93 324	P	P	04 11 56.2 +2.0
F63A	Nahkanta, Br	78.05 2	P	P	04 11 56.1 +1.5
W13A	Hualapai Mount	78.09 326	P	P	04 11 57.7 +2.3
I40A	Norwalk	78.10 346	I	Amb	04 11 57.4
PFO	Pinyon Flats O	78.15 323	P	P	04 11 57.3 +1.7
PFO	Pinyon Flats O	78.15 323	P	P	04 11 56.8 +1.2
BELC	Belle Mtn, Jos	78.23 324	P	P	04 11 58.5 +2.4
F64A	Sherman	78.24 3	P	P	04 11 57.2 +1.6
U15A	North Rim	78.44 328	P	P	04 11 55.2 -2.1
MURC	Murrieta	78.51 323	P	P	04 12 00.2 +2.7
SMCO	Snowmass	78.56 333	P	P	04 11 59.0 +0.9
ISCO	Idaho Springs	78.59 334	P	P	04 11 59.9 +1.8
ISCO	Idaho Springs	78.59 334	P	P	04 11 59.9 +1.8
E60A	Site A the de	78.68 0	P	P	04 11 59.0 +1.0
GMRC	Granite Mount	78.69 325	P	P	04 12 00.9 +2.4
I37A	Lemond, Waseca	78.81 344	P	P	04 11 59.2 +0.3
K31A	ONALVA	78.88 340	P	P	04 12 00.2 +0.9
E56A	St. Veronique	78.90 358	P	P	04 11 59.2 -0.1
KNB	Kanab	79.17 328	P	P	04 12 03.8 +2.4
D60A	Saint Jean D'O	79.23 1	P	P	04 12 01.9 +0.9
BFSC	Mount Baldy Ra	79.25 323	P	P	04 12 03.6 +2.0
ECSD	EROS Data Cent	79.33 342	P	P	04 12 01.8 +0.1
ECSD	EROS Data Cent	79.33 342	P	P	04 12 02.1 +0.5
LCMT	Little Creek M	79.36 327	P	P	04 12 04.6 +2.5
D58A	Chemin du LacG	79.41 359	P	P	04 12 02.4 +0.4
D62A	Allapoint, All	79.43 2	P	P	04 12 03.1 +1.0
TSUM	Tsumeb	79.46 106	P	P	04 12 03.8 +0.5
D61A	St Aubert, Com	79.53 1	P	P	04 12 03.9 +1.2
GSC	Goldstone, Bar	79.66 324	P	P	04 12 06.1 +2.3
G43A	Goldstone, Bar	79.66 324	P	P	04 12 06.1 +2.3
MTPU	Mount Pierson	79.73 329	P	P	04 12 06.8 +2.3
SZCU	Shurtz Canyon	79.77 328	P	P	04 12 07.4 +2.9
SPMM	Marine on St.	79.83 345	P	P	04 12 04.1 -0.3
SHRP	Sheep Range	79.83 326	P	P	04 12 07.2 +2.4
CCUT	Cedar City	79.85 328	P	P	04 12 07.6 +2.6
O20A	White River Ci	79.88 333	P	P	04 12 05.7 +0.7
O20A	White River Ci	79.88 333	P	P	04 12 07.2 +2.2
SHOC	Shoshone, Tec	79.88 325	P	P	04 12 06.5 +1.6
SRU	San Rafael Swe	79.92 330	P	P	04 12 06.8 +1.5
EDWZ	Edwards Air Fo	79.93 323	P	P	04 12 06.5 +1.7
KOWA	Kowa	79.98 66	P	P	04 12 05.2 -0.7
KOWA	Kowa	79.98 66	P	P	04 12 06.6
LROM	Laura Mtn Rad	80.24 324	P	P	04 12 08.9 +1.9
P17A	Butcher Ranch,	80.32 330	P	P	04 12 09.3 +1.9
TRMT	Traill Mountain	80.36 330	P	P	04 12 09.6 +1.8
PRN	Pahroc Range	80.51 326	I	Amb	04 12 11.0 +2.6
BOSA	Boshof	80.58 118	P	P	04 12 08.4 -0.8
BOSA	Boshof	80.58 118	P	P	04 45 43.1
BOSA	Boshof	80.58 118	P	P	04 12 08.3 -0.8
F36A	Milaca	80.59 345	P	P	04 12 08.2 -0.2
MPMC	Manual Prospec	80.60 324	P	P	04 12 10.9 +1.9
FURC	Furnace Creek,	80.62 325	P	P	04 12 11.0 +2.3
TPNV	Topopah Spring	80.71 325	P	P	04 12 11.8 +2.2
TPNV	Topopah Spring	80.71 325	P	P	04 12 11.9 +2.4
RDMU	Red Mountain	80.77 332	P	P	04 12 11.2 +1.4
ISA	Isabella, Lake	80.78 323	P	P	04 12 12.2 +2.4
ISA	Isabella, Lake	80.78 323	P	P	04 12 12.2 +2.4
PKM	Mpcheron Peak	80.87 322	P	P	04 12 13.0 +2.5
MPU	Maple Canyon	81.14 330	P	P	04 12 13.5 +1.7
CWC	Cottonwood Cre	81.19 324	P	P	04 12 14.1 +1.9
F33A	5 Mile Ranch,	81.22 343	P	P	04 12 12.2 +0.4
CASY	Casey	81.34 181	P	P	04 12 14.0 +1.6
K22A	Casper	81.42 335	P	P	04 12 14.4 +1.3

K22A	Casper	81.42 335	P	P	04 12 14.4 +1.4
LSOQ	Leboeur-Quev	81.50 357	P	P	04 12 13.4 +0.2
R11A	Troy Canyon, C	81.52 327	P	P	04 12 16.0 +2.1
R11A	Troy Canyon, C	81.52 327	P	P	04 12 15.9 +2.1
JLU	Judanelle	81.56 331	P	P	04 12 15.9 +1.9
TIN	Tinimaha, Big	81.75 324	P	P	04 12 17.4 +2.4
DUG	Dugway, Tooele	81.79 330	P	P	04 12 17.0 +1.8
DUG	Dugway, Tooele	81.79 330	P	P	04 12 17.0 +1.8
RSSD	Black Hills	81.86 337	P	P	04 12 16.4 +0.9
RSSD	Black Hills	81.86 337	P	P	04 12 15.4 -0.2
TPH	Topopah	82.07 325	P	P	04 12 19.0 +2.2
EYMN	Ely	82.16 347	P	P	04 12 16.8 0.0
MATO	Matagami	82.23 356	P	P	04 12 17.1 +0.1
HWUT	Hardware Ranch	82.45 331	P	P	

YULB	Yu-li	19.65 259	P	Iamb	Pn	Iamb	04 32 14.2 +1.3
SSLB	Suangleung	19.81 261	P	P	Pn	Pn	04 32 16.8 +1.9
DL2	Dalian	20.00 306	P	S	P	S	04 32 07.3 -7.7
DL2			P	S	S	S	04 35 49.4 -8.2
DL2	comp=Z,39nm,1.4s						
DL2	comp=Z,200nm,5.4s						
DL2	comp=N,940nm,14.8s						
DL2	comp=E,1µm,15.2s						
DL2	comp=Z,1µm,17.2s						
TWG	Pinliang	20.04 258	P	Iamb	Pn	Iamb	04 32 19.0 +1.4
TWG							04 32 40.9
CN2	Changchun	20.31 323	eP		Pn	Pn	04 32 19.6 -0.9
CN2			eS		Sn	Sn	04 36 06.0 -2.3
CN2	comp=Z,20nm,0.8s						
CN2	comp=Z,100nm,3.0s						
CN2	comp=Z,700nm,16.0s						
CN2	comp=Z,700nm,16.0s						
NJ2	Nanjing	20.57 285	↑P		Pn	Pn	04 32 22.3 -1.4
NJ2			pP		pP	pP	04 32 26.8 -4.0
NJ2			sP		pwP	pwP	04 32 29.3 -4.7
NJ2			S		Sn	Sn	04 36 18.3 +3.5
NJ2			S		S	S	
NJ2	comp=Z,52nm,0.7s						
NJ2	comp=Z,430nm,8.5s						
NJ2	comp=Z,720nm,10.9s						
NJ2	comp=Z,750nm,14.5s						
KLR	Kul'dur	22.10 341	↑P		P	P	04 32 38.0 +0.5
KLR	comp=Z,24nm,0.9s,baz=168,slow=8.3,SNR=20						04 41 30.8
KLR	comp=Z,369nm,18.2s,baz=161,slow=9						
KLR	Kul'dur	22.10 341	eP		P	P	04 32 37.3 -0.2
KLR			pmax		pmax	pmax	
TYV	Tymovskoe	22.18 0	eP		P	P	04 32 40.7 +2.4
TYV			pmax		pmax	pmax	
TYV	comp=Z,19nm,1.1s						
GRNR	Gornyy	22.54 350	↑P		P	P	04 32 43.4 +1.2
GRNR			pmax		pmax	pmax	
GRNR	comp=Z,8.0nm,1.0s						
GRNR	comp=E,330nm,19.0s						
GRNR	comp=N,90nm,14.0s						
H11N2	WAKE ISLAND Hy	24.03 106	T	T	T	T	04 57 56.8
H11N1	WAKE ISLAND Hy	24.03 106	T	T	T	T	04 58 02.7
H11N3	WAKE ISLAND Hy	24.05 106	T	T	T	T	04 57 52.6
SKR	Severo-Kuril's	24.33 22	eP		P	P	04 32 55.6 -4.0
SKR			pmax		pmax	pmax	
SKR	comp=Z,35nm,1.1s						
SKR	comp=Z,400nm,7.6s						
SKR	comp=Z,500nm,20.0s						
SKR	comp=Z,300nm,18.0s						
BJT	Baijiatau	24.34 305	P	P	P	P	04 33 00.0 +0.2
BJT			pmax		pmax	pmax	
BJT	comp=Z,63nm,1.8s						
BJT	Baijiatau	24.34 305	P	Iamb	P	Iamb	04 33 00.0 +0.2
BJT							04 33 00.7
BJI	Beijing	24.34 305	P	S	P	S	04 32 59.9 +0.1
BJI			pmax		pmax	pmax	04 37 23.4 +7.2
BJI	comp=Z,14nm,1.1s						
BJI	comp=Z,490nm,18.4s						
BJI	comp=Z,950nm,15.5s						
BJI	comp=Z,670nm,18.4s						
WHN	Wuhan	24.42 281	↑P		P	P	04 33 02.0 +1.4
WHN			S		S	S	04 37 09.9 -7.8
WHN			pmax		pmax	pmax	
WHN	comp=Z,260nm,1.5s						
WHN	comp=Z,1µm,5.0s						
WHN	comp=Z,560nm,4.7s						
WHN	comp=Z,820nm,20.3s						
H11S3	WAKE ISLAND Hy	24.43 109	T	T	T	T	04 58 29.5
H11S1	WAKE ISLAND Hy	24.43 109	T	T	T	T	04 58 24.6
H11S2	WAKE ISLAND Hy	24.44 109	T	T	T	T	04 58 24.1
TSY	Tagaytay City	24.60 238	P	P	P	P	04 33 04.4 +1.9
TSY	comp=Z,142nm,0.3s,baz=197,slow=6.8,SNR=4.0						04 33 04.8 +1.9
HIA	Hailar	26.89 326	eP		P	P	04 33 24.6 +1.7
HIA			pmax		pmax	pmax	04 33 27.6
HIA	comp=Z,55nm,1.1s						
HIA	comp=Z,44nm,0.9s						
PETK	Petropavlovsk-	26.92 21	P	P	P	P	04 33 23.1 0.0
PETK	comp=Z,5.9nm,0.9s,baz=98,slow=3.3,SNR=5.2						
ZEA	Zeya	27.40 340	eP		P	P	04 33 28.8 +1.5
ZEA			eS		S	S	04 38 04.7 +0.2
ZEA	comp=N,20nm,0.8s						
ZEA	comp=Z,30nm,0.9s						
ZEA	comp=N,100nm,4.0s						
ZEA	comp=E,200nm,5.8s						
ZEA	comp=N,200nm,16.0s						
ZEA	comp=Z,200nm,16.0s						
HHC	Hu-ho-hao-te	27.94 304	eP		P	P	04 33 32.8 +0.4
HHC			S		S	S	04 38 17.3 +3.8
HHC			pmax		pmax	pmax	04 39 43.1 +1.3
HHC	comp=Z,18nm,0.7s						
HHC	comp=Z,130nm,5.5s						
HHC	comp=Z,690nm,15.7s						
HHC	comp=Z,1µm,15.8s						
ENH	Enshi	28.63 281	P	Iamb	P	Iamb	04 33 38.9 +0.3
ENH							04 34 40.6
XAN	Xi'an	28.99 289	P	P	P	P	04 33 41.6 -0.2
XAN			sP		pp	pp	04 33 47.3 -5.2
XAN			S		S	S	04 38 31.8 +1.7
XAN	comp=Z,23nm,1.0s						
XAN	comp=Z,140nm,4.3s						
XAN	comp=Z,550nm,15.5s						
XAN	comp=Z,880nm,17.3s						
XAN	comp=Z,1µm,16.7s						
QIZ	Qiongzong	31.18 259	P	P	P	P	04 34 02.3 +1.1

QIZ			S	S	S	S	04 39 10.6 +6.1
QIZ			LR	LR	LR	LR	
QIZ	comp=Z,230nm,6.2s						
QIZ	comp=Z,460nm,11.9s						
QIZ	comp=Z,450nm,15.4s						
MA2	Magadan	31.44 8	↑P		P	P	04 34 04.1 +1.0
MA2			pmax		pmax	pmax	
GYA	Guiyang	31.66 275	↑P		P	P	04 34 06.8 +1.2
GYA			PP		PP	PP	04 35 14.4 -3.2
GYA	comp=Z,36nm,1.2s						
GYA	comp=Z,230nm,5.3s						
GYA	comp=Z,510nm,17.0s						
LZH	Lanzhou	33.21 293	eP		P	P	04 34 20.4 +1.3
LZH			sP		pP	pP	04 34 25.8 -4.0
LZH			eS		S	S	04 39 46.3 +1.0
LZH			SS		SnSn	SnSn	04 41 39.0 +0.5
LZH	comp=Z,24nm,1.2s						
LZH	comp=Z,160nm,5.2s						
LZH	comp=Z,420nm,13.0s						
LZH	comp=Z,670nm,12.5s						
LZH	comp=Z,690nm,14.6s						
ULN	Ulaanbaatar	33.33 315	eP		P	P	04 34 21.3 +1.4
ULN			pmax		pmax	pmax	
ULN	comp=Z,23nm,1.2s						
ULN	Ulaanbaatar	33.33 315	P	Iamb	P	Iamb	04 34 21.2 +1.2
ULN							04 34 22.6
ULN	comp=Z,24nm,1.1s						
GTOI	Gorontalo	33.45 217	P	P	P	P	04 34 23.0 +1.9
GTOI	comp=Z,25nm,1.0s						
CD2	Chengdu	33.48 284	↑P		P	P	04 34 21.8 +0.4
CD2			S		S	S	04 39 45.0 +4.7
CD2	comp=Z,70nm,0.7s						
CD2	comp=Z,590nm,13.7s						
CD2	comp=Z,960nm,16.2s						
CD2	comp=Z,1µm,15.2s						
SOMN	Songino Array	33.73 315	P	P	P	P	04 34 24.6 +1.2
SOMN	comp=Z,7.0nm,0.7s,baz=124,slow=8.6,SNR=4.4						04 37 03.2 +1.0
SOMN	comp=Z,7.7nm,0.9s,baz=42,slow=8.0,SNR=5.4						
SOMN	comp=Z,297nm,18.8s,baz=110,slow=37						04 48 46.5
SOMN	Songino Array	33.73 315	P	P	P	P	04 34 24.3 +0.9
SOMN			PcP		PcP	PcP	04 37 04.3 +2.1
SOMN	comp=Z,7.0nm,0.7s,baz=124,slow=8.6,SNR=4.4						04 34 31.3 +4.0
SOMN	comp=Z,7.7nm,0.9s,baz=42,slow=8.0,SNR=5.4						04 34 25.7 -2.7
SOMN	comp=Z,297nm,18.8s,baz=110,slow=37						04 34 32.1
YAK	Yakutsk	34.42 349	eP		P	P	04 34 29.2 +0.2
YAK			e		e	e	04 35 47.2
YAK			eS		S	S	04 37 10.6
YAK			eSS		SnSn	SnSn	04 39 58.0 +4.1
YAK			e		e	e	04 42 09.3 +2.6
YAK			pmax		pmax	pmax	04 44 53.0
YAK	comp=Z,32nm,1.1s						
YAK	comp=N,11nm,1.0s						
YAK	comp=E,4.0nm,1.2s						
YAK	comp=Z,148nm,4.3s						
YAK	comp=E,108nm,4.3s						
YAK	comp=E,219nm,4.6s						
YAK	comp=Z,231nm,18.0s						
YAK	comp=N,162nm,16.0s						
YAK	comp=E,94nm,16.0s						
SEY	Seymchan	34.90 8	P	P	P	P	04 34 34.3 +1.2
SEY	comp=Z,8.5nm,0.7s,baz=187,slow=7.3,SNR=28						04 34 34.1 +1.0
SEY	Seymchan	34.90 8	↑P		P	P	04 34 38.6 +4.5
SEY			pP		pP	pP	04 34 37.9 +1.8
NLAI	Namlea	34.95 207	eP		P	P	04 34 37.9 +1.8
NLAI			eP		eP	eP	
BOD	Bodaibo	35.23 334	eP		P	P	04 34 37.9 +1.8
BOD			pmax		pmax	pmax	
KMI	Kunming	35.41 274	↑P		P	P	04 34 39.9 +1.5
KMI			pP		pP	pP	04 34 41.4 -7.7
KMI			pP		pP	pP	04 34 42.8 -10.8
KMI			S		S	S	04 40 15.4 +4.8
KMI	comp=Z,21nm,0.9s						
KMI	comp=Z,61nm,3.5s						
KMI	comp=Z,190nm,10.1s						
KMI	comp=Z,420nm,24.3s						
KMI	comp=Z,590nm,19.4s						
KMI	comp=Z,100nm,1.9s						
KMI	comp=Z,100nm,1.9s						
KMI	comp=Z,11nm,1.0s						
SLVN	Son La	35.51 274	P	P	P	P	04 34 40.2 +1.9
ZAK	Zakamensk	35.51 267	P	P	P	P	04 34 40.7 +1.9
ZAK		35.56 317	eP		P	P	04 34 49.3 +1.5
ZAK			pmax		pmax	pmax	
UBPT	Khong Chiam	36.57 257	P	P	P	P	04 34 51.6 +3.6
UBPT	comp=Z,11nm,1.0s						
GTA	Gaotai	36.57 298	↑P		P	P	04 34 48.1 +0.1
GTA			pP		pP	pP	04 34 52.0 -6.7
GTA			pwP		pwP	pwP	04 34 54.6 -7.8
GTA			PcP		PcP	PcP	04 37 12.1 +1.4
GTA			ScP		ScP	ScP	04 40 59.3 +5.3
GTA	comp=Z,8.0nm,1.5s						
GTA	comp=Z,77nm,7.6s						
GTA	comp=Z,290nm,14.5s						
GTA	comp=Z,400nm,15.3s						
GTA	comp=Z,380nm,16.0s						
IRK	Irkutsk	36.73 321	eP		P	P	04 34 50.4 +1.4
IRK			pmax		pmax	pmax	
IRK	comp=Z,57nm,1.8s						
TLY	Talaya	36.85 319	eP		P	P	04 34 53.1 +3.0
TLY			e				

18d 4h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SANVU, DAMAN, GORHA, GSI, etc.

2015 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like EKSZ, AML, HDA, IL31, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HATD, ASHO, NEW, BFZ, etc.

JTU	comp=Z,151nm,0.9s	39.60	264	I	Amb	I	Amb	04 55 02.7
NEW	Tsushima	39.64	69	P	P			04 54 59.2 -0.3
NEW	Newport	39.64	69	P	P			04 55 00.3
NEW	comp=Z,199nm,0.8s	39.65	268	d	P			04 55 00.8 +1.2
TJN	Taejon	39.67	25	I	Amb	I	Amb	04 55 27.4
RES	Resolute Bay	39.72	77	I	Amb	I	Amb	04 55 03.1
PINE	Pine Mountain	39.77	80	P	P			04 55 02.4 +1.6
L04D	Klamath Falls	39.80	81	P	P			04 55 02.1 +1.1
YBH	Yreka Blue Hor	39.80	81	P	P			04 55 02.1 +1.1
YBH	comp=Z,297nm,0.9s	39.80	81	P	P			04 55 02.1 +1.1
YBH	Fort Rock, OR	39.83	78	P	P			04 55 02.8 +1.6
J05D	Chiloquin, OR	39.88	80	P	P			04 55 03.1 +1.4
K04D	Callahan	39.91	82	P	P			04 55 04.0 +2.1
M02C	baz=306	39.94	72	I	Amb	I	Amb	05 00 59.9 +1.4
M02C	Wood Farm, Sta	40.03	16	P	P			04 55 03.5
E09A	Eureka	40.07	84	P	P			04 55 02.7 +0.4
UNU	Mali Ridge	40.07	84	P	P			04 55 04.6 +1.4
KMRM	Trinity Center	40.25	82	P	P			04 55 06.7 +2.1
N02D	baz=306,SNR=88			S	S			05 01 06.0 +2.5
N02D	baz=306	40.31	81	P	P			04 55 06.9 +1.7
M04C	Macdoel	40.35	79	P	P			04 55 06.5 +0.9
K05A	Summer Lake	40.43	76	P	P			04 55 06.4 +0.2
K05A	Izze	40.43	76	P	P			04 55 08.1
I07A				I	Amb	I	Amb	04 55 10.6
KCPM	Cahto Peak	40.47	84	I	Amb	I	Amb	04 55 07.9 +0.7
WDC	Whiskeytown Da	40.58	83	P	P			04 55 07.9 +0.7
WDC	Whiskeytown Da	40.58	83	P	P			04 55 11.0
WDC	comp=Z,292nm,1.1s	40.58	83	P	P			04 55 10.2 +2.1
O02D	Mt. Diablo Mer	40.67	83	P	P			05 01 14.5 +4.7
O02D	baz=307			S	S			04 55 11.7 +0.8
JSU	Suzuyama	41.01	260	P	P			04 57 08.8 0.0
JSU	comp=Z,197nm,1.0s	41.20	82	P	P			04 55 13.5 +1.0
O03E	Paynes Creek	41.20	82	P	P			05 01 20.7 +3.0
O03E	baz=307,SNR=299			S	S			04 55 12.8 +0.3
HOPS	Hopland Field	41.21	85	P	P			04 55 13.4 0.0
BMO	Blue Mountains	41.32	74	P	P			04 55 13.4 0.0
BMO	comp=Z,130nm,0.8s	41.32	74	P	P			04 55 14.8
BMO	Blue Mountains	41.32	74	P	P			04 55 19.1
GDXM	Geysers	41.49	85	I	Amb	I	Amb	04 55 19.1
JTMT	Jette	41.55	69	I	Amb	I	Amb	04 55 16.2
DL2	Dalian	41.62	275	P	P			04 55 16.3 +0.5
DL2	comp=Z,420nm,0.9s			P	P			04 55 11.0 0.0
DL2				P	P			04 57 10.1 -0.5
DL2				S	S			05 01 24.9 +1.3
DL2				P	P			04 55 20.3
DL2				P	P			04 55 21.0
DL2				P	P			04 55 21.4
DL2				P	P			04 55 26.5
DL2				P	P			04 55 31.4
DL2				P	P			04 55 26.6 -0.5
DL2				P	P			04 55 28.5
ORV	Oroville	41.83	83	I	Amb	I	Amb	04 55 34.3
ORV	comp=Z,222nm,0.9s	41.83	83	I	Amb	I	Amb	04 55 34.3
MCCM	Marconi Confer	42.23	70	P	P			04 55 34.0 +0.8
MCCM	comp=Z,266nm,1.3s	42.23	70	P	P			04 55 33.4 +0.1
MSO	Missoula	42.23	70	P	P			04 55 34.8
MSO	comp=Z,187nm,0.9s	42.23	70	I	Amb	I	Amb	04 55 34.0 -0.9
MSO	Missoula	42.23	70	I	Amb	I	Amb	04 55 35.2
AFDM	Forest Hills D	42.53	83	I	Amb	I	Amb	04 55 40.2
AFDM	comp=Z,248nm,1.2s	42.53	83	I	Amb	I	Amb	04 55 36.6 -0.4
RUBR	Rubicon Trail	42.97	83	I	Amb	I	Amb	05 02 01.0 -1.3
RUBR	comp=Z,210nm,0.9s	42.97	83	I	Amb	I	Amb	04 55 38.3 +1.2
RFID	Camas Ranch	43.01	75	P	P			04 55 36.8 -0.3
RFID	comp=Z,118nm,0.9s	43.01	75	P	P			04 57 19.5
CMB	Columbia Colle	43.45	84	I	Amb	I	Amb	04 55 47.2
CMB	comp=Z,233nm,1.1s	43.45	84	I	Amb	I	Amb	04 55 40.2 +1.0
WAKR	Walker	43.74	83	P	P			04 57 21.3 +0.7
HLID	Hailey	43.77	74	P	P			05 01 01.3 +0.3
HLID	baz=305,SNR=267	43.77	74	P	P			05 01 13.0 +0.2
HLID	Hailey	43.77	74	I	Amb	I	Amb	05 02 02.3 -0.1
HLID	comp=Z,187nm,0.9s	43.77	74	I	Amb	I	Amb	05 05 23.3 -0.7
EGMT	Eagleton	43.98	66	I	Amb	I	Amb	04 55 34.0
EGMT	comp=Z,125nm,0.9s	43.98	66	I	Amb	I	Amb	04 55 35.2
EGMT	Eagleton	43.98	66	I	Amb	I	Amb	04 55 40.2
RYN	Ryan	44.23	82	I	Amb	I	Amb	04 55 36.6 -0.4
RYN	comp=Z,270nm,1.0s	44.23	82	I	Amb	I	Amb	05 02 01.0 -1.3
BOZ	Bozeman (W)	44.25	70	P	P			04 55 38.3 +1.2
BOZ	baz=304,SNR=31			S	S			04 55 39.5
BJI	Beijing	44.27	280	P	P			04 57 19.7 +0.1
BJI	comp=Z,210nm,0.9s	44.27	280	P	P			04 55 36.8 -0.3
BJI	comp=Z,1.0nm,2.9s			P	P			04 57 19.5
BJI	comp=Z,840nm,18.8s			LR	LR			04 55 47.2
BJI	comp=Z,620nm,16.9s			LR	LR			04 55 40.2 +1.0
BJI	comp=Z,1.0um,37.7s			LR	LR			04 57 21.3 +0.7
BJT	Baijatuau	44.29	280	P	P			05 01 01.3 +0.3
BJT	comp=Z,1.78nm,0.9s			I	Amb	I	Amb	05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0
BJT				P	P			04 57 21.3 +0.7
BJT				P	P			05 01 01.3 +0.3
BJT				P	P			05 01 13.0 +0.2
BJT				S	S			05 02 02.3 -0.1
BJT				S	S			05 05 23.3 -0.7
BJT				P	P			04 55 38.3 +1.2
BJT				P	P			04 55 36.8 -0.3
BJT				P	P			04 57 19.5
BJT				P	P			04 55 47.2
BJT				P	P			04 55 40.2 +1.0

18d 4h

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Table with columns: Station Name, Frequency, Power, Class, and Signal Strength. Includes stations like VBMS Vicksburg, CHMS Chumysh, Q53A Leroy, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal Strength. Includes stations like K60A Five Rivers En, TRY Troy, F64A Sherman, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal Strength. Includes stations like K63A Dunstable, SKAR Skarsia, T56A Rocky Mt, etc.

18d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRCB Terra Rica, BB19B Bebedouro, PLCA Paso Flores, etc.

JMA 18 05:22:05.0:1.23:91N:122:61E, h52km, 5km, M2.2
TAP 18 05:22:06.4:23:95N:122:61E, h38km, 1km, ML2.7, D
ISC 18 05:22:03.0:1.0, 23.84N:103:122:61E:0.02, h16km, 9km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FULB Fuli, TWT Tachien, TWT Tachien, etc.

IDC 18 05:31:34.3:1.1, 3:06S:129:94E, h0km, mb3.8/5,
mb1.4/0.8, mb1mx3.7/32, mbtm3.8/8, ML3.7/3, Error
ellipse: s-maj=41.5km s-min=18.5km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSAI Masohi, BNDI Bandanaira, BNDI Fak Fak, etc.

800

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

ROM 18 06:01:00.5:0.1, 42:549N:0:008:123:00E:0:006,
h11km, ML1.2/3, Error ellipse: s-maj=0.9km
s-min=0.5km az=177.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RM33 Pellescritta, SMA1 SAN MARTINO, SMA1 SAN MARTINO, etc.

IDC 18 06:05:18.6:1.1, 52:03N:169:64W, h0km, mb3.7/9,
mb1.3/9/11, mb1mx3.6/56, mbtmp3.7/11, ML3.4/2, Error
ellipse: s-maj=32.7km s-min=18.5km az=174.0

AEIC 18 06:05:21.1:1.8, 51:19N:0:169:64W:0.1, h54km, 10km,
ML3.1, Error ellipse: s-maj=18.7km s-min=9.8km az=151.0

NEIC 18 06:05:23.0:1.4, 52:03N:0:169:64W:0.09, h28km, 15km,
Error ellipse: s-maj=20.7km s-min=2.5km az=157.0

ISC 18 06:05:23.1:0.9, 52:11N:0:169:66W:0.07, h30km, n29,
o594/29, mb3.6/9, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, etc.

IDC 18 06:15:16.6:1.0, 34:20N:83:04E, h0km, mb3.7/8,
mb1.3/9/12, mb1mx3.6/38, mbtmp3.7/12, ML3.0/4, MS3.1/1,
Ms1.3/1.1, ms1mx2.4/44, Error ellipse: s-maj=36.3km
s-min=16.8km az=56.0

ISC 18 06:15:22.1:0.7, 34:31N:0:09:83:2E:0:1, h35km, n19,
o587/18, mb3.7/8, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DANN Dangsing, KOLN Koldanda, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like VYHNS, PVCC, VRAC, BRG, DLBC, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ESDC, DGMT, ULM, ULM, ULM, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like R11A, D62A, D62A, D63A, D60A, etc.

LBNH	Lisbon	79.80	4	P	P	06 53 43.8 +2.7
HEC	Hector Ludlow	79.84	40	P	P	06 53 43.8 +2.3
L40A	Anamosa	79.84	19	P	I	06 53 42.0 +0.6
L40A	comp-Z, 15nm, 0.8s					06 53 43.3
BFSC	Mount Baldy Ra	79.89	41	P	P	06 53 43.6 +1.7
I63A	Otisfield	80.04	3	P	P	06 53 42.8 +0.5
I63A	Otisfield	80.04	3	P	P	06 53 43.4 +1.0
I61A	Oroboro, Fairl	80.10	4	P	P	06 53 44.8 +2.1
I60A	Shoreham	80.14	5	P	P	06 53 44.2 +1.4
N35A	Tabor	80.14	22	P	P	06 53 44.1 +1.1
MVCO	Mesa Verde	80.27	33	P	P	06 53 46.3 +2.2
MVCO	Mesa Verde	80.27	33	P	P	06 53 45.3 +1.3
S22A	4UR Ranch, Cre	80.27	32	P	P	06 53 46.2 +2.1
S22A	4UR Ranch, Cre	80.27	32	P	P	06 53 45.6 +1.5
J59A	Piesco	80.45	6	P	P	06 53 45.7 +1.0
J59A	Piesco	80.45	6	P	P	06 53 46.2 +1.5
SDCO	Great Sand Dun	80.65	31	P	P	06 53 48.5 +2.3
SDCO	Great Sand Dun	80.65	31	P	P	06 53 48.1 +1.9
BELC	Belle Mtn. Jos	80.71	40	P	P	06 53 48.2 +1.9
J60A	Lant Hill Farm	80.73	5	P	P	06 53 47.9 +1.8
I22A	Henniker	80.82	4	P	P	06 53 48.8 +2.2
IRM	Iron Mountain	80.87	39	P	P	06 53 48.9 +1.8
PFO	Pinyon Flats O	80.89	40	P	P	06 53 48.0 +0.7
PFO	comp-Z, 14nm, 1.4s					06 53 49.1 +1.8
PFO	Pinyon Flats O	80.89	40	P	P	06 53 48.8 +1.5
PFO	Pinyon Flats O	80.89	40	P	I	06 53 50.9
TPFO	Pinon Flats	80.90	40	P	P	06 53 49.0 +1.6
WUAZ	Wupatki	80.92	36	P	P	06 53 50.0 +2.6
WUAZ	Wupatki	80.92	36	P	P	06 53 49.5 +2.0
L48A	N Adams	81.01	14	P	P	06 53 48.9 +1.2
K57A	Scipio Center	81.04	8	P	P	06 53 49.2 +1.3
PDMCI	Parker Dam, Lak	81.09	38	P	P	06 53 50.7 +2.6
K59A	Cooperstown	81.11	6	P	P	06 53 50.7 +2.5
BC3	Big Chuckawall	81.21	40	P	P	06 53 51.3 +2.3
ASAR	Alice Springs	81.39	161	P	P	06 53 50.0 +0.2
ASAR	comp-Z, 2.4nm, 0.9s, baz=351, slow=4.6, SNR=14					07 30 56.0
MONP2	Monument Peak	81.55	41	P	P	06 53 52.3 +1.4
BINY	Binghamton	81.61	7	P	P	06 53 52.9 +2.1
KSU1	Kansas State U	81.62	23	P	P	06 53 52.4 +1.4
KSU1	Kansas State U	81.62	23	P	P	06 53 52.6 +1.7
L59A	Walton	81.68	7	P	P	06 53 51.0 -0.2
L57A	Andrews Acres	81.75	8	P	P	06 53 53.1 +1.5
P38A	Dawn	81.77	21	P	I	06 53 52.9 +1.2
P38A	comp-Z, 9.9nm, 0.8s					06 53 54.1
L58A	Harry Jones Me	81.78	7	P	P	06 53 53.1 +1.4
R32A	Long Quarter,	81.78	25	P	I	06 53 53.4 +1.5
R32A	comp-Z, 15nm, 0.9s					06 53 53.9
IKP	In-Ko-Pah, Jac	81.88	41	P	P	06 53 54.6 +2.0
M53A	W Miller and	81.95	11	P	P	06 53 54.6 +1.9
GLA	Glamis	81.98	39	P	P	06 53 55.6 +2.6
GLA	comp-Z, 6.0nm, 0.9s					06 53 55.2 +2.2
GLA	Glamis	81.98	39	P	P	06 53 55.6 +2.6
M54A	Oil Creek Stat	81.99	10	P	P	06 53 54.2 +1.3
P40A	Paris	82.15	20	P	P	06 53 55.3 +1.6
P40A	comp-Z, 14nm, 0.9s					06 53 56.1
M56A	Emporium	82.15	9	P	P	06 53 55.3 +1.6
SFIN	Lafayette	82.17	16	P	P	06 53 55.5 +1.7
SFIN	Lafayette	82.17	16	P	I	06 53 54.6 +0.8
N51A	Ashland	82.28	12	P	P	06 53 55.1 +0.8
N51A	comp-Z, 18nm, 1.2s					06 53 56.4
X18A	Snowflake	82.28	35	P	P	06 53 55.5 +0.7
M59A	Waymart	82.31	7	P	P	06 53 56.1 +1.6
M57A	Sunshine Farm,	82.38	8	P	P	06 53 57.3 +2.4
M57A	Sunshine Farm,	82.38	8	P	I	06 53 56.0 +1.0
M57A	comp-Z, 15nm, 1.1s					06 53 58.3
M58A	Price's Panora	82.40	8	P	P	06 53 57.0 +2.0
N54A	Moraine State	82.50	10	P	P	06 53 57.1 +1.6
N54A	Moraine State	82.50	10	P	P	06 53 57.0 +1.4
M60A	Port Jervis	82.57	6	P	P	06 53 57.8 +1.9
N56A	West Decatur	82.70	9	P	P	06 53 58.6 +1.9
ACSO	Alum Creek Sta	82.88	13	P	P	06 53 59.5 +1.9
N59A	State Game Lan	82.90	7	P	P	06 53 60.0 +2.3
N58A	Sunbury	82.91	8	P	P	06 53 59.7 +2.0
N57A	Milroy	82.93	9	P	P	06 53 59.9 +2.2
PAL	Palisades	82.93	6	P	P	06 53 60.0 +2.3
ANMO	Albuquerque	82.98	32	P	P	06 53 59.4 +1.1
ANMO	comp-Z, 25nm, 3.6s					06 54 01.0 +2.6
ANMO	Albuquerque	82.98	32	P	P	06 53 59.5 +1.1
ANMO	Albuquerque	82.98	32	P	I	06 54 03.0
N60A	Cedar Hill Far	82.99	7	P	P	06 54 00.6 +2.5
SSPA	Standing Stone	83.02	9	P	P	06 54 00.2 +2.0
SSPA	Standing Stone	83.02	9	P	P	06 53 59.5 +1.3
O53A	New Philadelph	83.07	11	P	P	06 53 59.4 +0.9
N61A	South Mountain	83.16	6	P	P	06 54 01.0 +2.1
KAN10	Anthony SW Sta	83.27	25	P	P	06 54 00.2 +1.1
KAN10	Argonia South	83.27	25	P	P	06 54 00.9 +1.5
LUPA	Lehigh Univers	83.25	7	P	P	06 54 01.0 +1.6
O44A	Meyer Farm, Va	83.30	18	P	P	06 54 00.0 +0.4
R40A	Maddies Statio	83.30	20	P	P	06 54 00.6 +0.9
R40A	comp-Z, 6.7nm, 1.1s					06 54 01.4
P48A	Milroy	83.31	15	P	I	06 54 00.8 +1.1
P48A	comp-Z, 12nm, 1.0s					06 54 01.7 +1.8
O56A	Blue Knob Stat	83.32	9	P	P	06 54 02.0 +2.1
O56A	Blue Knob Stat	83.32	9	P	P	06 54 01.7 +1.8
P49A	Miami Univ. Ec	83.34	14	P	P	06 54 01.0 +1.1
P49A	Miami Univ. Ec	83.34	14	P	P	06 54 01.4 +1.4

P49A	comp-Z, 12nm, 0.9s					06 54 01.7
KMBO	Kilima Mbogo	83.42	258	LR	LR	07 35 43.1
O59A	Robonia	83.47	8	P	P	06 54 01.3 +0.7
P52A	Corning	83.57	12	P	P	06 54 01.2 0.0
BNNM	Barren Site	83.67	33	P	P	06 54 03.5 +1.5
S39A	Bolivar	83.67	21	P	I	06 54 01.2 -0.4
S39A	comp-Z, 11nm, 0.9s					06 54 03.6
214A	Organ Pipe Nat	83.68	38	P	P	06 54 03.7 +1.9
CCM	Cathedral Cave	83.73	20	P	P	06 54 03.1 +1.2
CCM	comp-Z, 8.0nm, 0.8s					06 54 03.1 +1.2
CCM	Cathedral Cave	83.73	20	P	P	06 54 03.1 +1.2
CCM	Cathedral Cave	83.73	20	P	I	06 54 03.1 +1.2
CCM	comp-Z, 8.4nm, 0.8s					06 54 04.0
T35A	Sooner Cattle	83.73	24	P	I	06 54 03.2 +1.2
T35A	comp-Z, 12nm, 0.9s					06 54 04.7
CROK	Carrier	83.78	25	P	P	06 54 03.6 +1.4
P53A	Whipple	83.81	12	P	P	06 54 02.1 +0.3
P60A	Greenville	84.01	7	P	P	06 54 05.0 +1.8
P60A	Greenville	84.01	7	P	P	06 54 04.2 +0.9
Q51A	Peebles	84.02	13	P	P	06 54 03.9 +0.4
P56A	Dayton Farm, R	84.05	10	P	P	06 54 05.8 +2.2
P58A	Park, Wickersv	84.20	9	P	P	06 54 05.5 +1.2
Q54A	Coxs Mills	84.36	11	P	P	06 54 06.8 +1.7
AMTX	Amarillo	84.39	29	P	P	06 54 08.2 +2.7
AMTX	Amarillo	84.39	29	P	P	06 54 07.7 +2.2
WCI	Wyandotte Cave	84.39	16	P	P	06 54 06.5 +1.2
WCI	Wyandotte Cave	84.39	16	P	P	06 54 06.1 +0.8
WCI	Wyandotte Cave	84.39	16	P	P	06 54 06.5 +1.2
MGMO	Mountain Grove	84.40	21	P	I	06 54 06.7 +1.3
MGMO	comp-Z, 7.3nm, 0.8s					06 54 07.5
Q53A	Leroy	84.41	12	P	P	06 54 06.6 +1.2
SIUC	Southern Ilin	84.42	18	P	P	06 54 05.9 +0.5
S44A	Carbondale	84.44	18	P	P	06 54 06.2 +0.6
Q56A	Snyder Ridge,	84.48	10	P	P	06 54 06.4 +0.7
R49A	Shelbyville	84.50	15	P	P	06 54 07.2 +1.4
Q57A	Strasburg	84.56	9	P	P	06 54 03.2 -2.9
OK031	S. Brethren Rd	84.58	24	P	I	06 54 08.2 +1.9
OK031	comp-Z, 9.5nm, 0.8s					06 54 09.5
OK029	Liberty Lake	84.59	25	P	P	06 54 08.1 +1.8
T42A	Van Buren	84.75	20	P	I	06 54 08.7 +1.6
T42A	comp-Z, 9.3nm, 0.8s					06 54 09.4
121A	Cookes Peak, D	84.81	34	P	P	06 54 10.5 +2.7
OK025	Westminster Rd	84.82	25	P	P	06 54 08.6 +1.1
TUL1	Leonard	84.86	24	P	P	06 54 08.8 +1.1
TUL1	Leonard	84.86	24	P	I	06 54 08.8 +1.1
TUL1	comp-Z, 6.8nm, 0.7s					06 54 10.4
R53A	Hurricane	84.88	12	P	P	06 54 09.7 +1.9
HHAR	Hobbs	84.91	22	P	I	06 54 08.8 +0.8
HHAR	comp-Z, 7.2nm, 0.8s					06 54 09.8
U40A	Yellville	85.06	21	P	P	06 54 10.0 +1.3
U40A	Yellville	85.06	21	P	I	06 54 10.1 +1.3
U40A	comp-Z, 11nm, 0.8s					06 54 11.0
FNO	Franklin	85.11	25	P	P	06 54 09.9 +0.9
PBMO	Poplar Bluff	85.12	19	P	P	06 54 10.2 +1.2
PBMO	comp-Z, 19nm, 1.4s					06 54 14.4
T45A	Paducah	85.20	18	P	P	06 54 10.6 +1.2
WMOK	Wichita Mounta	85.27	26	P	P	06 54 11.4 +1.5
WMOK	comp-Z, 16nm, 1.1s					06 54 12.4 +2.6
WMOK	Wichita Mounta	85.27	26	P	P	06 54 12.4 +2.6
WMOK	Wichita Mounta	85.27	26	P	I	06 54 11.4 +1.5
WMOK	Wichita Mounta	85.27	26	P	I	06 54 14.0
R57A	Stanardsville	85.28	10	P	P	06 54 12.0 +2.2
W35A	Teaunseh	85.34	25	P	P	06 54 11.1 +0.9
PARMO	Parma	85.35	19	P	P	06 54 12.0 +1.9
P19A	Douglas	85.40	36	P	I	06 54 12.8 +2.2
P19A	comp-Z, 13nm, 1.3s					06 54 13.7
S54A	Dingess, Beckl	85.48	12	P	P	06 54 12.4 +1.6
S54A	Dingess, Beckl	85.48	12	P	P	06 54 12.5 +1.6
FCAR	Ozark Folk Cen	85.66	21	P	I	06 54 12.2 +0.5
FCAR	comp-Z, 7.0nm, 0.8s					06 54 13.7
LCAR	Lake Charles	85.67	20	P	I	06 54 12.9 +1.2
LCAR	comp-Z, 7.8nm, 0.9s					06 54 17.2
R58B	Mineral	85.67	9	P	P	06 54 13.9 +2.2
S57A	Dark Hollow, R	85.77	10	P	P	06 54 14.5 +2.3
S56A	Natural Bridge	85.79	11	P	P	06 54 15.0 +2.7
S59A	Mechanicsville	85.92	9	P	P	06 54 15.6 +2.7
W39A	Magazine	85.98	22	P	P	06 54 14.9 +1.6
S60A	Water View	86.03	8	P	P	06 54 16.1 +2.7
U49A	Red Boiling Sp	86.15	16	P	I	06 54 15.4 +1.3
U49A	comp-Z, 14nm, 1.4s					06 54 16.3
WVT	Waverly	86.20	17	P	P	06 54 15.1 +0.7
WVT	comp-Z, 11nm, 0.8s					06 54 17.1
WVT	Waverly	86.20	17	P	P	06 54 15.1 +0.7
WVT	Waverly	86.20	17	P	I	06 54 15.1 +0.7
X37A	Clayton	86.22	24	P	I	06 54 17.2 +2.7
X37A	comp-Z, 9.9nm, 0.9s					06 54 17.9
W41B	Gary Mavity, V	86.32	21	P	P	06 54 16.5 +1.5
MNTX	Cornudas Mount	86.33	33	P	P	06 54 15.8 +0.7
MNTX	Cornudas Mount	86.33	33	P	P	06 54 17.9 +2.8
CLTN	Cedars of Leba	8				

Table with columns: HRMR, comp=N, Pmax, 07 16 09.8, 07 17 24.6 -7.8, 07 17 30.0 -7.5, 07 15 50.5 +0.2, 07 16 08.8 +2.0, 07 17 31.0 -6.8, 07 16 14.1 +2.6, 07 16 23.2, 07 17 37.0 +7.9, 07 17 51.2 -3.0, 07 16 11.9, 07 17 34.8, 07 15 51.6 -2.6, 07 17 46.7 +8.9, 07 17 01.3, 07 16 19.7 +3.0, 07 17 46.8, 07 16 08.0 +0.6, 07 16 29.9 +2.0, 07 18 06.0, 07 19 04.9, 07 16 07.9 +0.6, 07 16 30.1 +2.2, 07 16 37.6, 07 17 25.9 -5.9, 07 18 05.8 +9.1, 07 18 15.0, 07 16 31.2 +3.3, 07 18 06.0, 07 16 15.4 +2.0, 07 16 39.9 +4.5, 07 16 43.0, 07 18 20.0 +11, 07 18 27.6, 07 16 15.6 +2.2, 07 16 40.1, 07 16 17.5 +0.9, 07 16 45.4, 07 17 49.6 +1.2, 07 16 25.1 -0.3, 07 16 47.2, 07 18 46.3 -13, 07 16 25.0 -0.3, 07 16 54.5, 07 17 57.6 -6.5, 07 18 53.6, 07 16 28.2 +0.9, 07 16 53.5, 07 18 03.4 -4.2, 07 18 51.9 -12, 07 19 01.6, 07 16 27.7 +0.4, 07 16 57.7, 07 18 03.5 -4.2, 07 18 51.9, 07 16 34.5 +2.5, 07 16 34.5 -0.5, 07 17 12.5, 07 19 07.9, 07 16 47.2 +3.8, 07 19 25.5, 07 16 41.6 -1.8, 07 18 34.4 -2.0, 07 17 21.7 0.0, 07 21 00.6, 07 17 23.5 +1.8, 07 23 00.1, 07 18 12.3 +0.1, 07 23 03.4, 07 18 56.7 +0.7, 07 25 00.1, 07 19 10.2 +3.3, 07 19 08.5 +0.7, 07 19 09.1 +1.3, 07 19 10.2 +2.3, 07 19 44.4 +2.0, 07 19 44.8 +2.0, 07 20 15.0 +1.2

Table with columns: ARU, Arti, 29.95 294, P, P, 07 20 29.7 +3.1, 42.48 315, P, P, 07 22 14.4 +1.0, 44.80 37, P, P, 07 22 32.3 +0.3, 49.79 342, P, P, 07 23 13.9 +3.2, 49.79 342, P, P, 07 23 13.9 +3.2, 55.87 25, P, P, 07 23 54.1 -1.6

BYKL 18 07:14:42.9±0.6,66:16N×113:32E, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, SVKR Severomuysk, 0.15 254, Op, P, 07 14 45.3 -0.5, SVKR Uakit, 0.68 189, Op, P, 07 14 47.3 -0.5, NLYR Nelyaty, 1.10 72, Op, P, 07 15 02.6 -1.4, YOA Uoyan, 1.17 270, Op, P, 07 15 19.9 -0.6, KMO Kumora, 1.50 261, Op, P, 07 15 29.1 -1.8, BOD Bodaibo, 1.67 3, Op, P, 07 15 35.5 +0.1, YLYR Ulyunkhan, 1.98 231, Op, P, 07 15 44.3 -0.8, NIZ Nizh Angarsk, 2.44 263, Op, P, 07 15 58.2 +0.1, CRS Chara, 2.57 71, Op, P, 07 16 01.7 -0.4, TUP Tupik, 3.91 114, Op, P, 07 16 42.6 +2.0, KPC Khapcheranga, 6.53 188, Op, P, 07 18 06.5 -5.9

BYKL 18 07:20:58.1±0.3,56:11N×113:75E, h6km,7km, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, SVKR Severomuysk, 0.11 274, Op, P, 07 21 00.3 -0.1, SVKR Uakit, 0.63 186, Op, P, 07 21 09.5 -0.6, YOA Uoyan, 1.14 272, Op, P, 07 21 18.4 -1.4, NLYR Nelyaty, 1.15 70, Op, P, 07 21 19.2 -1.0, KMO Kumora, 1.45 262, Op, P, 07 21 24.0 -0.9, BOD Bodaibo, 1.72 5, Op, P, 07 21 28.8 +0.3, YLYR Ulyunkhan, 1.92 231, Op, P, 07 21 32.5 -1.1, NIZ Nizh Angarsk, 2.39 264, Op, P, 07 21 40.9 -0.6, CRS Chara, 2.63 71, Op, P, 07 21 46.0 +0.4, TUP Tupik, 3.93 113, Op, P, 07 21 58.8 -0.1

BYKL 18 07:21:18.9±0.3,56:17N×113:76E, h2km,6km, 1D, East of Lake Baykal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, SVKR Severomuysk, 0.12 245, Op, P, 07 21 20.9 -0.4, SVKR Uakit, 0.69 186, Op, P, 07 21 31.7 -0.3, NLYR Nelyaty, 1.13 73, Op, P, 07 21 38.8 -1.7, KMO Kumora, 1.46 260, Op, P, 07 21 44.8 -1.5, BOD Bodaibo, 1.66 5, Op, P, 07 21 49.2 +0.2, YLYR Ulyunkhan, 1.97 230, Op, P, 07 21 53.2 0.0, CRS Chara, 2.60 72, Op, P, 07 22 05.4 -0.9

Table with columns: CRS, Smax, 112nm,0.5s, BYKL 18 07:21:20.2±0.2,56:15N×113:78E, h7km,4km, East of Lake Baykal, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, SVKR Severomuysk, 0.13 255, Op, P, 07 21 25.0 +0.1, UKT Uakit, 0.67 187, Op, P, 07 21 40.9 -0.8, NLYR Nelyaty, 1.12 72, Op, P, 07 21 40.2 -1.6, YOA Uoyan, 1.15 270, Op, P, 07 21 40.3 -2.0, KMO Kumora, 1.47 261, Op, P, 07 21 46.4 -0.7, BOD Bodaibo, 1.68 4, Op, P, 07 21 51.1 -0.3, YLYR Ulyunkhan, 1.96 230, Op, P, 07 21 53.8 -0.1, NIZ Nizh Angarsk, 2.41 263, Op, P, 07 22 00.3 +0.2, CRS Chara, 2.60 71, Op, P, 07 22 06.1 -1.0, SYVR Suvo, 3.32 223, Op, P, 07 22 19.7 +0.4, TUP Tupik, 3.93 114, Op, P, 07 22 21.0 +0.1, MXMB Maximikha, 4.11 227, Op, P, 07 22 33.5 +0.7, OGRR Ongureny, 4.37 237, Op, P, 07 22 28.1 +1.2, YKLR Yukkali, 4.40 81, Op, P, 07 22 39.0 +1.2, TRG Tyrgan, 5.51 235, Op, P, 07 22 58.8 +2.2, KPC Khapcheranga, 6.51 188, Op, P, 07 23 18.2 +4.4

REY 18 07:21:42.1±0.2,64:66N-17:45W, h10km, Iceland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, IURH Urdarhals, 0.21 38, Op, P, 07 21 46.4 -0.1, ISKR Skrokkalda, 0.42 257, Op, P, 07 21 49.8 -0.4, THOR Thorvaldshraun, 0.43 49, Op, P, 07 21 50.2 -0.4, IKRE Kreppehraun, 0.47 74, Op, P, 07 21 56.8 -0.5, IJOK Jokulheimar, 0.48 225, Op, P, 07 21 50.8 -0.6, IASK Askja, 0.52 40, Op, P, 07 21 51.6 -0.7, IMKO Mokollar, 0.57 55, Op, P, 07 21 52.5 -0.7, IIEY Innrieyrar, 0.64 208, Op, P, 07 21 53.5 -0.9, IKSK Karasker, 0.65 139, Op, P, 07 21 53.5 -1.1, ISVA Svartartok, 0.69 7, Op, P, 07 21 54.4 -1.1, IKAL Kalafell, 0.72 189, Op, P, 07 21 55.0 -0.9, IVSH V-Sauoahnukur, 0.75 77, Op, P, 07 21 55.4 -1.2, IFAG Fagurholmsyr, 0.86 156, Op, P, 07 21 57.5 -1.1, IADA Aadalbakkur, 0.88 65, Op, P, 07 21 57.4 -1.6, IMEL Melhnauaur, 0.98 20, Op, P, 07 21 59.0 -1.8, IREN Reynihlio, 1.02 13, Op, P, 07 21 59.8 -1.9, ISNB Snaflil, 1.06 210, Op, P, 07 22 00.7 -1.7, IKVO Krottukotvatn, 1.09 12, Op, P, 07 22 00.9 -2.1, IGRS Grimsstaour, 1.13 29, Op, P, 07 22 01.7 -2.0, IFED Fedgar, 1.16 238, Op, P, 07 22 03.0 -1.2, IRJU Rjupnafell, 1.17 208, Op, P, 07 22 02.7 -1.6

18d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CABF, PGF, LASF, MNTV, SMF, HINF, ASQU, AVF, HAU, SSF, BGF, CPGN, MTLF, PE3, TCF, PP3.

BYKL 18 07:48:33.1±0.3,56°11N×113.69E,h6km±4km,1C,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit, YOA Uoyan, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, CRS Chara, TUP Tupik.

BYKL 18 07:48:36.0±0.3,56°11N×113.68E,h4km±5km,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, CRS Chara, TUP Tupik.

IDC 18 07:53:09.7±1.9,21°06S×179°22W,h631km±21km,mb3.1/5, mb1.3/3.6,mb1mx3/0.31,mbtmp4.2/6,Error ellipse: s-maj=26.4km s-min=21.6km az=63.0

2015 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, Vnda Vanda, QSPA South Pole Qui, AKASG Malin Array Be, BRTR Keskin Array B, GERES GERES Array B.

BYKL 18 08:08:31.7±0.6,56°07N×113.69E,h8km±10km,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, TUP Tupik.

BYKL 18 08:08:36.6±0.6,56°12N×113.75E,h13km±8km,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, TUP Tupik.

BYKL 18 08:08:40.2±0.2,56°10N×113.77E,h5km±6km,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit, NLYR Nelyaty, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, NIZ Nizh Angarsk.

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Table with columns: NIZ, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIZ 39nm,0.5s, CRS Chara, CRS Suvo, SYVR Vitim, VTMR Vitim, TUP Tupik, OGRR Ongureny, KPC Khapcheranga.

BYKL 18 08:08:47.7±0.2,56°11N×113.77E,h10km±3km,1C,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit, NLYR Nelyaty, YOA Uoyan, KMO Kumora, BOD Bodaibo, YLYR Ulyunkhan, NIZ Nizh Angarsk, CRS Chara, SYVR Suvo, VTMR Vitim, TUP Tupik, MXMB Maximikha, OGRR Ongureny, YKLR Yuktali, TRG Tyrgan, FFNB Fofonovo, KPC Khapcheranga.

BYKL 18 08:09:35.5±0.4,56°13N×113.71E,East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVKR Severomuysk, UKT Uakit.

18d 10h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details for stations like KBZ, ILAR, NEW, PDAR, ELK, etc.

TUL 18 10:17:26.7±1.2, 36.80N±0.02, 98.27W±0.05, h6km, 7km, ML3.1, mb_Lg3, 1.78(NEIC), Error ellipse: s-maj=5.6km s-min=2.9km az=98.0

ANF 18 10:17:27.5±0.3, 36.77N±0.03, 98.32W±0.06, h0km, ML3.8/11, Error ellipse: s-maj=3.7km s-min=2.9km az=39.0

NEIC 18 10:17:27.1±1.2, 36.79N±0.03, 98.24W±0.006, h8km, 7km, Error ellipse: s-maj=4.0km s-min=0.7km az=181.0

ISC 18 10:17:27.1±1.1, 36.77N±0.02, 98.24W±0.03, h6km, 10km, n14, c099/78, Oklahoma

Main station list table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like KAN14, CROK, KAN10, etc.

2015 JAN

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details for stations like BGNE, WHTX, T252, etc.

IDC 18 10:18:27.4±1.2, 23.50N±123.84E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/45, mbtms3.5/4, Error ellipse: s-maj=69.7km s-min=25.1km az=70.0

JMA 18 10:18:28.1±0.2, 24.22N±125.27E, h30km, 5km, M3.4

ISC 18 10:18:28.0±1.8, 24.23N±109.125E±0.07, h29km, 14km, n14, c099/21, mb3.5/4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like JM2J, JOGS, JIRB, etc.

NNC 18 10:26:23.9±1.1, 38.95N±71.49E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=9.0km s-min=6.1km az=3.0

KRNET 18 10:26:24.5±0.1, 39.25N±71.62E, h16km, mb2.9

ISC 18 10:26:26.9±1.9, 39.38N±0.08, 71.65E±0.04, h2km, 11km, n16, c1944/28, 22C-7D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like DRK, BTk, OHH, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details for stations like UCH, EKS2, EKS2, etc.

NNC 18 10:33:46.6±1.7, 44.45N±84.29E, h3km, 9km, mb3.7, mpv3.4, Error ellipse: s-maj=14.0km s-min=5.4km az=122.0

SOME 18 10:33:47.1, 44.45N±84.18E, h10km

ISC 18 10:33:46.6±1.7, 44.26N±0.07, 84.14E±0.08, h10km, n29, c1958/44, 4C-6D, Northern Xinjiang

Main station list table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like MK31, KTM5, KTM5, etc.

NOU 18 10:46:55.4, 15.51S±168.50E, h148km, MLV4.5, Vanuatu Islands, Vanuatu Islands

Table with columns: QUENC, PINNC, Station Name, Time, Res, etc. Includes entries for Ouen Island, N and Pines Island.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Sorong, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Warramunga Arr, Alice Springs, Makanchi Array, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for San Lorenzo, Hamahuaca, Limon Verde, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Limon Verde, POC Station P, Cafayete, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for IROC Station P, POC Station P, Yavi, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for IROC Station P, POC Station P, Yavi, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for IROC Station P, POC Station P, Yavi, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for IROC Station P, POC Station P, Yavi, etc.

Table with columns: CO01, G004, RTLL, Station Name, Time, Res, etc. Includes entries for Juntas del Tor, Tololo Observa, Cerro Villicun, etc.

Table with columns: CO03, ZON, ZON, ZON, Station Name, Time, Res, etc. Includes entries for El Pedregal, Zonda, Zonda, etc.

Table with columns: TCA, CO02, RTCV, Station Name, Time, Res, etc. Includes entries for Fanti, Combarbal, Cerro Valdivia, etc.

Table with columns: CPUP, MT02, SIV, Station Name, Time, Res, etc. Includes entries for Villa Florida, Curacav, San Ignacio, etc.

Table with columns: AQDB, PTLB, VILB, Station Name, Time, Res, etc. Includes entries for Auidauana, Pontes e Lacer, Vilhena, etc.

Table with columns: SAML, FRTB, ITRB, Station Name, Time, Res, etc. Includes entries for Samuel, Fatura, Iturama, etc.

Table with columns: PLCA, PLCA, PLCA, Station Name, Time, Res, etc. Includes entries for Paso Flores, Paso Flores, Paso Flores, etc.

Table with columns: ALFO, BSBF, RIBD, Station Name, Time, Res, etc. Includes entries for Guarapari, Santa de Sao F, Linhares, etc.

Table with columns: PMSA, TXAR, DBIC, Station Name, Time, Res, etc. Includes entries for Palmer Station, Lajitas Array, Dimbokro, etc.

Table with columns: LLP, CNOP, CNOP, Station Name, Time, Res, etc. Includes entries for Candoni, Negro, Maasin, etc.

Table with columns: OCLP, GUIM, GUIM, Station Name, Time, Res, etc. Includes entries for Ormoc, Pagadian, San Jose, etc.

Table with columns: BUKP, GLSP, GLSP, Station Name, Time, Res, etc. Includes entries for Musuan, General Luna, Davao City, etc.

Table with columns: MYLD, KKM, LUWI, Station Name, Time, Res, etc. Includes entries for Lhad Datu, Kota Kinabalu, Luwuk, etc.

Table with columns: KAPR, CMAR, CMAR, Station Name, Time, Res, etc. Includes entries for Kaping, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with columns: GSI, FITZ, WRA, Station Name, Time, Res, etc. Includes entries for Chiang Mai Arr, Fityroz Crossi, Warramunga Arr, etc.

Table with columns: ASAR, ASAR, ASAR, Station Name, Time, Res, etc. Includes entries for Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: SHLS, MK31, MKAR, Station Name, Time, Res, etc. Includes entries for Shalkode, Makanchi Array, Makanchi Array, etc.

Table with columns: ZALV, SEM, KURK, Station Name, Time, Res, etc. Includes entries for Zalesovo Beam, Semipalatinsk, Kurchatov, etc.

IDC 18 12:18:46.6-7.3,505N-123:38E, h616km, 111km, mb2.6/4, m-b1 2.0/4, mb1mx2.4-5.1, mbtmt3.7/4, Error ellipse: s-maj=134.4km s-min=29.6km az=61.0, Mindand...

IDC 18 12:33:53.0-6.9,69N-123:74E, h0km, mb4.1/17, m-b1 4.2/18, mb1mx1.7/36, mbtmt4.1/18, MS3.0/3, Ms1 3.1/2, ms1mx2.6/43, Error ellipse: s-maj=29.1km s-min=13.3km az=68.0...

IDC 18 12:33:56.3-7.6N-123:72E, h17km, MS4.0 MAN INTENSITY IV - TAGILARAN CITY; LOON AND MARIBOJOC.

IDC 18 12:34:05.1-1.8,9:66N:0:06:123:6E:0:1, h87km,9km, mb4.6/25, Error ellipse: s-maj=20.0km s-min=6.2km az=108.0

IDC 18 12:35:56.1-1.1,9:72N:0:03:123:74E:0:03, h16km,7km, n80, i:32:92, mb4.3/35, 20-22, Negros

IDC 18 12:49:45.0:6.0,56:49S:150:56W, h0km, mb3.5/2,

VOA Uoyan	1.11 271	ePg	Pb	13 20 54.5	-2.3
YOYA		Pmax		13 20 55.2	
YOYA	comp=N,976nm,0.3s	ePb	Pg	13 20 56.7	-0.1
YOYA		eSg	Sb	13 21 09.2	-2.1
YOYA		eSb	Sg	13 21 12.9	+1.7
YOYA		max		13 21 13.2	
YOYA	comp=N,3um,0.6s				
YOYA Uoyan	1.11 271	ePg	Pb	13 20 54.7	-2.1
YOYA		pmax	pmax	13 21 10.7	
YOYA	comp=Z,928nm,0.2s		smax		
YOYA	comp=N,7um,0.6s				
NLYR Nelyaty	1.17 71	ePg	Pb	13 20 55.2	-2.6
NLYR		ePb	Pg	13 20 57.3	-0.7
NLYR		max		13 20 57.5	
NLYR	comp=N,401nm,0.3s				
NLYR		eSg	Sb	13 21 11.3	-1.8
NLYR		eSb	Sn	13 21 14.7	+0.7
NLYR		max		13 21 15.1	
NLYR Nelyaty	1.17 71	ePg	Pb	13 20 54.8	-3.0
NLYR		e	pmax	13 21 10.3	
NLYR	comp=Z,434nm,0.7s		smax		
NLYR	comp=N,2um,0.8s				
KMO Kumora	1.43 262	ePg	Pn	13 21 00.0	-1.5
KMO		ePb	Pb	13 21 01.2	-0.9
KMO		max		13 21 01.5	
KMO	comp=N,1um,0.5s				
KMO		eSg	Sn	13 21 19.5	-0.8
KMO		eSb	Sg	13 21 22.2	+0.9
KMO		max		13 21 23.1	
KMO	comp=N,3um,1.1s				
KMO Kumora	1.43 262	ePg	Pn	13 20 59.9	-1.5
KMO		e	pmax	13 21 19.1	
KMO	comp=Z,1um,0.4s		smax		
KMO	comp=N,3um,1.0s				
BOD Bodaibo	1.71 5	ePg	Pn	13 21 04.7	-0.6
BOD		ePg	Pmax	13 21 05.1	
BOD	comp=N,551nm,1.1s				
BOD		eSg	Sn	13 21 27.2	0.0
BOD		Smax		13 21 28.1	
BOD	comp=N,1um,0.6s				
BOD Bodaibo	1.71 5	ePN	Pn	13 21 04.0	-1.3
BOD		e	pmax	13 21 07.6	
BOD	comp=Z,556nm,0.8s		smax		
YLVR Ulyunkhan	1.91 230	ePg	Pn	13 21 08.4	+0.3
YLVR		Pmax		13 21 08.9	
YLVR	comp=E,574nm,0.4s				
YLVR		eSg	Sb	13 21 34.6	+0.3
YLVR		Smax		13 21 36.0	
YLVR Ulyunkhan	1.91 230	ePN	Pn	13 21 08.1	0.0
YLVR		e	Sn	13 21 09.4	
YLVR		eS	Sn	13 21 32.5	+0.3
YLVR		e	pmax	13 21 33.8	
YLVR	comp=Z,193nm,0.4s		smax		
NIZ Nizh Angarsk	2.37 263	ePN	Pn	13 21 12.6	-1.8
NIZ		ePg	Pb	13 21 17.0	-1.2
NIZ		Pmax		13 21 20.6	
NIZ	comp=E,126nm,0.7s				
NIZ		eSg	Sb	13 21 48.4	+0.9
NIZ		Smax		13 21 49.8	
NIZ Nizh Angarsk	2.37 263	ePN	Pb	13 21 17.0	-1.2
NIZ		eS	Sn	13 21 42.6	-0.9
NIZ		e	pmax	13 21 49.3	
NIZ	comp=Z,200nm,0.6s		smax		
CRS Chara	2.65 71	ePN	Pn	13 21 16.5	-1.7
CRS		ePg	Pb	13 21 22.0	-0.9
CRS		Pmax		13 21 22.5	
CRS	comp=N,520nm,0.9s				
CRS		eSg	Sb	13 21 56.4	+0.9
CRS		Smax		13 21 58.4	
CRS	comp=N,792nm,0.8s				
CRS Chara	2.65 71	ePN	Pb	13 21 21.3	-1.6
CRS		e	pmax	13 21 56.0	
CRS	comp=Z,579nm,0.6s		smax		
CRS	comp=E,793nm,0.6s				
SYVR Suvo	3.27 222	ePN	Pn	13 21 25.9	-0.8
SYVR		ePg	Pb	13 21 31.6	-1.9
SYVR		e	max	13 21 33.8	
SYVR	comp=E,138nm,1.1s				
SYVR		eSg	Sb	13 22 15.1	+1.8
SYVR		Smax		13 22 21.6	
SYVR Suvo	3.27 222	ePN	Pn	13 21 25.8	-0.9
SYVR		e	pmax	13 21 33.9	
SYVR		e	pmax	13 22 15.0	
SYVR	comp=Z,139nm,0.9s		smax		
SYVR	comp=E,561nm,0.8s				
VTMR Vitim	3.39 350	ePN	Pn	13 21 27.2	-1.1
VTMR		ePg	Pb	13 21 35.7	+0.2
VTMR		eSg	Sb	13 22 17.7	+1.0
VTMR		ePg	Pb	13 21 37.9	+0.7
VTMR		eSg	Sb	13 22 24.7	+2.8
MOY Tupik	3.96 113	ePN	Pb	13 21 35.0	-1.2
TUP		ePg	Pb	13 21 43.5	-1.7
TUP		e	max	13 21 48.4	
TUP		e	max	13 21 49.1	
TUP	comp=E,56nm,0.5s				
TUP		eSg	Sb	13 22 36.1	+3.0
TUP		eSgSg	Sg	13 22 40.9	-1.5
TUP		max		13 22 41.4	
TUP Tupik	3.96 113	ePN	Pn	13 21 35.0	-1.2
TUP		e	Sn	13 21 44.6	
TUP		eS	Sn	13 22 20.0	-2.6
TUP		e	pmax	13 22 35.4	
TUP	comp=Z,56nm,0.5s		smax		
MXMB Maximikha	4.06 227	ePg	Pb	13 21 45.5	-1.5
MXMB		eSg	Sb	13 22 39.5	+3.4
CIT Chita	4.11 181	ePg	Pb	13 21 47.4	+0.5
CIT		Pmax		13 21 49.1	
CIT	comp=E,144nm,0.4s				
CIT		eSg	Sb	13 22 41.1	+3.6
CIT		Smax		13 22 46.2	
CIT Chita	4.11 181	ePN	Pn	13 21 39.4	+1.1
CIT		e	pmax	13 21 48.0	
CIT		e	pmax	13 22 43.3	
CIT	comp=Z,83nm,1.1s		smax		
OGRR Ongureny	4.32 237	ePN	Pn	13 21 41.3	+0.2
OGRR		ePg	Pb	13 21 51.4	+0.1
OGRR		Pmax		13 21 53.6	
OGRR	comp=E,83nm,1.3s				
OGRR		eSg	Sb	13 22 47.4	+4.0
OGRR		Smax		13 22 57.9	
OGRR Ongureny	4.32 237	ePN	Pn	13 21 40.7	-0.4
OGRR		e	pmax	13 21 51.4	
OGRR		e	pmax	13 22 45.2	
OGRR	comp=Z,83nm,1.3s		smax		
OGRR	comp=N,198nm,1.8s				
YKLR Yuktali	4.45 81	ePg	Pb	13 21 52.8	-0.8
YKLR		eSg	Sb	13 22 51.1	+3.9
YKLR		eSg	Sg	13 23 18.1	-5.5
ZRHB Zarechye	5.24 230	eSg	Sg	13 23 18.1	-5.5

ZRHB Smax				13 23 40.8	
TRG Tyrgan	5.46 235	ePN	Pn	13 21 56.0	-0.8
TRG		ePg	Pb	13 22 11.5	+0.7
TRG		Pmax		13 22 16.7	
TRG	comp=N,34nm,1.6s				
TRG		eSg	Sb	13 23 22.6	+6.3
TRG		Smax		13 23 27.1	
TRG Tyrgan	5.46 235	ePN	Pn	13 21 55.6	-1.2
TRG		e	Sn	13 22 11.6	
TRG		eS	Sn	13 22 57.6	-2.0
TRG		e	pmax	13 23 21.8	
TRG	comp=N,86nm,1.2s		pmax		
TRG	comp=Z,34nm,1.1s				
TRG	comp=N,87nm,1.0s				
FFNB Fotonovo	5.77 228	ePg	Pb	13 22 18.2	+2.0
FFNB		eSg	Sb	13 23 32.8	+7.4
KAB Kabansk	5.82 228	eSg	Sb	13 23 33.8	+7.2
KAB		Smax		13 23 45.0	
STDB Stepnoy Divost	5.85 231	ePg	Pb	13 22 17.9	+0.4
STDB		eSg	Sb	13 23 34.2	+6.5
HRMR Khuramsha	6.01 224	ePN	Pn	13 22 04.1	-0.4
HRMR		ePg	Pb	13 22 23.9	+3.6
HRMR		Pmax		13 22 25.8	
HRMR	comp=N,59nm,0.6s				
HRMR		eSg	Sg	13 23 41.8	-6.6
HRMR		Smax		13 23 51.0	
HRMR	comp=N,649nm,0.9s				
IENR lengra	6.23 84	eSg	Sb	13 23 46.3	+7.8
BGT Bolshoye Golou	6.36 234	ePN	Pb	13 22 07.5	-1.7
BGT		ePg	Pb	13 22 27.7	+1.5
BGT		Pmax		13 22 30.6	
BGT	comp=N,9.0nm,0.9s				
BGT		eSg	Sb	13 23 50.7	+8.4
BGT		Smax		13 23 59.6	
KPC Khapcheranga	6.48 188	ePN	Pn	13 22 09.4	-1.5
KPC		ePg	Pb	13 22 30.6	+2.4
KPC		Pmax		13 22 34.1	
KPC	comp=N,3.0nm,0.4s				
KPC		eSg	Sg	13 23 18.4	-8.7
KPC		Smax		13 24 03.8	
KPC Khapcheranga	6.48 188	ePN	Pn	13 22 09.3	-1.6
KPC		e	pmax	13 22 30.0	
KPC		e	pmax	13 23 54.4	
KPC	comp=Z,9.0nm,0.4s		smax		
LSTR Listyanka	6.75 235	ePN	Pn	13 22 13.4	-1.1
LSTR		ePg	Pb	13 22 34.6	+1.9
LSTR		Pmax		13 22 35.0	
LSTR	comp=E,10.0nm,1.2s				
LSTR		eSg	Sb	13 24 01.7	+8.4
LSTR		Smax		13 24 14.3	
IRK Irkutsk	6.76 239	eSg	Sb	13 24 03.1	+9.3
IRK		Smax		13 24 08.9	
IRK Irkutsk	6.76 239	ePN	Pn	13 22 14.6	-0.1
IRK		e	pmax	13 22 37.6	
IRK		e	pmax	13 24 04.2	
IRK	comp=Z,57nm,0.1s		smax		
IRK	comp=N,189nm,0.9s				
IVK Ivanovka	6.98 236	ePg	Pb	13 22 39.1	+2.3
IVK		Pmax		13 22 39.5	
IVK	comp=N,8.0nm,1.2s				
IVK		eSg	Sg	13 24 11.0	-8.4
IVK		Smax		13 24 17.0	
TLY Talaya	7.42 237	ePg	Pb	13 22 42.2	-2.0
TLY		Pg	Pb	13 22 42.2	-2.0
TLY	comp=N,0.0nm,0.3s,baz=32,slow=19,SNR=2.2		Lg	13 24 24.9	
TLY	comp=N,0.0nm,0.3s,baz=276,slow=21,SNR=5.6		Lg	13 24 24.9	
TLY		ePN	Pn	13 22 22.4	-1.4
TLY		ePg	Pb	13 22 47.7	+3.5
TLY		Pmax		13 22 52.4	
TLY	comp=N,20nm,1.6s				
TLY		eSg	Sg	13 24 23.9	-1.0
TLY		Smax		13 24 33.3	
TLY Talaya	7.42 237	ePg	Pb	13 22 49.1	+4.9
TLY		e	pmax	13 24 24.8	
TLY	comp=Z,13nm,0.7s		smax		
TLY	comp=E,54nm,0.7s				
HIA Hailar	7.78 149	iPN	Pn	13 22 29.4	+0.7
ARS Arshan	7.86 242	ePN	Pb	13 22 29.0	-0.8
ARS		ePg	Pb	13 22 55.7	+3.9
ARS		Pmax		13 22 58.3	
ARS	comp=E,20nm,0.8s				
ARS		eSn	Sn	13 23 55.6	-3.3
ARS		eSg	Sb	13 24 36.9	+1.1
ARS		Smax		13 24 40.3	
ARS	comp=E,137nm,1.0s				
ARS Arshan	7.86 242	ePg	Pb	13 22 54.8	+3.0
ARS		pmax	pmax		
ZEA Zeya	8.16 101	ePg	Pb	13 23 02.4	+5.7
ZEA		eS	Smax	13 24 09.9	+4.0
ZEA	comp=E,50nm,0.7s		smax		
ZAK Zakamensk	8.49 232	eSg	Sg	13 24 57.8	-10
ZAK		Smax		13 25 15.8	
MOY Mondy	8.73 245	ePN	Pn	13 22 40.7	-1.1
MOY		max		13 22 42.8	
MOY	comp=N,11nm,1.4s				
MOY		eSg	Sg	13 25 03.5	-1.2
MOY		Smax		13 25 10.1	
MOY Mondy	8.73 245	ePN	Pn	13 22 41.0	-0.8
MOY		e	Sn	13 23 11.3	
MOY		e	Lg	13 25 06.0	
ORL Orlik	8.88 252	ePN	Pn	13 22 42.6	-1.2
ORL		max		13 22 57.6	
ORL	comp=N,14nm,1.4s				
ORL		eSg	Sg	13 25 07.9	-1.2
ORL		Smax		13 25 18.7	
ORL Orlik	8.88 252	ePN	Pn	13 22 42.6	-1.2
ORL		eS	Sn	13 23 16.6	
ORL		e	Sn	13 24 20.1	-3.7
ORL		e	pmax	13 25 07.8	
ORL	comp=Z,13nm,0.6s		smax		
ORL	comp=N,62nm,1.9s				
ULN Ulanbator	9.22 209	iP	Pn	13 22 52.2	+3.6
SONM Songino Array	9.44 212	Pn	Pn		

Table with columns: NIZ, CRS, SYVR, VTMR, KHNR, TUP, MXBM, OGRR, YKLR, TRG, KPC. Includes station names, coordinates, and various parameters.

ANF 18 13:23:41.9-0.1,33:34N,116:34W,h18km,1km,ML3.6/37, Error ellipse: s-maj=1.3km s-min=1.1km az=73.0
NEIC 18 13:23:42.5-0.8,33:338N,0:008-116:35W,0:01, h19km,1km, Error ellipse: s-maj=1.7km s-min=0.6km az=132.0
PAS 18 13:23:43.0-1.2,33:338N,0:009-116:332W,0:010, h13km,2km,ML3.7/200,ML3.4/84(NEIC), Error ellipse: s-maj=1.3km s-min=1.2km az=216.0
ISC 18 13:23:42.8-0.9,33:32N,0:01-116:33W,0:01,h18km,3km, n171,0:096/229,Southern California

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like BORC, SLH, FRD, etc.

Main table with columns: SDRC, 109C, 109C, BEBSC, BC3, BC3, BC3, TPC, OLP, SNR, CFT, GTM, SLE, SVD, TJX, TJX, TJX, UABX, UABX, UABX, UABX, CBX, CBX, CBX, CBX, RSB, RSB, RSB, RSB, BBR, BBR, BTR, RVR, COA, MLSC, CPBX, EMSC, GLA, GLA, GLA, GLA, IRM, IRM, IRM, IRM, SS2, ESJX, ESJX, BFSC, BFSC, BFSC, PSRC, CCX, CCX, HEC, HEC, HEC, GMRC, GMRC, GMRC, BLY, BLY, RRX, FMP, FMP, MWC, PASC, PASC, PASC, SC12, DECC, DECC, GSC, GSC, GSC, NEE2, NEE2, EDW2, EDW2, OSI, OSI, OSI, OSI, OSI, SPX, SPX, LRM, LRM, SHOC, SFX, SFX, SNCC. Lists various stations and their parameters.

Main table with columns: SNCC, W13A, W13A, ARVC, ARVC, MPMC, MPMC, ISA, ISA, ISA, ISA, PIX, SBC, FURC, 214A, 214A, SHPR, TPNV, TPNV, TPNV, GRAC, GRAC, PRN, PRN, PRN, X16A, LCMT, LCMT, U15A, U15A, WUAZ, WUAZ, WUAZ, KNB, KNB, KNB, MLAC, TUC, TPH, OMMB, OMMB, MDPB, MDPB, MDPB, CCUT, SZCU, SZCU, R11A, R11A, R11A, LHV, LHV, PKCU, X18A, PSUT, W18A, MTPU, 121A, PV17, PV13, PV14, PV03, PV11, PV04, PV12, BNM. Lists various stations and their parameters.

PAS 18 13:24:37.9-0.9,33:337N,0:008-116:33W,0:01, h13km,2km,ML2.7/23,ML2.6/12(NEIC), Error ellipse: s-maj=1.3km s-min=1.1km az=58.0
NEIC 18 13:24:37.3-0.7,33:34N,0:01-116:35W,0:02,h18km,2km, Error ellipse: s-maj=2.1km s-min=1.4km az=67.0, Southern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like BORC, SLH, FRD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Carrizo Plain, Polly Butte, Frink, E Wide Canyon, etc.

IDC 18 13:37:38.6:2.4, 6:30S: 130.12E, h92km, 28km, mb3.0/2, m1 3.6/7, mb1mx3.3/37, mbtmp3.3/7, Error ellipse: s-maj=4.0km, s-min=2.1km az=94.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SAKI, FAUK, SIJI, SOI, SUE, BATI, etc.

JMA 18 13:37:38.2:0.7, 6:24S: 0.06:130.16E:0.09, h100km, m2.0, az=297/20, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WRA, WB2, WR0, WRO, WRA, WRA, etc.

JMA 18 13:51:20.8:0.1, 35:67N: 140.74E, h49km, 2km, M3.5 Broadband fault plane solution: P waves. NP1: phi=71.00000, delta=0.00000, lambda=1.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:43:58.0:0.9, 36:26N: 142.07E, h0km, mb3.7/9, m1 3.9/12, mb1mx3.7/44, mbtmp3.7/12, ML3.3/3, Error ellipse: s-maj=24.0km, s-min=18.9km az=97.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JHTV, JHO, etc.

IDC 18 13:43:58.0:2.0, 36:29N: 0.04:141.95E:0.05, h19km, n64, az=152/62, mb3.9/15, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JMM, JMM, BSO, BSO, etc.

JMA 18 13:51:20.8:0.1, 35:67N: 140.74E, h49km, 2km, M3.5 Broadband fault plane solution: P waves. NP1: phi=71.00000, delta=0.00000, lambda=1.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:51:22.5:1.6, 35:75N: 140.71E:0.09, h51km, 10km, mb4.0/8, Error ellipse: s-maj=10.1km, s-min=8.1km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:51:25.2:1.6, 35:55N: 140.739E, h73km, 16km, mb3.4/18, m1 3.6/20, ms1mx2.8/28, Error ellipse: s-maj=19.9km, s-min=10.8km az=79.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:51:28.0:1.7, 35:67N: 0.04:140.81E:0.05, h44km, 6km, n75, az=146/70, mb3.8/24, MS3.1/3, 1C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:55:03.1:0.2, 35:67N: 140.76E, h49km, 2km, M3.2 Broadband fault plane solution: P waves. NP1: phi=143.00000, delta=0.00000, lambda=0.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ASAJ, ASAJ, KRSR, KRSR, etc.

JMA 18 13:55:03.1:0.2, 35:67N: 140.76E, h49km, 2km, M3.2 Broadband fault plane solution: P waves. NP1: phi=143.00000, delta=0.00000, lambda=0.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:55:06.1:2.3, 35:55N: 140.748E, h62km, 21km, mb3.3/12, m1 3.4/14, mb1mx3.3/49, mbtmp3.6/14, MS2.7/1, M1 2.7/1, ms1mx2.1/26, Error ellipse: s-maj=26.5km, s-min=12.5km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:55:04.2:0.8, 35:85N: 0.05:140.78E:0.07, h44km, 6km, n35, az=110/32, mb3.6/13, 1C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:55:03.1:0.2, 35:67N: 140.76E, h49km, 2km, M3.2 Broadband fault plane solution: P waves. NP1: phi=143.00000, delta=0.00000, lambda=0.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHJO, CHJO, JSMT, JSMT, etc.

IDC 18 13:55:03.1:0.2, 35:67N: 140.76E, h49km, 2km, M3.2 Broadband fault plane solution: P waves. NP1: phi=143.00000, delta=0.00000, lambda=0.00000

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SONM Songino Array, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

IDC 18 14:02:18.4:3.5,29.47N:80.75E,h0km,mb3.4/4, mb1 3.5/6,mb1mx3.2/50,mbtmp3.4/6,ML3.4/2,Error ellipse: s-maj=130.2km s-min=22.9km az=69.0, Nepal-India border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arr, etc.

JMA 18 14:03:20.2:0.1,22.68N:121.41E,h17km,5km,M3.9, NEIC 18 14:03:21.0:0.9,22.71N:121.37E:0.06,h12km,6km, Error ellipse: s-maj=8.3km s-min=3.2km az=68.0, TAP 18 14:03:22.8,22.77N:121.26E,h18km,ML.4,1,B, IDC 18 14:03:29.7:3.8,22.28N:120.82E,h80km,33km,mb3.1/8, mb1 3.3/8,mb1mx3.1/45,mbtmp3.4/8, Error ellipse: s-maj=36.9km s-min=18.0km az=69.0

ISC 18 14:03:22.6:0.7,22.73N:102.121.34E:0.02,h24km,4km, h176,σ127/270,mb3.6/15,15C-19D,Taiwan region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like LDUT Ludao, LONT Longtian, TWG Pinlang, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like EHY Hungye, SGST Jiashian, SGLT Jiouru, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WSF Szu, WHF Hehuan Shan, WWHF Wufeng, etc.

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

IDC 18 14:04:55.9, 2.5, 35.67N, 140.196E, h41km, 22km, mb3.3/8, mb1 3.5/11, mb1mx3.3/48, mbtmp3.6/11, ML3.2/3, MS2.8/5, Ms1 2.8/5, ms1mx2.6/30, Error ellipse: s-maj=31.0km s-min=12.2km az=88.0

JMA 18 14:04:57.0, 3.35, 35.70N, 140.196E, h51km, 7km, n32, r160/29, mb3.6/8, 1C-SD, Near east coast of eastern Honshu

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

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

NEIC 18 14:13:35.5, 2.1, 16.6S, 0.2x13.7W, 0.1, h10km, 2km, mb4.6/5, Error ellipse: s-maj=40.6km s-min=1.1, 1.1km az=150.0

IDC 18 14:13:35.8, 7.6, 16.146S, 13.72W, h0km, mb4.2/4, mb1 4.1/4, mb1mx3.8/30, mbtmp4.2/4, MS3.6/11, Ms1 3.6/11, ms1mx3.4/23, Error ellipse: s-maj=33.4, 7km s-min=12.7km az=100.0

ISC 18 14:13:35.5, 1.7, 16.7S, 0.3x13.7W, 0.1, h10km, n19, r1610/10, mb4.5/6, MS3.7/11, Southern Mid-Atlantic Ridge

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

GUC 18 14:14:46.3, 0.7, 30.93S, 71.72W, h31km, 4km, ML3.8

NEIC 18 14:14:47.5, 2.1, 30.88S, 0.1x71.88W, 0.07, h36km, 15km, Error ellipse: s-maj=9.2km s-min=1.5km az=84.0

ISC 18 14:14:43.5, 3.4, 30.88S, 0.03x71.95W, 0.06, h7km, 23km, n42, r161/50, 3C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO03, CO03, CO04, etc.

ROC1 El Roble 2.23 159 Pn 14 15 21.6 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROC1, ROC2, ROC3, etc.

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

IDC 18 14:28:19.2, 5.3, 16.145S, 15.67W, h0km, mb4.0/3, mb1 4.0/3, mb1mx3.6/33, mbtmp4.0/3, MS3.5/7, Ms1 3.4/7, ms1mx3.1/25, Error ellipse: s-maj=480.7km s-min=72.3km az=112.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10S2, H10S3, DBIC, etc.

TAP 18 14:34:59.6, 23.75N, 122.82E, h68km, 1km, ML2.2, D, Taiwan region

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

18d 16h

2015 JAN

Table with columns: UCH, UCHtr, SNR, 54.40, 302, P, P, 16 24 37.7 +1.0, SVE, comp=Z,62nm,1.5s, pmax, pmax, SVE, comp=Z,943nm,16.0s, MLR, MLR, SMDO, comp=Z,40nm,1.7s, 73.83, 287, P, P, 16 26 45.4 +1.3

Table with columns: WHY, ARU, Arti, 60.59, 34, P, P, 16 25 20.1 +0.5, Whitehorse, 61.75, 321, c/P, P, 16 25 27.7 +0.4, comp=Z,60nm,1.3s, MLR, MLR, comp=Z,2,um,17.0s, 61.75, 321, P, P, 16 25 26.8 -0.5

Table with columns: SMDO, Samad, SNR=6.4, 73.83, 287, P, P, 16 26 45.4 +1.3, SMDO, SNR=6.4, 73.83, 291, i/P, P, 16 26 45.5 +0.7, BANAM, Banah, SNR=6.1, 73.98, 291, P, P, 16 26 46.7 +1.8, BANAM, Banah, SNR=5.1, 73.98, 291, P, P, 16 26 46.7 +1.8

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KSP, MORC, MORC, MORC, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like WMOK, LSQO, TXAR, TXAR, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like comp=2.3,0m,0.8s, MYLM, LYLD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N2 WAKE ISLAND, H11N3 WAKE ISLAND, NWAO Narrows (SRO), STKA Stephens Creek, etc.

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, SONMI Songoing Array.

IDC 18 17:28:02.3-1.7, 8.72N-124.84E, h0km, mb3.5/4, mb1.3, 6/4, mb1mx3.3/37, mbtmp3.5/4, Error ellipse: s-maj=162.9km s-min=26.8km az=76.0, blindanao

IDC 18 17:31:25.2-2.1, 6.95S-129.61E, h153km, 25km, mb3.2/2, mb1.3, 5/7, mb1mx3.2/31, mbtmp3.9/7, Error ellipse: s-maj=34.9km s-min=19.4km az=92.0

IDC 18 17:31:23.1-0.8, 7.07S-129.78E, 0.10, h150km, n7, c#298/13, Banda Sea

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

IDC 18 17:33:18.6-2.0, 0.44N-92.41E, h0km, mb3.4/5, mb1.3, 5/7, mb1mx3.3/40, mbtmp3.4/7, ML3.4/1, Error ellipse: s-maj=46.9km s-min=30.1km az=39.0

IDC 18 17:33:21.1-1.5, 0.60N-0.927E, 0.11, h10km, n8, c#196/8, mb3.6/5, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, PALK Pallekele, CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, BRTR Keskin Array B.

UPA 18 17:50:35.6-0.9, 9.91N-78.30W, h33km, 13km, MW4.2, ISA 18 17:50:34.3-1.4, 9.96N-0.08-78.25W, 0.03, h48km, 36km, n50, c#996/94, 1C-12Z, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNTA3 Canitas, Chepo, Meteti, Madden Dam, Capurgana, UPD2 Meteti, MAD3 Madden Dam, CAP2 Capurgana, UPA Univ. de Panama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TABO3 Taboga, Panama, BCIP Isla Barro Col, SPIL Cristobal, CHOR3 La Chorrera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJCC San Jacinto, UREC San Jos de Ur, DBBC Dabeiba, CACAO El Cacao, GMAL Guarumal, etc.

IDC 18 17:54:51.4-0.5, 5.1133N-178.90W, h0km, mb4.3/33, mb1.4, 5/34, mb1mx4.4/51, mbtmp4.3/34, ML4.7/1, MS3.6/10, Ms1.3, 6/10, ms1mx3.2/51, Error ellipse: s-maj=17.2km s-min=10.3km az=161.0

AEIC 18 17:54:56.0-2.4, 5.109N-0.08-178.89W, 0.04, h28km, 5km, ML4.4/43, mb4.5/83(NEIC), Error ellipse: s-maj=11.9km s-min=3.1km az=167.0

MOS 18 17:54:55.7-1.0, 5.138N-178.91W, h37km, mb4.6/17, Error ellipse: s-maj=10.3km s-min=7.2km az=90.3

NEIC 18 17:54:57.6-1.8, 5.123N-0.09-178.90W, 0.05, h40km, 7km, Error ellipse: s-maj=12.5km s-min=4.7km az=174.0

ISC 18 17:54:56.8-0.4, 5.120N-0.08-178.90W, 0.03, h35km, n292, c#19/290, mb4.5/92, MS3.7/11, 13C-19D, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBOC Ciudad Bolivar, PTBC PUERTO BERRIO, OCAC Ocaana, PAMC Pamplona, SDV Santo Domingo, GALLA Gareloi Lava, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAEAE Gareloi East, TASE Tanaga Southeast, CERRA Semis' Rag'd T, AMKA Amchitka, CEBR Semis' Cerberu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADK Adak, ADAG Mount Adagadk, LSPA Little Sitkin, LSSA Little Sitkin, LSNW Little Sitkin, GSTD Great Sitkin T, GSTD Great Sitkin M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANM Nome, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TTA Talatina, CNPM China Pool, BRLL Bradley Lake, SSKT Skwernta, PPLA Purkeypile, SUA Susipina One, SEW Seward, KTH Kantishna Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SEY Seymour, GHO Glory Hole, TRF Thorafore Mountain, BPAW Bear Paw Mtn, KNK Knik Glacier, IMAR Indian Mountai, SML Sawmill, etc.

IDC 18 17:54:56.8-0.4, 5.120N-0.08-178.90W, 0.03, h35km, n292, c#19/290, mb4.5/92, MS3.7/11, 13C-19D, Andeanof Islands

IDC 18 17:54:56.8-0.4, 5.120N-0.08-178.90W, 0.03, h35km, n292, c#19/290, mb4.5/92, MS3.7/11, 13C-19D, Andeanof Islands

IDC 18 17:54:56.8-0.4, 5.120N-0.08-178.90W, 0.03, h35km, n292, c#19/290, mb4.5/92, MS3.7/11, 13C-19D, Andeanof Islands

IDC 18 17:54:56.8-0.4, 5.120N-0.08-178.90W, 0.03, h35km, n292, c#19/290, mb4.5/92, MS3.7/11, 13C-19D, Andeanof Islands

IDC 18 17:54:56.8-0.4, 5.120N-0.08-178.90W, 0.03, h35km, n292, c#19/290, mb4.5/92, MS3.7/11, 13C-19D, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCB Clear Creek Bu, COLA College, HDA Harding Lake, PAX Paxson, N25K Chitina, IL31 Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARM Barnard Glacier, FYU Fort Yukon, BCAR Beaver Creek A, K27K Chicken, BMAR Burnt Mountain, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TYV Tymovskoe, ASAJ Asahikawa, INAK Inuvik, INK Inuvik, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLR Kul'dur, USRK Ussuriysk Arr, H11N2 WAKE ISLAND, H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

Table of station data for the left column, including call signs like NEW, KSR, JNU, BMO, etc., and their respective coordinates and frequencies.

Table of station data for the middle column, including call signs like AAK, AKTO, NB2, NOA, etc., and their respective coordinates and frequencies.

Table of station data for the top right section, including call signs like H03N2, H03N1, H03N3, etc., and their respective coordinates and frequencies.

GUC 18 16:07:18.4,0.4,23.975,67.14W,h250km,77km,ML3.7, 7C,4D,Chile-Argentina border region

Table of station data for the GUC region, including call signs like LVC, G002, PB09, etc., and their respective coordinates and frequencies.

UPA 18 18:09:34.0,1.7,9.50N,85.33W,h14km,21km,MW4.4 UCR 18 18:09:34.0,1.3,9.38N,85.25W,h5km,MW4.2

Table of station data for the UPA and UCR regions, including call signs like LAFE, JACO, DUNO, etc., and their respective coordinates and frequencies.

IDC 18 18:07:53.6,16.24S,173.37W,h0km,mb3.7/4, mb1.4/0.4,mb1mx3/7.33,mbtmp3.7/4,MS3.4/2,ms1mx2.7/36,Error ellipse: s-maj=190.2km

Table of station data for the IDC region, including call signs like HNR, WRR, ASAR, etc., and their respective coordinates and frequencies.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H10N1 ASCENSION HYDR, H10N3 ASCENSION HYDR, H10N2 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H01W3 Cape Leeuwin H, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MOCB Mochara, YJA Yavi, PB09 IPOC Station P, etc.

18d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CIGO, UAF, Yank, COLA, MDM, P508, etc.

2015 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Redoubt, Seward, North Crescent, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LFRS, CMIG, Matias Romero, etc.

Table with columns: BRTR, Keskin Array B, 21.30 313 P, 20 03 35.0+0.7, etc.

NEIC 18 20:10:38.2±1.5, 2.89N:0.0±0.08E, 125.91E:0.09, h139km, 3km, mb4.6/28, Error ellipse: s-maj=13.8km s-min=11.3km az=56.0

DJA 18 20:10:38.9±0.2, 3.1N:3.12E, h134km, 3km, M4.7/36, mb4.7/36, mb5.4/9, MLV4.7/17, Mw(m)B4.8/9, MwMwp7.5/1, Mwp7.2/1

IDC 19 20:10:38.8±1.2, 2.79N:125.64E, h144km, 11km, mb4.0/28, mb1.4/32, mb1mx3.9/53, mbtmp4.4/32, Error ellipse: s-maj=17.2km s-min=7.1km az=67.0

KLM 18 20:10:39.2±1.1, 2.81N:126.04E, h140km, mb4.8, ISC 18 20:10:39.6±0.3, 2.87N:10.04E:125.82E:0.05, h150km, n147, s1547/155, mb4.6/63, 2C-1D, Talaud Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists various seismic stations and their data.

Main table with columns: CHTO, Chiang Mai, 30.71 303 P, 20 16 40.9+0.2, etc. Lists various seismic stations and their data.

Table with columns: PB14, IPOC Station P, 3.00 275, etc. Lists various seismic stations and their data.

MDD 18 20:36:53.6±0.7, 36.49N:7.17W, h30km, mbLg2.4/10, Error ellipse: s-maj=7.7km s-min=3.9km az=18.0, PRXIMO MDD EMS: I-II INTENSIDAD MAXIMA. INMG 18 20:36:53.8±1.4, 36.46N:7.19W, h31km, mbL2.1, Error ellipse: s-maj=3.4km s-min=3.2km az=37.0

SFS 18 20:36:53.0, 36.48N:7.18W, h41km, ML4.2, GOLFO DE CADIZ

IGIL 18 20:36:54.6, 36.46N:7.18W, h31km, ML1.9, ISC 18 20:36:52.2±0.5, 36.50N:0.05E:15W:0.03, h37km, 6km, n61, c122/106, 3C, Strait of Gibraltar

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists various seismic stations and their data.

GUC 18 20:18:59.3±0.5, 23.33S:67.30W, h235km, 7km, ML3.9, 100% 2D, Chile-Argentina border region

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LAMP, VNA2, VNA1, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CLL, CLLL, CLLC, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABTA, DAVA, DAVA, etc.

18d 21h

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARLS, MNAS, IUG, UCH, MRKS, CHM, EKS2, DZA, AAK, KK31, KBK, CHMS, ULHL, USP, TKM2, SGDS, KST, DGS, IZV, KRBS, TNSS, MDOK, KOTS, KTBS, AB31, AKTO.

Table with columns: JIH, JNTH, JNTH, JNTH, JOW, JYRO, JOKE, JIKM, JTK, JIRB, JIRB, JOGS, JOGS, JMJ2, JAMN, JAMN, JISG, JISG, JAM, JAM, JIMZ, JIMZ, JKDJ, JKDJ, KSRs, USRK, SONM, MKAR, ZALV, WRA. Includes stations like Iheya, Nagotoyohara, Tamagusuku3, Kunigami, Yoronjima, Okinoerabujima, Okemajima, Tokunoshima, Irabujima, Gusukube, Miyako jima3, Amaminishikomi, Tarama, Ishigakijimahi, Amami Oshima, Ishigaki jima, Minamidaito 2, Kitadaitoujima, Korea Array, Ussuriysk Ar., Songo Array, Makanchi Array, Zalesovo Beam, Warramunga Arr.

JMA 18 21:53:32.6, 0.1, 23.69N, 121.53E, h0km, M3.0
TP 18 21:53:33.9, 23.74N, 121.40E, h21km, ML3.8, C
ISC 18 21:53:34.1, 0.9, 23.73N, 121.44E, 0.02, h20km, 2km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EGFF, EGFF, ESL, ESL, HGSD, HGSD, EHY, EHY, HWA, HWA, YULB, YULB, TWD, TWD, EYUL, EYUL, TWF1, TWF1, CHGB, CHGB, WHF, WHF, SSSL, SSSL, NACB, NACB, ETLH, ETLH, YUS, YUS, SMLT, SMLT, WPL, WPL, WHYT, WHYT, FULB, FULB, FUSS, FUSS, DPDB, DPDB, TYC, TYC, TWT, TWT, TDCB, TDCB, ALS, ALS, CHKT, CHKT, WJS, WJS, WJS, WJS, ELDTW, ELDTW, NNSB, NNSB.

Table with columns: NNSB, NNSH, NNS, NNS, WHP, WHP, WNT, WNT, CHNS, CHNS, WNT1, WNT1, WNT1, ENA, ENA, WWF, WWF, WWF, WWF, EDH, EDH, EDH, ENAH, ENAH, WKG, WKG, WKG, WKG, TCU, TCU, WDLH, WDLH, WDLH, CHN4, CHN4, LONT, LONT, TWQ1, TWQ1, TWQ1, NDT, NDT, WCHH, WCHH, WTP, WTP, WTP, CHN2, CHN2, ENT, ENT, ENT, NSY, NSY, NSY, YHNB, YHNB, YHNB, NSK, NSK, NSK, TWC, TWC, TWC, WDJ, WDJ, CHY, CHY, CHY, TWGB, TWGB, TWGB, WTK, WTK, WTK, NSTT, NSTT, NSTT, TWK, TWK, TWK, LIOB, LIOB, LIOB, CHN1, CHN1, NMLH, NMLH, NMLH, SNST, SNST, SNST, RNLB, RNLB, RNLB, TWE, TWE, TWE, SGST, SGST, SGST, SLGT, SLGT, SLGT, NWLTL, NWLTL, NWLTL, LDUT, LDUT, LDUT, HSN1, HSN1, HSN1.

IDC 18 21:49:38.5, 28.0, 25.92N, 127.06E, h296km, 148km, mb3.0/3, mb1 2.9/5, mb1mx2.5/4, mbtmp3.6/5, MS3.3/1, Ms1 3.3/1, ms1mx2.5/10, Error ellipse: s-maj=319.7km s-min=75.3km az=157.0
JMA 18 21:49:46.3, 0.4, 27.39N, 126.08E, h209km, M3.3
ISC 18 21:48:45.1, 0.9, 27.29N, 126.12E, 0.07, h225km, 10km, n26, c1966/41, mb3.4/3, Northwest of Ryukyu Islands

Table with columns: ICHU, Yijihu, 1.13 251 eP, Pb, 21 53 55.1 +0.2, DALK Dalny, 1.51 246 PN, Pn, 21 55 29.0 +0.4, WRA Warramunga Arr, 76.84 206 P, P, 22 06 50.5 -0.3

KRSC 18 21:55:02.1+1.0, 53.66N-161.12E, h7km, mb4.4, MOS 18 21:55:03.8+0.8, 53.65N-161.05E, h55km, mb4.0/1, Error ellipse: s-maj=1.1km s-min=4.6km az=76.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, SPN Mys Shipunski, 0.84 227 PN, Pn, 21 55 19.2 -0.2, UGLR Ugllovaya, 1.40 252 eP, S, 21 55 45.5 +0.8

Table with columns: DALK Dalny, 1.51 246 PN, Pn, 21 55 29.0 +0.4, WRA Warramunga Arr, 76.84 206 P, P, 22 06 50.5 -0.3, ASAR Alice Springs, 80.52 205 P, P, 22 07 12.5 +1.5

KRSC 18 21:55:04.0+1.1, 53.67N-161.04E, h46km, 10km, n109, e1946/196, mb3.9/21, MS3.1/4, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, SPN Mys Shipunski, 0.84 227 PN, Pn, 21 55 19.2 -0.2, UGLR Ugllovaya, 1.40 252 eP, S, 21 55 45.5 +0.8

Table with columns: WRA Warramunga Arr, 76.84 206 P, P, 22 06 50.5 -0.3, ASAR Alice Springs, 80.52 205 P, P, 22 07 12.5 +1.5, ESDC Souda Array, 86.13 348 P, P, 22 07 40.7 +0.8

IDC 18 22:27:50.9-1.2, 64.59N-17.54W, h0km, mb3.9/20, mb1.4/1/24, mb1mx3.9/47, mbtmp3.9/24, ML2.5/3, MS3.4/16, Ms1 3.4/16, ms1mx3.2/55, Error ellipse: s-maj=18.2km s-min=6.3km az=13.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, SPN Mys Shipunski, 0.84 227 PN, Pn, 21 55 19.2 -0.2, UGLR Ugllovaya, 1.40 252 eP, S, 21 55 45.5 +0.8

Table of astronomical observations for stations GRF through OBN. Columns include station name, coordinates, time, and various observation parameters like elevation and signal strength.

Table of astronomical observations for stations OBN through PV14. Columns include station name, coordinates, time, and various observation parameters like elevation and signal strength.

Table of astronomical observations for stations PV16 through HSRG. Columns include station name, coordinates, time, and various observation parameters like elevation and signal strength.

IDC 18 22:47:44.81-1.4, 2.445:141°19'E, h10km, mb3.3/3, mb1 3.8/4, mb1mx3.5/3, mbtmp3.5/4, ML3.9/1, MS2.6/2, Ms1 2.6/2, ms1mx2.4/2, Error ellipse: s-maj=17.6km s-min=10.9km az=170.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Lists stations like JAY, HDA, DOT, BPWA, ZALV, KURK, KURB, ANK, SKT, GEYT, BOZ, DGZ, SEY, MK31, MKAR, MKAR, TORD, BW06, PD31, PDAR, PDAR, AAK, AAK, AAK, N23A, N23A, WMOK, WMOK, MA2, MA2, PV04, SRU, SRU, PV14.

TEH 18 22:51:39.5, 32.73N:47.54E, h10km, ML3.0, KISR 18 22:51:39.9, 0.8, 32.73N:47.60E, h14km, 6km, ML3.0, H2002 not reviewed by the ISC, ISC 18 22:51:41.1, 1.1, 32.72N:0.04, 47.55E:0.04, h10km, n25, e1904/29, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Lists stations like IKFM, IKFM, IKMR, IKMR, IKMR, IBDR, IBDR, IBDR, KCHF, KCHF, AHWZ, KER, IBZA, IGHG, IGHG, AMIS, AMIS, NSR, NSR, IALM, IDHR, IDHR, HSRG, HSRG.

Table with columns: RKT, Rikitea, 28.05 288 eLQ, LQ, 23 25 14.0, PLCA, Paso Flores, 28.21 112 P, P, 23 19 28.9 -0.5, etc.

Table with columns: PCMB, Pacacambu, 49.37 89 eP, P, 23 22 26.7 +0.4, JTS, Las Juntas de, 49.55 28 P, P, 23 22 26.7 -0.9, etc.

Table with columns: JCT, Junction City, 65.76 6 P, P, 23 24 21.1 -0.3, 435B, Jarrell, 66.28 8 P, P, 23 24 24.5 -0.2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like CCIG, JTS, JTS, ESPN, CMIG, TEIG, TLIG, FSCY, ZAGS, ROSC, HKD, SDV, TIGA, 250A, 250A, SDD, VBMS, 435B, NATX, 237A, JCT, LRAL, WHTX, 154A, Z41A, HP1G, 251A, Y45A, WLAR, TXAR, TX31, TX32, Y49A, CCAR, HO6E1, OXF, X48A, Z35A, X40A, ABTX, FPAL, MIAR, X51A, ICMP, W41B, W39A, HBAR, LPAR, GNSR, Y59A, FCAR, PEBM, LCAR, W35A, TKL, CLTN, GLAT, WMOK, FNO, U40A, TUL1, HHAR, PARMO, OK025, U49A, MNTX, PBOM, CBCK, U85A, OK030, OK031, OK03, T42A, QUOK, M5TX, MGMO, U54A, S44A, SIUC, S39A, KAN13, CCM, KAN01, WCI, R40A, KAN12, 121A, Q44A.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like Q44A, BNM, P40A, KSU1, CBKS, SFIN, TUC, N41A, L42A, S22A, X16A, JFWF, PV12, PV17, PV16, K31A, Q16A, SPMN, SADO, REDW, SNOW, AGMN, NVAR, LHV, DGMT, ULM, PATCX, YKA, DLBC, PLCA, INK, INK, ILAR, ILAR, SONM, MKAR, LZH, CMAR, IDC 18 23:38:02.5, ESQI, CMIG, TXAR, TKL, NVAR, YKA, CMAR, IDC 18 23:37:50.2, IDC 18 23:45:38.8, NEIC 18 23:45:38.4, IDC 18 23:45:42.8, GUMO, GUMO, GUMO, GUMO, JAY, FAK, JCI, WBO, WBO, WRD, WRAB, WRB, WRA, WC3, JNU, ASAR, KSR5, USRK, CMAR.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PETK, SONM, MKAR, MAKZ, ZALV, KURK, PRP, HRA, AB06, AB07, AB02, AB01, AB03, AB05, AB04, AB08, AB09, YK0A, MOD, ISA, MWC, CPUP, SNET, INET, UCR, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HZTE, GBSS, GB1A, BUEV, LAPC, BUAI, GSP2, HORN, COLC, CUI, ORTO, GUAI, PLVR, PTEN, ACAL, DUNO, JTS, ARE1, LAFE, JACO, CNCH, CNCH, LCND, LGND, TGUH, RANC, DRKO, EDPN, PIRO, PMON, PMON, TACO, TACO, ISN, TEH, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table with columns: Call Sign, Frequency, Mode, Power, Station Name, and other technical details. Includes stations like JCTA, N41A, ISCO, ECSD, P43A, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Station Name, and other technical details. Includes stations like SKI, TBVI, CDVI, MLYT, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Station Name, and other technical details. Includes stations like SATY, SATY, KPKS, UZB, KURS, etc.

TRN 1901:07:26.6, 18.12N:63.54W, h106km, MD3.8
RSRP 1901:07:27.9, 17.90N:63.64W, h130km, 4km, MD3.8/5
NEIC 1901:07:28.3-1.1, 18.0N:0.2-63.61W:0.10, h114km, 15km,
Error ellipse: s-maj=33.8km s-min=3.9km az=202.0

NNC 1901:07:17.0:7.0, 6.43:18N:78:57E, h0km, mb2.8, mpv2.7,
Error ellipse: s-maj=4.5km s-min=3.7km az=171.0
SOME 1901:17:01.8, 43:22N:78:55E, h5km
ISC 1901:17:01.7:0.9, 43:20N:0:03:78:56E:0:02, h7km, 9km,
n16, 0:0535/31, 4D, Lake Issyk-Kul region

1901:01:15:47.7:4.1, 6:27S:149:71E, h53km, 38km, mb3.79,
mb1 3.9/10, mb1mx3.8/30, mbtmp4.0/10, ML3.0/1, MS3.1/2,
Ms1 3.1/2, ms1mx2.6/38, Error ellipse: s-maj=24.6km
s-min=23.3km az=101.0

ISC 1901:01:32:17.7:0.8, 30:49N:106:04E:0:02, h23km, n17,
1901:01:31:17.0:1.1, 30:55N:142:30E, h49km, M4.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CHTO, MHMT, XAN, BJT, BJL, CD2, HHC, KLR, LZH, HIA, PEAOB, PETK, PETK, SHL, GTA, LSA, LSA, ULN, SONM, STCH, AMKA, PPT, CASY, TAPN, ODAN, RAMN, MA2, ADK, GUN, PKI, PKIN, DMN, GKN, ATKA, TLY, KOLN, DANN, PYUN, HYB, WMQ, WMQ, VVND, VVND, UNVA, UNV, AKUT, ZSN, CNBA, MK31, MKAR, MAKZ, MAKZ, SHLS, CHGN, KPKS, SATY, KSH, KSH, ZAAO, ZALV, NAL, MDOK, TNSS, AAA, CHKK, SEM, ANM, ANM, TKM2, UKB, UKB, CHMS, AAK, AAK, OHAK, OHAK.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KURK, SGDS, USP, AML, EK52, KDAX, BTLS, MAW, MAW, TTA, KBL, CNPM, DZA, KK31, KKAR, IUG, SEW, SEW, PPLA, PPLA, RCO1, BRZS, QSPA, QSPA, PMR, KTH, GHO, GHO, KNK, TRF, BPWA, SML, SML, MLY, RND, RND, SCM, SCM, MCK, NEA2, DHY, DHY, KLU, I23K, I23K, I23K, M24K, WRH, CCB, TCOL, TCOL, COLA, COLA, COLD, COLD, COLD, N25K, HDA, HDA, HDA, ILAR, ILAR, ILAR, GLB, CRQM, CRQM, RIDG, BALM, BALM, MENT, DOT, DOT, SCRK, BARN, BARN, CTGM, CTGM, FYU, FYU, HRA, HRA, K27K, K27K, K27K, EGAK, EGAK, DAWY, DAWY, SYO, EPYK, EPYK, EPYK, EPYK, ABKAR, ABKAR, INK, NVAR, NVAR, NVAR, YKA, YKA, YKA, PDAR.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARCES, ARCES, FINES, FINES, TXAR, TXAR, SORM, ULM, ECSD, NEHR, BURAR, BURAR, MLR, WMOK, KOL S, DRGR, HERR, BZS, P38A, S39A, W39A, KRCL, CHVC, MIAR, U40A, U40A, W41B, PRU, PRU, CLL, CONA, P43A, P43A, KHC, GERES, GERES, MOA, SOKA, OBKA, KBA, MYKA, SFIN, P46A, ABTA, PLCA, BLO, WATA, WTTA, 146A, MOTA, SQTA, L48A, FETA, N49A, DAVA, P49A, CLTN, LSQJ, LRAL, ALGO, H53A, P52A, Z51A, N53A, S54A, TIGA, G004, KEST, LCO, AC05, GCUF, YOTO, CBOC, RREF, TOLC, ORTC, ZARO, ROSC, SPBC, CPUP, CHIC, OCAC, BARC, RUSC, PAMC, TORD, SDV, MLPR, OBIP, SJJG, MITP, KOWA, KIC, DBIC, LIC, TIC, BDFB, BDFB, BDFB.

19d 3h

TYC	baz=319	eS	Sn	03 49 17.2 +0.1	
WJS	baz=319 Zhushan baz=320	1.22 322	i P	Pn	03 48 58.3 +0.3
TWD	baz=320 Chiawan baz=350	1.22 2	i P	Pn	03 48 58.1 +0.1
TWD	baz=350		S	Sn	03 49 16.5 -0.7
WGK	baz=303 Gukeng baz=303	1.22 313	i P	Pn	03 48 58.4 +0.4
WGK	baz=303 Yung-k'ang baz=272	1.22 279	eP	Sn	03 49 17.1 0.0
TAH1	baz=272		eS	Sn	03 49 17.5 +0.5
WDLH	baz=302 Douliu baz=302	1.24 312	i P	Pn	03 48 58.6 +0.4
WDLH	baz=302 Renai baz=337	1.24 344	i P	Sn	03 49 18.0 +0.5
CHGB	baz=337		eS	Sn	03 49 18.8 +0.8
ICHU	baz=299 Yijhu baz=299	1.26 294	i P	Pn	03 48 58.9 +0.4
ICHU	baz=299 Puli Township baz=325	1.27 335	i P	Pn	03 49 18.2 +0.3
WPL	baz=325		eS	Sn	03 48 59.0 +0.5
SCLT	baz=284 Jiali baz=284	1.28 285	i P	Pn	03 49 18.4 +0.3
SCLT	baz=284 Mingjian baz=315	1.28 322	i P	Pn	03 48 59.1 +0.4
WNT	baz=315		eS	Sn	03 49 18.1 +0.1
WNT	baz=297 Puzi baz=297	1.30 299	i P	Pn	03 48 58.2 -0.6
WLG	baz=297		S	Sn	03 49 17.3 -1.2
DPDB	baz=325 Guoxing baz=325	1.30 334	i P	Pn	03 48 59.4 +0.5
DPDB	baz=325 Wuhan baz=352	1.31 349	i P	Pn	03 49 18.4 -0.4
WHF	baz=352		eS	Sn	03 49 19.4 -0.2
WNT1	baz=316 Nantou City baz=316	1.31 323	P	Pn	03 48 59.5 +0.5
WNT1	baz=316		eS	Sn	03 49 19.0 +0.2
CHN8	baz=296	1.32 292	i P	Pn	03 48 59.3 +0.3
CHN8	baz=296		S	Sn	03 49 18.9 0.0
WTK	baz=300 Tuku baz=300	1.34 308	i P	Pn	03 48 59.5 +0.2
WTK	baz=300 Xiulin Townshi baz=356	1.34 358	i P	Pn	03 49 19.2 -0.2
ETLH	baz=356		eS	Sn	03 49 18.7 -1.0
ETLH	baz=356 Wufeng baz=350	1.41 327	i P	Pn	03 49 00.7 +0.6
WWF	baz=320 Fushou baz=355	1.41 349	i P	Pn	03 49 21.6 +0.9
FUSS	baz=355		S	Sn	03 49 01.6 +1.2
FUSS	baz=355 Techi baz=337	1.43 346	i P	Pn	03 49 22.5 +1.3
TDCB	baz=337		eS	Sn	03 49 01.1 +0.6
TDCB	baz=337 Szu baz=302	1.44 303	P	Pn	03 49 21.3 -0.2
WSF	baz=302		S	Sn	03 49 20.5 -0.7
RLNB	baz=302 Erin baz=308	1.49 314	i P	Pn	03 49 01.2 +0.2
RLNB	baz=308		eS	Sn	03 49 22.3 -0.1
TCU	baz=308 Taichung baz=327	1.51 329	i P	Pn	03 49 01.6 +0.4
TCU	baz=327		eS	Sn	03 49 23.1 +0.3
WCHH	baz=315 Zhanghua baz=315	1.51 324	i P	Pn	03 49 01.6 +0.4
WCHH	baz=315		eS	Sn	03 49 23.4 +0.6
WHP	baz=337 Taichung City baz=337	1.52 339	i P	Pn	03 49 01.5 +0.1
WHP	baz=337		eS	Sn	03 49 22.8 -0.2
WMLT	baz=301 Malliao baz=301	1.53 308	P	Pn	03 49 01.5 +0.1
WMLT	baz=301		eS	Sn	03 49 23.2 0.0
NNSB	baz=301 Datong baz=353	1.57 355	i P	Pn	03 49 02.8 +0.7
NNSB	baz=353		S	Sn	03 49 23.6 -0.7
ENA	baz=11 Nanau baz=11	1.57 7	P	Pn	03 49 02.2 +0.3
ENA	baz=11		eS	Sn	03 49 23.4 -0.7
NNS	baz=353 Nan Shan baz=353	1.58 355	i P	Pn	03 49 03.0 +0.8
NNS	baz=353		eS	Sn	03 49 25.1 +0.6
WDJ	baz=329 Dajia District baz=329	1.70 331	eP	Sn	03 49 03.4 +0.1
WDJ	baz=329		eS	Sn	03 49 26.5 -0.1
NSY	baz=334 Sanyi baz=334	1.71 335	eP	Sn	03 49 03.5 0.0
NSY	baz=334		eS	Sn	03 49 27.8 +1.0
NDT	baz=352 Datong Townshi baz=352	1.74 359	i P	Pn	03 49 04.5 +0.7
NDT	baz=352		eS	Sn	03 49 26.2 -1.2
TWC	baz=14 Suao baz=14	1.77 9	i P	Pn	03 49 04.8 +0.6
TWC	baz=14		eS	Sn	03 49 28.6 +0.5
ENTT	baz=5.0 Nioudou baz=5.0	1.77 1	i P	Pn	03 49 05.0 +0.7
ENTT	baz=5.0		eS	Sn	03 49 27.8 -0.5
WDGT	baz=277 Dungji baz=277	1.78 283	i P	Pn	03 49 04.0 -0.3
WDGT	baz=277		eS	Sn	03 49 26.1 -2.0
NMLH	baz=327 Nitaoli baz=327	1.81 338	P	Pn	03 49 04.7 +0.1
NMLH	baz=327		eS	Sn	03 49 27.7 -1.2
YHNB	baz=353 Yeheng baz=353	1.81 355	i P	Pn	03 49 05.5 +0.8
YHNB	baz=353		eS	Sn	03 49 27.4 -1.7
YHNB	baz=353		Pn	Pn	03 49 05.5 +0.8
YHNB	baz=353		Sn	Sn	03 49 29.2 +0.1
NSK	baz=353 Sanguang baz=353	1.82 355	P	Pn	03 49 05.7 +0.8
NSK	baz=353		eS	Sn	03 49 30.1 +0.8
NSTT	baz=333 Nanjiang baz=333	1.83 345	P	Pn	03 49 04.5 -0.5
NSTT	baz=333		eS	Sn	03 49 28.2 -1.3
LIOB	baz=334 Emei baz=334	1.84 345	eP	Pn	03 49 04.9 -0.2
LIOB	baz=334		eS	Sn	03 49 28.4 -1.3
TWE	baz=2.0 Neicheng baz=2.0	1.86 4	P	Pn	03 49 05.9 +0.7
TWE	baz=2.0		eS	Sn	03 49 30.6 +0.7

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NWLT	baz=2.0 Wulai baz=357	1.91 359	i P	Pn	03 49 06.9 +0.9
NWLT	baz=357		eS	Sn	03 49 32.5 +1.3
PHUB	baz=289 Peng-hu baz=289	1.92 290	i P	Pn	03 49 05.4 -0.6
PHUB	baz=289		eS	Sn	03 49 29.4 -1.9
PNG	baz=291 Penghu baz=291	1.96 292	i P	Pn	03 49 06.3 -0.1
PNG	baz=291		eS	Sn	03 49 30.4 -1.6
HSN1	baz=335 Hsinchu baz=335	1.97 346	P	Pn	03 49 06.8 +0.1
HSN1	baz=335		eS	Sn	03 49 32.3 -0.1
VCHM	baz=290 Gimei baz=290	1.97 281	P	Pn	03 49 06.1 -0.5
VCHM	baz=290		eS	Sn	03 49 29.9 -2.5
SBCB	baz=335 Hsinchu baz=335	1.99 345	P	Pn	03 49 06.8 -0.1
SBCB	baz=335		eS	Sn	03 49 33.2 +0.3
HSN	baz=335 Hsinchu baz=335	2.00 345	P	Pn	03 49 07.1 +0.1
HSN	baz=335		eS	Sn	03 49 32.2 -0.9
NTC	baz=355 Toucheng baz=355	2.01 8	P	Pn	03 49 08.2 +1.2
NTC	baz=355		eS	Sn	03 49 34.1 +1.0
EGS	baz=18	2.01 10	eP	Pn	03 49 08.0 +0.9
EGS	baz=18		eS	Sn	03 49 33.1 -0.1
JYNG	baz=357 Yonagunijimaku baz=357	2.04 39	P	Pn	03 49 08.6 +1.1
JYNG	baz=357		eS	Sn	03 49 35.6 +1.6
YOJ	baz=45 Yonaguni jima baz=45	2.09 40	eP	Pn	03 49 09.1 +1.0
YOJ	baz=45		eS	Sn	03 49 36.3 +1.0
YOJ	baz=45		eP	Pn	03 49 08.9 +0.8
YOJ	baz=45		eS	Sn	03 49 32.0 -3.0
YOJ	baz=45		Pn	Pn	03 49 08.8 +0.7
YOJ	baz=45		Sn	Sn	03 49 36.0 +1.0
NHHD	baz=358 Xindian Distri baz=358	2.10 360	P	Pn	03 49 08.8 +0.6
NHHD	baz=358		eS	Sn	03 49 34.8 -0.4
TATO	baz=357 Taipei baz=357	2.11 359	P	Pn	03 49 08.8 +0.5
TATO	baz=357		eS	Sn	03 49 36.0 +0.5
TATO	baz=357		Pn	Pn	03 49 08.5 +0.2
TATO	baz=357		Sn	Sn	03 49 35.4 0.0
TWA	baz=351 Mucha baz=351	2.11 1	P	Pn	03 49 09.1 +0.7
TWA	baz=351		eS	Sn	03 49 35.5 0.0
TIPB	baz=356 Shuangxi baz=356	2.12 7	P	Pn	03 49 09.7 +1.2
TIPB	baz=356		eS	Sn	03 49 36.6 +0.9
NCUH	baz=340 Zhongli baz=340	2.13 351	P	Pn	03 49 08.6 +0.1
NCUH	baz=340		eS	Sn	03 49 34.4 -1.4
NCU	baz=340 National Centr baz=340	2.13 351	eP	Pn	03 49 08.2 -0.3
NCU	baz=340		eS	Sn	03 49 34.6 -1.3
NTY	baz=343 Taoyuan baz=343	2.15 354	eP	Pn	03 49 08.8 +0.1
NTY	baz=343		eS	Sn	03 49 35.6 -0.5
TAP	baz=357 Taipei baz=357	2.17 359	eP	Pn	03 49 08.3 -0.7
TAP	baz=357		eS	Sn	03 49 36.4 -0.4
TWB1	baz=357 Santiao Chiao baz=357	2.18 11	eP	Pn	03 49 09.7 +0.5
TWB1	baz=357		eS	Sn	03 49 36.3 -0.6
NWF	baz=18 Wu-fen Shan baz=353	2.21 6	eP	Pn	03 49 10.6 +0.9
NWF	baz=18		eS	Sn	03 49 38.4 +0.5
WFSB	baz=353 Wu-fen Shan baz=353	2.21 6	P	Pn	03 49 10.2 +0.6
WFSB	baz=353		eS	Sn	03 49 38.3 +0.6
TWS1	baz=355 Kuanyinshan baz=355	2.24 357	P	Pn	03 49 10.1 +0.2
TWS1	baz=355		eS	Sn	03 49 38.4 +0.2
YM01	baz=359 YM01 baz=359	2.28 1	P	Pn	03 49 10.9 +0.4
YM01	baz=359		eS	Sn	03 49 38.7 -0.5
YM04	baz=359 YM04 baz=359	2.29 360	P	Pn	03 49 10.7 +0.2
YM04	baz=359		eS	Sn	03 49 38.7 -0.7
YM10	baz=359 YM10 baz=359	2.29 1	P	Pn	03 49 10.9 +0.3
YM10	baz=359		eS	Sn	03 49 37.5 -1.9
TNOU	baz=354 National Taiwa baz=354	2.29 5	eP	Pn	03 49 09.1 -1.5
TNOU	baz=354		eS	Sn	03 49 38.1 -1.3
YM05	baz=359 YM05 baz=359	2.30 1	P	Pn	03 49 10.9 +0.2
YM05	baz=359		eS	Sn	03 49 39.2 -0.5
NTST	baz=356 Danshu baz=356	2.30 358	P	Pn	03 49 10.8 +0.1
NTST	baz=356		eS	Sn	03 49 39.5 -0.1
YM11	baz=359 YM11 baz=359	2.30 1	P	Pn	03 49 11.3 +0.5
YM11	baz=359		eS	Sn	03 49 36.9 -2.8
YM03	baz=358 YM03 baz=358	2.31 0	P	Pn	03 49 11.2 +0.4
YM03	baz=358		eS	Sn	03 49 40.0 0.0
ANP	baz=358 Anpu baz=358	2.32 360	P	Pn	03 49 11.4 +0.4
ANP	baz=358		eS	Sn	03 49 40.0 -0.3
YM08	baz=351 YM08 baz=351	2.32 1	eP	Pn	03 49 10.8 -0.2
YM08	baz=351		eS	Sn	03 49 39.6 -0.6
HATJ	baz=352 Hateruma jima baz=352	2.40 60	P	Pn	03 49 12.3 +0.4
HATJ	baz=352		eS	Sn	03 49 43.0 +1.2
TWY	baz=352 Chenhua baz=352	2.41 1	P	Pn	03 49 12.8 +0.7
IRIF	baz=352 Iriomote-Funau baz=352	2.49 53	P	Pn	03 49 13.7 +0.7
IRIF	baz=352		eS	Sn	03 49 45.0 +1.1
JKRS	baz=358 Kuro-shima baz=358	2.65 58	P	Pn	03 49 15.8 +0.7
PCYT	baz=358 Pengchayiu baz=358	2.80 10	eP	Pn	03 49 17.0 0.0
JJU	baz=8.0 Ishigaki jima baz=8.0	2.82 57	eP	Pn	03 49 17.3 0.0
YWUC	baz=317 YWUC baz=317	2.86 318	eP	Pn	03 49 16.6 -1.1
JISG	baz=359 Ishigakijimahi baz=359	3.07 55	P	Pn	03 49 19.7 -0.8
JISG	baz=359		eS	Sn	03 49 58.0 +0.8
PTTC	baz=328 Pingtang baz=328	3.09 329	eP	Pn	03 49 19.9 -0.8
PTMZ	baz=314 Houxiangcun baz=314	3.10 315	eP	Pn	03 49 20.3 -0.6
KNM	baz=299 Kinmen baz=299	3.24 299	eP	Pn	03 49 23.5 +0.7
KNMB	baz=299 Chin-men Tao baz=299	3.30 300	eP	Pn	03 49 22.8 -0.8
KNMB	baz=299		Pn	Pn	03 49 22.6 -0.9
KNMB	baz=299		Sn	Sn	03 49 59.4 +3.1
KNM	baz=299		S	S	03 50 06.4 +1.5
QZH	baz=340 Quanzhou baz=340	3.40 308	i P	Pn	03 49 24.1 -0.7
QZH	baz=340		S	Sn	03 50 02.6 -2.4
QZH	comp=N,320nm,0.4s		smax	smax	

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QZH	comp=E,280nm,0.4s		smax	smax	
MATB	baz=334 Ma-tsu baz=334	3.59 336	eP	Pn	03 49 26.1 -1.2
MSUT	baz=335 Lienchiang baz=335	3.61 336	eP	Pn	03 49 26.6 -1.0
AXDP	baz=302 Jialang baz=302	3.85 303	eP	Pn	03 49 30.2 -0.5
JIRB	baz=59 Irabujima baz=59	3.86 59	P	Pn	03 49 31.4 +0.5
JMJ2	baz=60 Miyako jima2 baz=60	3.94 61	P	Pn	03 49 32.7 +0.7
JMJ2	baz=60		eP	Pn	03 49 33.1 +1.0
MHZO	baz=324 Yeshan baz=324	3.96 325	eP	Pn	03 49 31.1 -1.1
JKM	baz=334 Ikemajima baz=334	3.97 58	P	Pn	03 49 32.7 +0.4
LYJZ	baz=334 Jianjiangzhen baz=334	4.02 337	eP	Pn	03 49 31.8 -1.2
XPSS	baz=334 Dashiqiu baz=334	4.24 343	eP	Pn	03 49 34.5 -1.3
JMZ	baz=334 Minamidaito 2 baz=334	9.31 70	Pn	Pn	

19d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSUT Pine Spring, PRN Pahroc Range, KDAX Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKHL 19 04:03:08, JMA 19 04:03:09, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, FINES Fines Array B, TXAR Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH 19 05:01:15, ISK 19 05:01:15, THE 19 05:01:16, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like GOLH, ELL, AKUM, etc.

KRNET 19 05:59:42.5:0.1,39.08N:70.38E,mb2.3
N19 05:59:53.3:89.0,39.05N:71.78E,h0km,mb3.8,lpv3.4,
Error ellipse: s-maj=677.9km s-min=412.3km az=172.0

ISC 19 05:59:34.2:3.6,38.9N:0.1:70.1E,0.1,h4km,1.3km,n10,
r=149/14,8C-10D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like BTK, BTK, DRK, etc.

IDC 19 06:26:07.6:5.1,55.53N:86.09E,h0km,mb1 2.8/2,
mb1mx2.8/46,mbtmp2.2,ML2.3/2, Error ellipse:
s-maj=50.6km s-min=26.3km az=32.0, Southwestern
Siberia

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

NAO 19 06:31:13.8:376.0,73.25N:6.40E,h14km,242km,ML4.1
MOS 19 06:31:13.4:1.1,73.34N:6.37E,h10km,mb4.6/35, Error
ellipse: s-maj=23.8km s-min=5.4km az=97.0

IDC 19 06:31:13.4:0.5,73.17N:6.15E,h0km,mb4.1/21,
mb1 4.2/27,mb1mx4.1/46,mbtmp4.1/27,ML3.7/6,MS3.5/27,
Ms1 3.5/27,ms1mx3.4/40, Error ellipse: s-maj=14.6km
s-min=9.2km az=99.0

IEPN 19 06:31:13.5,73.16N:6.37E,h10km
NEIC 19 06:31:14.9:2.2,73.26N:0.05:6.3E:0.2,h10km,1km,
mb4.6/78, Error ellipse: s-maj=11.6km s-min=3.3km
az=138.0

BER 19 06:31:15.2:2.6,73.33N:6.47E,h10km,ML2.5,
ML4.1(NAO), Confirmed Earthquake
DNK 19 06:31:16.2:1.6,73.58N:5.50E,h0km,46km

ISC 19 06:31:14.9:0.7,73.31N:0.05:6.46E:0.04,h10km,4km,
h10km:p-P,n327,c1917/324,mb4.5/100,MS3.6/30,
10C-2D, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like BJO1, BJO1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like SPA0, SPA0, SPA0, etc.

N2IHZ Innhavet 6.22 145 eP Pn 06 32 44.3 -2.1
KIP Kipisjavi 6.32 126 iP Pn 06 32 46.3 -1.7
KIF Kifisjavi 6.33 126 iP Pn 06 32 50.5 -1.9

comp-Z:6.5nm,0.5s
NBB30 Finnes 6.83 150 eP Pn 06 32 53.3 -1.5
KT11 Kiteiko 6.82 120 eP Pn 06 32 57.7 -1.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like ARD8, ARD8, ARD8, etc.

DBG Daneborg 7.49 290 e Pn 06 32 59.4 -4.5
DBG Daneborg 7.49 290 e Pn 06 32 59.4 -4.5
MOR8 Moi Rana 7.68 155 eP Pn 06 33 05.8 -0.8

comp-Z:9.4nm,0.5s
NSS Nares 9.04 165 eP Pn 06 33 24.4 -0.7
SCO Scoresbysund 9.22 266 iP Pn 06 33 25.3 -2.3

comp-Z:2.6nm,1.1s
KWP Kalwaria Pacia 24.81 154 p Pmax 06 36 35.8 +0.2
KWP Kalwaria Pacia 24.81 154 p Pmax 06 36 35.8 +0.2

comp-Z:1.1nm,1.1s
AKBB Malin Array Si 24.73 144 eP P 06 36 34.8 -1.1
AKBB Malin Array Si 24.73 144 eP P 06 36 35.2 -0.7

comp-Z:1.1nm,1.1s
GECC GERESS Array S 24.76 169 p Pmax 06 36 35.8 -0.5
GECC GERESS Array S 24.76 169 p Pmax 06 36 35.8 -0.5

comp-Z:1.6nm,1.3s
GECC2 GERESS ARRAY S24.76 169 P Pmax 06 36 35.4 -0.9
GERES GERESS Array B 24.76 169 P Pmax 06 36 36.7 +0.4

comp-Z:2.2nm,0.7s,baz=10,slow=8.3,SNR=18
RES Resolute Bay 24.80 322 LR LR 06 46 54.0
KWP Kalwaria Pacia 24.81 154 p Pmax 06 36 36.8 +0.2

comp-Z:2.2nm,1.1s
KWP Kalwaria Pacia 24.81 154 p Pmax 06 36 36.8 +0.2
KWP Kalwaria Pacia 24.81 154 p Pmax 06 36 36.8 +0.2

comp-Z:2.6nm,1.1s
LPSR Galich'ya Yora 24.86 129 eP Pmax 06 36 34.3 -2.7
LPSR Galich'ya Yora 24.86 129 eP Pmax 06 36 34.3 -2.7

comp-Z:5.0nm,0.9s
LANS Liptovska Anna 24.91 159 eP P 06 36 38.5 +0.9
LANS Liptovska Anna 24.91 159 eP P 06 36 38.5 +0.9

comp-Z:2.0nm,0.3s,baz=334,slow=13,SNR=20
N60A NORARS Array S 12.78 169 Pn 06 34 14.3 -2.6
N60A NORARS Array S 12.78 169 Pn 06 34 14.3 -2.6

comp-Z:4.6,slow=14
NRAO NORESS Array S 12.78 169 Pn 06 34 13.7 -2.6
NRAO NORESS Array S 12.78 169 Pn 06 34 13.7 -2.6

comp-Z:1.1nm,0.8s
TMCR Tamitsa 14.44 113 eP Pn 06 34 18.1 -1.1
TMCR Tamitsa 14.44 113 eP Pn 06 34 18.1 -1.1

comp-Z:1.1nm,0.8s
TMCR Tamitsa 14.44 113 eP Pn 06 34 18.1 -1.1
TMCR Tamitsa 14.44 113 eP Pn 06 34 18.1 -1.1

comp-Z:3.8nm,1.2s
NACGM Naroch 20.27 145 iP P 06 35 50.4 +0.3
NACGM Naroch 20.27 145 iP P 06 35 50.4 +0.3

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

comp-Z:2.6nm,0.9s
NACGM Moscow 21.66 128 eP P 06 35 50.4 +1.9
NACGM Obninsk 22.00 130 LR LR 06 36 02.9 +2.2

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

comp-Z:1.7nm,0.3s
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4
OBN Obninsk 22.00 130 iP P 06 36 08.3 -0.4

Table of station data for the left column, including station names like ARSA, KBA, ARU, etc., and their associated coordinates and status.

Table of station data for the middle column, including station names like FFC, AAK, TRQ, etc., and their associated coordinates and status.

Table of station data for the right column, including station names like TUC, TX31, TX32, etc., and their associated coordinates and status.

Table with columns: BRG, comp-Z, 2.0nm, 1.6s, Amp, 06 43 53.8, MORC Moravsky Berou 24.04 163 eP P 06 43 56.9 +0.8, etc.

IDC 19 06:43:26.9:3.0, 18.09Sx177.78W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.7/23, mbtmp3.7/3, Error ellipse: s-maj=356.8km s-min=32.9km az=159.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA Warramunga Arr 45.19 260 P 06 51 45.3 -0.6, ASAR Alice Springs 45.32 254 P 06 51 47.2 +0.2, etc.

IDC 19 06:50:26.2: 1.5, 25.16Sx175.34W, h0km, mb3.5/4, mb1 4.0/5, mb1mx3.8/20, mbtmp3.7/5, ML5.5/1, MS2.9/3, Ms1 2.9/3, ms1mx2.6/23, Error ellipse: s-maj=61.6km s-min=26.7km az=164

IDC 19 06:51:28.6: 6.2, 21.51Sx173.30W, h10km, n10, +1337/7, mb3.8/5, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSFV Nonsavu 9.61 319 Pn 06 52 47.0 -0.1, RAR Rarotonga Arr 48.25 308 Pn 06 53 50.8 -7.7, etc.

IDC 19 07:05:30.4: 1.4, 1.72N, 122.76E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/39, mbtmp3.3/4, Error ellipse: s-maj=153.8km s-min=25.7km az=64.0, DJA 19 07:05:36.4: 1.4, 2.15N, 12.12E, h236km, 12km, M4.1/6, ML4.4/10

IDC 19 07:05:56.2: 1.0, 2.30N, 124.69E, h250km, n9, +1847/10, mb3.0/4, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, GTO Gorontalo 2.38 225 P 07 06 42.2 -0.1, NTI NTI 3.10 120 P 07 06 49.9 +0.1, etc.

IDC 19 07:12:36.2: 2.8, 54.07N, 86.52E, h0km, mb1 2.9/2, mb1mx2.8/46, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=23.1km s-min=13.7km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I46RU ZALESOVO INFRA 1.01 264 i Op ISC 07 19 47.9, ZALV Zalesovo Beam 1.01 264 Pg Pg 07 12 54.5 -1.1, etc.

IDC 19 07:14:42.7: 2.7, 54.13N, 86.47E, h0km, mb1 2.8/2, mb1mx2.7/46, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=20.6km s-min=11.9km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I46RU ZALESOVO INFRA 0.99 260 Pg Pg 07 15 00.5 -1.2, ZALV Zalesovo Beam 0.99 260 Pg Pg 07 15 15.2, etc.

ISN 19 07:49:02.4: 2.2, 56.26N, 44.77E, h15km, ML2.3, TEH 19 07:49:03.5: 35.35N, 44.83E, h10km, ML3.1, ISC 19 07:49:00.9: 1.4, 35.29N, 0.05:44.63E, 0.07, h10km, n9, +1919/12, Iraq

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IDHR Dehrash 1.56 112 eP Pg 07 49 30.8 0.0, MAHB Mahabad 1.71 30 ePg Pg 07 49 37.0 +0.4, etc.

MAN 19 07:52:01.2: 6.68N, 126.06E, h23km, mb4.3, ML3.1, MS2.8, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DDMP Don Marcelino, 1.62 211 eP S 07 52 14.3 +0.1, etc.

IDC 19 08:08:09.8: 35.95N, 35.76E, h14km, 1km, ML3.0, DSA 19 08:08:10.2: 35.90N, 35.77E, h9km, ML2.9/15, Gil 19 08:08:12.2: 0.0, 35.82N, 35.68E, h6km, Mm2.3/2, ISC 19 08:08:10.5: 1.3, 35.93N, 0.03:35.77E, 0.03, h8km, 10km, n48, +1907/72, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CEYT Ceyhan 1.08 359 Pn 08 08 32.3 +0.4, DED Mersin 1.29 323 i P Sg 08 08 33.3 -1.6, etc.

IDC 19 08:19:52.2: 2.8, 40.21N, 0.02:121.16W, 0.03, h5km, 6km, ML3.0/24, ML2.9/50(NEIC), Error ellipse: s-maj=3.4km, NEIC 19 08:19:52.8: 2.6, 40.17N, 0.01:121.17W, 0.04, h9km, 6km, Error ellipse: s-maj=4.7km s-min=1.7km az=81.0, ANF 19 08:19:54.8: 1.4, 40.10N, 121.146W, h17km, 7km, ML3.0/6, Error ellipse: s-maj=15.8km s-min=9.9km az=7.0, ISC 19 08:19:53.2: 1.1, 40.14N, 0.03:121.31W, 0.04, h12km, 9km, n52, +1948/53, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, EREN Erenkoy 1.36 253 Pn Pg 08 08 35.8 -0.8, KIZK Mersin 1.42 293 Pn Pg 08 08 37.1 -0.2, etc.

IDC 19 08:21:16.0: 1.4, 1.72N, 122.76E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/39, mbtmp3.3/4, Error ellipse: s-maj=153.8km s-min=25.7km az=64.0, DJA 19 07:05:36.4: 1.4, 2.15N, 12.12E, h236km, 12km, M4.1/6, ML4.4/10

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, GAZ Gaziantep 2.03 45 i P Sg 08 09 14.6 +1.4, BERE Bereket-Mersin 2.10 282 Pn Pn 08 08 46.7 +0.6, etc.

Table with columns: SARI Sardiz-Kayseri 2.53 12 Pn Pn 08 08 53.4 +1.4, KBBE Karaman, Kazim 2.61 300 i P S 08 08 54.0 +0.9, etc.

IDC 19 08:09:53.7: 815.0, 37.96N, 110.55E, h0km, Error ellipse: s-maj=335.5km s-min=193.1km az=8.0, Western Nei Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I34MN SONGINO INFRA 10.30 344 i Op ISC 09 10 09.3, I45RU USSURIYSK INFR 17.30 62 i P 09 53 20.0, I44RU PETROPAPLOVSK5 49 i P 11 52 00.0

IDC 19 08:15:23.4: 1.0, 31.76N, 104.53E, h0km, mb3.4/6, mb1 3.7/7, mb1mx3.5/46, mbtmp3.5/7, ML4.6/1, MS2.9/2, Ms1 3.0/2, ms1mx2.4/47, Error ellipse: s-maj=55.7km s-min=18.6km az=61.0, NEIC 19 08:15:28.9: 0.3, 31.38N, 0.1:104.3E, 0.1, h40km, 9km, mb4.5/6, Error ellipse: s-maj=21.2km s-min=15.7km az=207.0

IDC 19 08:15:24.9: 0.8, 31.80N, 104.3E, 0.1, h10km, n15, +1936/15, mb3.7/3, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ENH Enshi 4.74 108 Pn Pn 08 16 37.2 +0.7, CMAR Chiang Mai Arr 14.15 201 Pn Pn 08 18 45.6 +0.1, etc.

ASAR Alice Springs 62.03 149 P P 08 25 44.3 -1.4, PPLA Purkeylie 67.97 29 P Iamb Iamb 08 26 23.8 -0.1

RSO Rarotonga Arr 68.84 31 P P 08 26 28.9 -0.7, YKA Yellowknife Arr 80.97 17 P P 08 27 39.8 +0.4

IDC 19 08:19:23.0: 999.0, 37.52N, 87.14E, h0km, Error ellipse: s-maj=547.4km s-min=27.1km az=23.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I46RU ZALESOVO INFRA16.51 355 i P 10 08 20.0, I34MN SONGINO INFRA15.46 48 i P 10 03 30.0, I45RU USSURIYSK INFR 34.22 64 i P 12 00 30.0

NCED 19 08:19:52.2: 2.8, 40.21N, 0.02:121.16W, 0.03, h5km, 6km, ML3.0/24, ML2.9/50(NEIC), Error ellipse: s-maj=3.4km, NEIC 19 08:19:52.8: 2.6, 40.17N, 0.01:121.17W, 0.04, h9km, 6km, Error ellipse: s-maj=4.7km s-min=1.7km az=81.0, ANF 19 08:19:54.8: 1.4, 40.10N, 121.146W, h17km, 7km, ML3.0/6, Error ellipse: s-maj=15.8km s-min=9.9km az=7.0, ISC 19 08:19:53.2: 1.1, 40.14N, 0.03:121.31W, 0.04, h12km, 9km, n52, +1948/53, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCMM Colby Mountain 0.16 271 Op Pn 08 19 58.3 +1.2, O03E Paynes Creek 0.41 292 P Pg 08 20 01.7 +0.3, etc.

IDC 19 08:21:16.0: 1.4, 1.72N, 122.76E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/39, mbtmp3.3/4, Error ellipse: s-maj=153.8km s-min=25.7km az=64.0, DJA 19 07:05:36.4: 1.4, 2.15N, 12.12E, h236km, 12km, M4.1/6, ML4.4/10

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ORV Oroville 0.61 194 I IAML 08 20 14.7, LCMC Tuscan Springs 0.63 276 P Pg 08 20 04.9 +0.2, etc.

IDC 19 08:21:16.0: 1.4, 1.72N, 122.76E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/39, mbtmp3.3/4, Error ellipse: s-maj=153.8km s-min=25.7km az=64.0, DJA 19 07:05:36.4: 1.4, 2.15N, 12.12E, h236km, 12km, M4.1/6, ML4.4/10

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, O02D Mt. Diablo Merit 1.14 272 P Pg 08 20 14.8 -0.3, N02D Trinity Center 1.35 308 P Pn 08 20 16.9 -1.1, etc.

IDC 19 08:21:16.0: 1.4, 1.72N, 122.76E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/39, mbtmp3.3/4, Error ellipse: s-maj=153.8km s-min=25.7km az=64.0, DJA 19 07:05:36.4: 1.4, 2.15N, 12.12E, h236km, 12km, M4.1/6, ML4.4/10

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LHEM Herd Peak 1.64 335 Pn Pn 08 20 22.8 +0.8, GSGM Galt Mountain 1.68 221 P Pn 08 20 24.2 +1.2, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Z41A, SCIA, PBMO, Q24A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like F33A, Z47A, SFIN, V48A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PSI, CMAR, GYA, STKA, etc.

ADC 19:09:55:45.0:0.6:30S:125:15E,h0km,mb4.2/13,mb1.4/314,mb1mx4.2/32,mbtmp4.2/14,ML3.2/1,MS3.3/10,MS1.3/10,ms1mx0.0/42,Error ellipse: s-maj=29.8km s-min=14.3km s=7.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like KMSI, SANI, TMTI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like I434M, I46RU, I45RU, etc.

19d 10h

Table with station names, codes, and coordinates. Includes stations like SADO, NEW Newport, YKA, ILAR, etc.

2025 JAN

Table with station names, codes, and coordinates. Includes stations like BRSE Bradley Lake S, IVE Iliamna Volcan, PAX Paxson, etc.

866

Table with station names, codes, and coordinates. Includes stations like YAH, PS05 TAPS Pump Stn5, LOGN Logan Glacier, etc.

ADC 19 10:36:10.8-0.7, 62.36N, 151.18W, h0km, mb3.8/13, mb1 4.0/16, mb1mx3.8/45, mbtmp3.8/16, ML3.5/3, MS3.3/5, Ms1 3.3/5, ms1mx2.9/52, Error ellipse: s-maj=14.4km s-min=11.6km az=108.0

TT01 Tallatina 2.62 288 Pn Pn 10 36 53.7 +0.2 10 36 53.7 +0.3 10 37 36.9

COLD Coldfoot 5.06 2 P Pn 10 37 28.0 +0.7 10 37 28.0 +0.7 10 38 26.7 +0.9

Main table for the first column, listing station names, codes, and coordinates. Includes stations like CUT Chulitna, SKT Skwentna, SUA Susitna One, etc.

Main table for the second column, listing station names, codes, and coordinates. Includes stations like EYAK Cordova Ski Ar, MLY Maitoy, OPT Oil Point, etc.

Main table for the third column, listing station names, codes, and coordinates. Includes stations like YAH, PS05 TAPS Pump Stn5, LOGN Logan Glacier, etc.

ADC 19 10:47:49.3, 1.2, 1.32N, 125.28E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/41, mbtmp3.5/5, Error ellipse: s-maj=19.5km s-min=19.5km az=66.0

Main table for the fourth column, listing station names, codes, and coordinates. Includes stations like TINTI Ternate, GSJI Sangihe, GTOI Gorontalo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMRD Marand, GRMI Germi, YOVA Hakkari_Ykse, MAHU Maku, GNI Garni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHZ Wether Hill Ro, DCZ Deep Cove, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHZ Wether Hill Ro, DCZ Deep Cove, MLZ Mavora Lakes, etc.

MAN 19 11:57:23.2, 9.91N; 126.35E, h9km, mb4.8, ML3.7, MS3.7
MAN INTENSITY I - GENERAL LUNA AND SOCORRO
NEIC 19 11:57:27.5, 0.6, 9.90N; 0.07x 126.2E; 0.1, h72km; 8km,
mb4.4/9, Error ellipse: s-maj=19.5km s-min=8.9km

IDC 19 12:09:38.7, 0.7, 5.3; 165x159; 29E, h0km, mb4.4/9,
mb1 4.6/11, mb1mx3.4/37, mbmp4.5/11, ML4.2/2, MS3.9/11,
Ms1 3.9/11, ms1mx3.6/23, Error ellipse: s-maj=28.8km
s-min=16.6km az=70.0
NEIC 19 12:09:39.5, 2.4, 5.3; 1S; 0.1x159; 4E; 0.2, h10km; 6km,
mb4.6/9, Error ellipse: s-maj=22.9km s-min=7.4km

IDC 19 12:23:06.7, 6.4, 11.78N; 91.56E, h0km, mb3.4/2,
mb1 3.7/3, mb1mx3.2/62, mbmp3.6/63, ML3.5/3, Error ellipse:
s-maj=133.9km s-min=47.2km az=102.0,
Andaman Islands region
IDC 19 12:30:43.9, 1.5, 7.321N; 6.58E, h0km, mb3.4/3, mb1 3.7/6,
mb1mx3.3/45, mbmp3.6/63, ML3.5/3, Error ellipse:
s-maj=25.5km s-min=22.0km az=108.0, Greenland Sea

baz=323,slow=11,SNR=9.9

AKASG	Malin Array Be	24.63 144	P	P	12 36 04.8	-0.8
GERES	GERESS Array B	64.65 169	P	P	12 36 03.3	+0.4
TORD	Torodi Ar. Be	10.60 185	P	P	12 40 56.1	+0.4

0.2nm,0.3s,baaz=342,slow=8.9,SNR=1.9
0.4nm,0.5s,baaz=342,slow=7.2,SNR=4.1
0.7nm,0.9s,baaz=358,slow=7.2,SNR=2.2

VIE 19 12:31:31.0±0.6,46.69N,13.81E,h0km,m10.8/2, Error ellipse: s-maj=7.8km s-min=1.1km az=173.0 4 km S of Aritz Suspected Mining explosion, Austria

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
MYKA	Terra Mystica	0.13 241	ePg	ISC	12 31 33.4	-0.1
MYKA		0.8nm,0.1s	eSg	Sg	12 31 35.6	+0.4
OBKA	Obir	0.54 109	ePg	Pg	12 31 41.8	+0.3
OBKA		0.3nm,0.1s	eSg	Sg	12 31 49.0	+0.6
OBKA		0.7nm,0.2s	eSg	Sg	12 31 49.0	+0.6

NAO 19 12:31:48.5±1.3,73.25N,6.41E,ML4.6
BUJ 19 12:31:48.0±0.0,73.30N,6.40E,h5km,mB5.3/39, mb4.9/57,Ms5.0/19,Ms7.4/6/20
IDC 19 12:31:49.8±0.4,73.27N,6.42E,h0km,mb4.5/36, mb1.4/6/41,mb1mx4.6/47,mbmp4.5/41,ML4.3/5,MS4.4/10, Ms1.4/4/10,ms1mx3.9/48,Error ellipse: s-maj=11.5km s-min=8.0km az=43.0
MOS 19 12:31:49.7±1.0,73.25N,6.24E,h10km,mb5.1/99, MS4.3/14,Error ellipse: s-maj=14.2km s-min=3.9km az=96.9
GCMT 19 12:31:51.6±0.3,73.25N,0.01:6.25E,0.07:h12km, MW5.0/102,Moment Tensor Solution. s16.818; s102:c132; Duration: 0 Moment tensor: Scale 10¹⁶Nm; M₁:1.2±.08; M₂:2.34±.07; M₃:1.22±.08; M₄:1.72±.23; M₅:0.37±.07; M₆:2.39±.25; Best double couple: M₃:5.8600×10¹⁶ Np1.299,00000;δ32.00000; λ160.00000; NP2.046,00000;δ80.00000;λ59.00000; Principal axes: T 3.7190,Plg46.0000; Azm284.0000; N -0.2650,Plg30.0000; Azm52.0000; P -3.4540,Plg23.0000; Azm160.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 19 12:31:51.6±1.4,73.21N,0.07:6.4E,0.2:h10km,1km, mb5.0/302 Error ellipse: s-maj=12.3km s-min=10.9km az=201.0
BER 19 12:31:52.1±3.4,73.35N,6.51E,h10km,MS4.2, ML4.6(NAO),Confirmed Earthquake
DNK 19 12:31:56.9±3.3,73.54N,4.90E,h63km,50km,mb4.7
BGR 19 12:31:58.0±0.0,72.62N,7.99E,h10km,mb5.0,MS4.2
UPP 19 12:32:00.3±3.3,72.59N,7.45E,h0km,ML3.2,Suspected explosion

ISC 19 12:31:51.5±0.2,73.28N,0.03:6.43E,0.03:h10km,n926, ±151/985,mb5.0/284,MS4.4/28,32C-33D,Greenland Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KONO	Bjornoya	3.71 65	Pn	Pn	12 32 46.5	-2.2
BJO1	Bjornoya	3.71 65	eS	eS	12 32 46.6	-2.2
BJO1			eS	Sn	12 32 47.7	-5.0
BJO1			IVMs_BB	IVMs_BB	12 32 55.4	
HSPB	Hornsund (broa	4.41 28	eP	Pn	12 32 56.6	-1.6
HSPB	Hornsund (broa	4.41 28	eP	Pn	12 32 56.8	-1.6
HSPB	Hornsund (broa	4.41 28	eP	Pn	12 32 56.7	-1.6
HSPB			IVMs_BB	IVMs_BB	12 34 19.5	
JNE	Jan Mayen East	5.08 250	eP	Pn	12 33 06.9	-0.6
JNW	Jan Mayen West	5.09 251	eP	Pn	12 33 06.9	-0.6
JMIC	Jan Mayen	5.13 251	Pn	Pn	12 33 07.3	-1.0
JMIC	Jan Mayen	5.13 251	Pn	Pn	12 33 07.7	-0.5
JMIC	Jan Mayen	5.13 251	eP	Pn	12 33 07.1	-1.2
BRBA	Barentsburg A	5.07 18	eP	Pn	12 33 07.1	-1.1
BRBA	Barentsburg A	5.07 18	eS	Sn	12 34 01.9	-6.4
BRBA			IVMs_BB	IVMs_BB	12 35 03.2	
JMI	Jan Mayen	5.23 251	eP	Pn	12 33 09.1	-0.5
TRO	Tromsø	5.23 111	eP	Pn	12 33 10.4	-1.6
TRO	Tromsø	5.41 126	eP	Pn	12 33 10.5	-1.6
SPA0	Spitsbergen Ar	5.49 22	Pn	Pn	12 33 12.3	-0.8
SPA0	Spitsbergen Ar	5.49 22	Pn	Pn	12 33 12.5	-0.7
SPA0	Spitsbergen Ar	5.49 22	Pn	Pn	12 33 12.3	-0.8
SPITS	Spitsbergen Ar	5.49 22	Pn	Pn	12 33 12.3	-0.8
SPITS			Sn	Sn	12 34 09.7	-6.5
SPITS			LR	LR	12 35 03.5	
N2V1	Vinje	5.60 149	eP	Pn	12 33 12.6	-2.1
LOF	Lofoten	5.68 152	eP	Pn	12 33 13.8	-2.1
LOF	Lofoten	5.68 152	eP	Pn	12 33 14.8	-1.0
LOF			eS	Sn	12 34 13.8	-7.2
LOF			IVMs_BB	IVMs_BB	12 34 54.9	
HOPEN	Hopen	5.82 48	Pn	Pn	12 33 15.3	-2.3
HOPEN	Hopen	5.82 48	eP	Pn	12 33 15.9	-1.7
HOPEN			eS	Sn	12 34 17.8	-6.4
HOPEN			IVMs_BB	IVMs_BB	12 34 58.8	
JETT	Jettan, Norway	5.82 123	Pn	Pn	12 33 16.6	-1.2
KBS	Kingsbay	5.83 11	eP	Pn	12 33 16.7	-1.7
KBS	Kingsbay	5.83 11	Pn	Pn	12 33 16.3	-1.4
KBS	Kingsbay	5.83 11	Pn	Pn	12 33 16.4	-1.4
KBS	Kingsbay	5.83 11	eP	Pn	12 33 16.3	-1.4
KBS			IVMs_BB	IVMs_BB	12 35 08.3	
KBS	Kingsbay	5.83 11	iP	Pn	12 33 18.0	+0.3
N2SV	rNyegen	5.84 155	eP	Pn	12 33 16.2	-1.8
HAMF	Hammerfest	5.97 108	Pn	Pn	12 33 17.3	-2.4
HAMF	Hammerfest	5.97 108	eP	Pn	12 33 17.5	-2.2
HAMF			eS	Sn	12 33 19.9	-8.1
STEI	Steigen	6.12 147	eP	Pn	12 33 18.9	-1.9
STEI	Steigen	6.12 147	eP	Pn	12 33 20.4	-1.4
STEI			IVMs_BB	IVMs_BB	12 35 16.6	
N2IH	Innhavet	6.20 145	eP	Pn	12 33 21.1	-1.8
KIF	Kilpisjärvi	6.32 126	Pn	Pn	12 33 22.7	-1.9
KIF	Kilpisjärvi	6.32 126	eP	Pn	12 33 23.0	-1.5
FAUS	Fauske	6.63 149	eP	Pn	12 33 28.5	-0.3
NBB05	Inddyr	6.78 154	eP	Pn	12 33 29.2	-1.7
KOVU	Salmi	6.80 132	P	Pn	12 33 31.5	+0.4
NBB30	Finnes	6.80 155	eP	Pn	12 33 29.8	-1.3
NIKU	Nikkaluokta	6.86 136	P	Pn	12 33 30.5	-1.4
NIKU			S	Sn	12 34 41.8	-8.1
KTK1	Kaukokeino	6.91 120	eP	Pn	12 33 31.8	-0.9
RATU	Laukkaluopu	7.01 135	P	Pn	12 33 32.2	-1.8
KUA	Kuauvaara	7.05 132	P	Pn	12 33 32.8	-1.9
KUA			S	Sn	12 34 43.4	-1.1
ARA0	ARCESS Array S	7.14 112	Pn	Pn	12 33 33.5	-2.3
ARA0	ARCESS Array S	7.14 112	Pn	Pn	12 33 33.5	-2.3
ARCES	ARCESS Array B	7.14 112	Pn	Pn	12 33 33.8	-2.0
ARCES			Sn	Sn	12 34 42.5	-1.4
NBB40	Tonne	7.17 158	eP	Pn	12 33 34.6	-1.5
SALU	Salloluokta	7.18 140	Pn	Pn	12 33 35.0	-1.3
KONS	Konsvik	7.19 158	eP	Pn	12 33 35.0	-1.4
KONS			eS	Sn	12 34 48.7	-9.3
DAG	Danmarks Havn	7.32 310	iP	Pn	12 33 35.0	-3.3
DAG	Danmarks Havn	7.32 310	iP	Pn	12 33 34.8	-3.5
DAG			S	Sn	12 34 50.0	-1.1
DAG	Danmarks Havn	7.32 310	iP	Pn	12 33 35.0	-3.3
DAG	Danmarks Havn	7.32 310	iP	Pn	12 33 35.0	-3.3
STOK	Stokkvaegen	7.34 159	eP	Pn	12 33 37.2	-1.3
LANU	Lannavaara	7.34 128	P	Pn	12 33 37.0	-1.6
KEV	Kevo	7.41 108	P	Pn	12 33 37.6	-1.8
KEV			P	Pn	12 33 37.1	-1.8
DBG	Daneborg	7.49 291	eP	Pn	12 33 36.1	-4.4

DBG	Daneborg	7.49 291	eP	Pn	12 33 36.1	-4.4
DBG			iS	Sn	12 34 53.7	-1.2
DBG			eS	Sn	12 34 54.5	-1.1
DBG	Daneborg	7.49 291	eP	Pn	12 33 36.2	-4.4
DBG			iS	Sn	12 34 54.5	-1.1
MOR8	Moi Rana	7.66 155	eS	Sn	12 34 58.0	-1.2
MOR8			eS	Sn	12 34 58.0	-1.2
DUNU	Dundret	7.81 135	P	Pn	12 33 42.6	-2.3
MASU	Masugnshavn	7.83 131	P	Pn	12 33 43.9	-1.3
PAJU	Pajala	8.43 130	P	Pn	12 33 52.2	-1.3
NSS	Namsos	9.01 165	eP	Pn	12 34 01.0	-0.4
NSS	Scorebysund	9.21 266	Pn	Pn	12 34 01.0	-0.4
SCO	Scorebysund	9.21 266	Pn	Pn	12 34 01.8	-2.3
SCO	Scorebysund	9.21 266	iP	Pn	12 34 01.0	-3.1
SCO			IAMB	IAMB	12 34 04.4	
SCO	comp=Z,24nm,0.5s	9.21 266	iP	Pn	12 34 01.0	-3.1
SCO	Scorebysund	9.21 266	iP	Pn	12 34 01.0	-3.1
SCO			IAMB	IAMB	12 34 04.4	
SCO	comp=Z,24nm,0.5s	9.21 266	iP	Pn	12 34 01.0	-3.1
SCO	Scorebysund	9.21 266	iP	Pn	12 34 01.0	-3.1
SCO			IAMB	IAMB	12 34 04.4	
NOD	Nordapien	10.35 158	eP	Pn	12 34 19.2	-0.5
APA0	Apatty Array	10.47 110	Pn	Pn	12 34 17.9	-3.5
APA0			Sn	Sn	12 36 06.7	-1.2
APA0	Apatty Array	10.47 110	Pn	Pn	12 34 17.9	-3.5
APA0			Sn	Sn	12 36 06.7	-1.2
APA0	Apatty Array	10.47 110	Pn	Pn	12 34 17.9	-3.5
APA0			Sn	Sn	12 36 06.7	-1.2
LVZ	Lovzero	10.73 106	iP	Pn	12 34 21.3	-3.7
LVZ			pmax	pmax		
LVZ	comp=Z,374nm,1.3s	10.73 106	Pn	Pn	12 34 21.3	-3.7
MOL	Molde	10.77 177	eP	Pn	12 34 23.4	-2.1
AKN	Aaknes	11.16 179	Pn	Pn	12 34 29.1	-1.7
AKN	Aaknes	11.16 179	Pn	Pn	12 34 29.1	-1.7
AKN	Aaknes	11.16 179	eP	Pn	12 34 31.2	-2.1
DOMB	Dombras	11.34 174	eP	Pn	12 34 43.0	-1.7
NC20	NORSAR Array S	12.17 169	Pn	Pn	12 34 45.0	-0.7
NC303	NORSAR Array S	12.26 169	Pn	Pn	12 34 45.9	-0.7
NC405	NORSAR Array S	12.39 168	Pn	Pn	12 34 47.4	-0.7
NB000	NORSAR Array S	12.42 170	Pn	Pn	12 34 47.0	-0.7
NB201	NORSAR Array S	12.43 169	Pn	Pn	12 34 47.0	-1.2
NB2	NORSAR Subarra	12.43 169	Pn	Pn	12 34 47.1	-1.1
NB2	NORSAR Subarra	12.43 169	Pn	Pn	12 34 47.1	-1.1
NOA	NORSAR Array B	12.43 169	Pn	Pn	12 34 46.0	-2.3
NOA			LR	LR	12 39 27.1	
NOA	comp=Z,1.0nm,0.3s,baaz=349,slow=13,SNR=13					
NOA01	NORSAR Array S	12.61 170	Pn	Pn	12 34 49.2	-1.4
SKAR	Skarslia	12.68 176	eP	Pn	12 34 49.8	-1.9
NC602	NORSAR Array S	12.75 169	Pn	Pn	12 34 52.0	-0.5
NRA0	NORESS Array S	12.75 169	Pn	Pn	12 34 50.7	-1.9
NRA0	NORESS Array S	12.75 169	Pn	Pn	12 34 50.7	-1.9
NRA0	NORESS Array S	12.75 169	Pn	Pn	12 34 50.7	-1.9
NRA0	NORESS Array S	12.75 169	Pn	Pn	12 34 50.7	-1.9
NRA0	NORESS Array S	12.75 169	Pn	Pn	12 34 50.7	-1.9
SUMG	Summit	12.96 289	iP	Pn	12 34 54.0	-1.8
SUMG	Summit	12.96 289	iP	Pn	12 34 54.0	-1.8
SUMG	Summit	12.96 289	iP	Pn	12 34 54.0	-1.8
SUMG	Summit	12.96 289	iP	Pn	12 34 54.0	-1.8
SUMG	Summit	12.96 289	iP	Pn	12 34 54.0	-1.8
KONGS	Kongsberg	13.75 173	eP	Pn	12 35 07.2	-1.1
KONGS			pmax	pmax		
FIA1	FINESS Array S	13.97 138	Pn	Pn	12 35 04.9	-4.2
FIA0	FINESS Array S	13.97 138	Pn	Pn	12 35 06.0	-3.1
FIAS	FINESS Array S	13.97 138	Pn	Pn	12 35 06.0	-3.1
FIAS	FINESS Array B	13.97 138	Pn	Pn	12 35 06.2	-2.9
FINES			LR	LR	12 40 11.9	
FINES	comp=Z,19m,18.2s,baaz=350,slow=37					
TMCR	Tamitsa	14.44 113	eP	Pn	12 35 14.0	-1.5
TMCR			e	Pn	12 37 53.3	
TMCR			pmax	pmax		
VSU	Vasula	16.87 141	eP	Pn	12 35 44.5	-2.8
VSU	Vasula	16.87 141	eP	Pn	12 35 44.8	-2.5
MUD	Monsted Ugd	16.93 175	eP	P	12 35 53.0	+2.9
MUD			pmax	pmax		
MUD	Monsted Ugd	16.93 175	eP	P	12 35 53.1	+2.9
MUD			IAMB	IAMB	12 36 06.1	
MUD	Monsted Ugd	16.93 175	iP	P	12 35 53.0	+2.9
MUD						

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, PRU Pruhonice, WLF Waferdange, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CONA Conrad Observa, RETA Reutte, SRO Sopron, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kislovodsk, KVAR Kislovodsk Arr, ESCD Sonseca Array, etc.

CCB	Clear Creek Bu	41.26 344	P	P	12 39 36.8 +0.7
K27K	Chicken	41.34 340	P	P	12 39 38.1 +1.4
K27K	Chicken	41.34 340	P	P	12 39 36.9 +0.2
NEA2	Nenana	41.41 344	P	P	12 39 38.5 +1.1
HDA	Harding Lake	41.42 343	P	P	12 39 38.4 +0.9
HDA	Harding Lake	41.42 343	P	P	12 39 37.9 +0.5
WRH	Wood River Hill	41.46 344	P	P	12 39 39.9 +2.2
MATO	Matagami	41.58 284	P	P	12 39 38.7 -0.1
SCRK	Sand Creek	41.58 341	P	P	12 39 39.9 +1.1
BRLS	Boroday	41.77 100	eP	P	12 39 42.5 +2.0
BRLS	Boroday	41.77 100	eP	P	12 39 42.5 +2.0
MAKZ	Makanchi	41.82 86	P	P	12 39 41.3 +0.4
MAKZ	Makanchi	41.82 86	P	P	12 39 41.2 +0.4
RIDG	Independent Ri	41.89 341	P	P	12 39 42.0 +0.6
DOT	Dot Lake	41.91 341	P	P	12 39 40.9 -0.6
DOT	Dot Lake	41.91 341	P	P	12 39 43.6
MK31	Makanchi Array	41.92 86	P	P	12 39 42.2 +0.5
MK31	Makanchi Array	41.92 86	P	P	12 39 42.2 +0.5
MK31	Makanchi Array	41.92 86	P	P	12 39 42.4 +0.5
MKAR	Makanchi Array	41.92 86	P	P	12 39 42.2 +0.6
MKAR	Makanchi Array	41.92 86	P	P	12 39 42.2 +0.6
MKAR	Makanchi Array	41.92 86	P	P	12 41 21.2 +2.8
MKAR	Makanchi Array	41.92 86	P	P	12 39 42.5 +0.8
MKAR	Makanchi Array	41.92 86	P	P	12 39 42.5 +0.8
LSQQ	Lebel-sur-Quev	42.03 283	P	P	12 39 42.7 +0.2
BPAW	Bear Paw Mtn.	42.05 345	P	P	12 39 43.7 +1.2
SEY	Seymchan	42.14 22	iP	P	12 39 44.8 +1.5
MCK	McKinley	42.25 344	P	P	12 39 45.4 +1.2
ANM	Nome	42.30 355	P	P	12 39 45.0 +0.5
ANM	Nome	42.30 355	P	P	12 39 45.0 +0.5
DZA	Taraz	42.32 99	eP	P	12 39 45.5 +0.5
LATO	La Tuque	42.35 278	P	P	12 39 45.7 +0.6
TDK	Taldyqorghon	42.43 91	eP	P	12 39 46.2 +0.3
TDK	Taldyqorghon	42.43 91	eP	P	12 39 46.2 +0.3
TDK	Taldyqorghon	42.43 91	eP	P	12 46 08.4 +1.2
TDK	Taldyqorghon	42.43 91	eP	P	12 39 46.2 +0.3
TDK	Taldyqorghon	42.43 91	eP	P	12 46 08.3 +1.2
RND	Reindeer	42.57 344	P	P	12 39 47.5 +0.6
RND	Reindeer	42.57 344	P	P	12 39 47.5 +0.6
RND	Reindeer	42.57 344	P	P	12 39 47.5 +0.6
MENT	Mentasta	42.57 340	P	P	12 39 48.2 +1.4
KTH	Kantishna Hill	42.59 345	P	P	12 39 48.8 +1.8
D58A	Chemin du LacG	42.64 278	P	P	12 39 48.4 +0.8
IUG	Iuzhny	42.64 100	eP	P	12 39 48.0 +0.3
IUG	Iuzhny	42.64 100	eP	P	12 39 48.0 +0.3
IUG	Iuzhny	42.64 100	eP	P	12 46 11.8 +1.3
IUG	Iuzhny	42.64 100	eP	P	12 39 48.0 +0.3
IUG	Iuzhny	42.64 100	eP	P	12 46 11.7 +1.3
MOY	Monday	42.73 66	eP	P	12 39 50.1 +1.7
MOY	Monday	42.73 66	eP	P	12 39 50.1 +1.7
SGDS	Sogindy	42.76 95	eP	P	12 39 48.9 +0.3
SGDS	Sogindy	42.76 95	eP	P	12 39 48.9 +0.3
SGDS	Sogindy	42.76 95	eP	P	12 39 48.9 +0.3
KUU	Kurdy	42.85 93	eP	P	12 39 48.8 -0.5
KUU	Kurdy	42.85 93	eP	P	12 39 48.7 -0.5
KUU	Kurdy	42.85 93	eP	P	12 39 48.7 -0.5
USP	Ospenovka	42.89 95	P	P	12 39 51.7 +2.0
IRK	Irkutsk	43.07 63	eP	P	12 39 50.4 -0.5
IRK	Irkutsk	43.07 63	eP	P	12 39 50.4 -0.5
CHHK	Chushkaly	43.07 93	eP	P	12 39 50.6 -0.5
CHHK	Chushkaly	43.07 93	eP	P	12 39 50.6 -0.5
D56A	ZEC Mazanza, M	43.22 279	P	P	12 39 52.6 +0.4
GEYT	Alibeck	43.30 115	P	P	12 39 54.0 +1.0
GEYT	Alibeck	43.30 115	P	P	12 41 32.9 -0.5
GYA0B	ALIBECK ARRAY	43.30 115	P	P	12 39 53.8 +0.8
GYA0B	ALIBECK ARRAY	43.30 115	P	P	12 39 56.0
FFC	Flin Flon	43.39 307	P	P	12 39 52.4 -1.1
FFC	Flin Flon	43.39 307	P	P	12 39 52.4 -1.1
FFC	Flin Flon	43.39 307	P	P	12 39 52.4 -1.1
FFC	Flin Flon	43.39 307	P	P	12 39 52.4 -1.1
E58A	La Victoria	43.41 278	P	P	12 39 55.1 +1.4
TLY	Talaya	43.41 64	eP	P	12 39 54.7 +0.9
TLY	Talaya	43.41 64	eP	P	12 46 29.2 +7.8
TLY	Talaya	43.41 64	eP	P	12 49 49.5 -3.0
TLY	Talaya	43.41 64	eP	P	12 39 55.3 +1.5
TLY	Talaya	43.41 64	eP	P	12 39 53.7 -0.8
AAK	Ala-Archa	43.47 96	eP	P	12 39 56.7 +0.1
AAK	Ala-Archa	43.47 96	eP	P	12 39 56.7 +0.1
TKM2	Tokmak 2	43.52 94	iP	P	12 39 56.0 +1.0
TKM2	Tokmak 2	43.52 94	iP	P	12 39 56.0 +1.0
TTA	Tatalina	43.54 348	P	P	12 39 56.1 +1.4
TTA	Tatalina	43.54 348	P	P	12 39 56.0 +1.4
TTA	Tatalina	43.54 348	P	P	12 39 56.4 +0.6
AAA	Alma-Ata	43.64 93	eP	P	12 39 56.3 +0.6
AAA	Alma-Ata	43.64 93	eP	P	12 39 56.7 +0.1
MDOK	Medeo	43.72 93	eP	P	12 39 56.6 +0.1
MDOK	Medeo	43.72 93	eP	P	12 39 56.8 +0.3
E56A	St. Veronique	43.76 279	P	P	12 39 56.8 +0.3
TNS5	Tian-Shan	43.81 93	eP	P	12 39 58.8 +1.3
TNS5	Tian-Shan	43.81 93	eP	P	12 39 58.7 +1.3
TRQ	Mont Tremblant	43.91 279	P	P	12 39 59.4 +0.5
KPKS	Kokpek	43.92 91	eP	P	12 39 57.7 -0.3
KPKS	Kokpek	43.92 91	eP	P	12 39 57.6 -0.4
KPKS	Kokpek	43.92 91	eP	P	12 39 57.6 -0.4
SATY	Saty	44.21 92	eP	P	12 40 00.2 -0.2
SATY	Saty	44.21 92	eP	P	12 40 00.2 -0.2
SATY	Saty	44.21 92	eP	P	12 40 00.2 -0.2
SHLS	Shalkode	44.42 91	eP	P	12 40 03.2 +1.1
SHLS	Shalkode	44.42 91	eP	P	12 40 03.2 +1.1
SHLS	Shalkode	44.42 91	eP	P	12 40 03.2 +1.1
ZAK	Zakamsk	44.50 65	eP	P	12 40 03.4 +0.8
ZAK	Zakamsk	44.50 65	eP	P	12 41 46.4
ZAK	Zakamsk	44.50 65	eP	P	12 40 03.7 +0.1
SUA	Susitna One	44.64 345	P	P	12 40 03.7 +0.1

SUA	Susitna One	44.64 345	P	P	12 40 03.7 +0.1
G57A	Newington	45.06 278	P	P	12 40 04.6 -2.4
MA2	Magadan	45.23 25	eP	P	12 40 09.4 +1.2
MA2	Magadan	45.23 25	eP	P	12 40 09.4 +1.2
MA2	Magadan	45.23 25	eP	P	12 40 08.6 +0.4
MA2	Magadan	45.23 25	eP	P	12 40 10.4
DLBC	Dease Lake	45.27 329	P	P	12 40 08.6 -0.1
DLBC	Dease Lake	45.27 329	P	P	12 40 14.4
G54A	Lake Saint Pet	45.67 281	P	P	12 40 10.7 -1.1
ULM	Lac du Bonnet	46.03 299	P	P	12 40 13.5 -1.1
ULM	Lac du Bonnet	46.03 299	P	P	12 40 13.7 -0.8
ULM	Lac du Bonnet	46.03 299	P	P	12 40 16.8
WMQ	Urumqi	46.19 82	P	P	12 40 17.8 +1.8
WMQ	Urumqi	46.19 82	P	P	12 40 22.8 +1.0
WMQ	Urumqi	46.19 82	P	P	12 40 17.2 +1.2
WMQ	Urumqi	46.19 82	P	P	12 40 17.2 +1.2
WMQ	Urumqi	46.19 82	P	P	12 40 19.4
SADO	Sadowa	46.55 282	P	P	12 40 18.0 -0.7
KSH	Kashi	46.77 96	P	P	12 40 22.8 +1.9
KSH	Kashi	46.77 96	P	P	12 40 26.1 -0.3
KSH	Kashi	46.77 96	P	P	12 40 26.1 -0.3
ZEA	Zeya	47.01 44	eP	P	12 40 24.0 +1.8
ZEA	Zeya	47.01 44	eP	P	12 40 24.0 +1.8
ZEA	Zeya	47.01 44	eP	P	12 40 24.0 +1.8
ZEA	Zeya	47.01 44	eP	P	12 40 24.0 +1.8
ZEA	Zeya	47.01 44	eP	P	12 40 24.0 +1.8
B35A	Bob, Littlefor	47.22 297	P	P	12 40 23.6 -0.3
B35A	Bob, Littlefor	47.22 297	P	P	12 40 33.4
SONM	Songino Array	47.66 64	P	P	12 40 28.0 +0.5
SONM	Songino Array	47.66 64	P	P	12 40 28.0 +0.5
HRA	Herat	47.73 112	P	P	12 40 28.1 -0.3
HRA	Herat	47.73 112	P	P	12 40 30.9
ULN	Ulanbaatar	47.80 63	eP	P	12 40 29.9 +1.2
ULN	Ulanbaatar	47.80 63	eP	P	12 40 29.9 +1.2
ULN	Ulanbaatar	47.80 63	eP	P	12 40 29.9 +1.2
ULN	Ulanbaatar	47.80 63	eP	P	12 40 31.9
AGMN	Agassiz Nation	47.83 298	P	P	12 40 28.3 -0.3
AGMN	Agassiz Nation	47.83 298	P	P	12 40 27.9 -0.8
AGMN	Agassiz Nation	47.83 298	P	P	12 40 29.5
KDAX	Kodiak Island	48.43 345	eP	P	12 40 33.8 +0.6
KDAX	Kodiak Island	48.43 345	eP	P	12 40 33.8 +0.6
KDAX	Kodiak Island	48.43 345	eP	P	12 40 33.8 +0.6
KDAX	Kodiak Island	48.43 345	eP	P	12 40 33.8 +0.6
L56A	Greenwood	48.52 279	P	P	12 40 35.6 +1.4
WVWV	West Valley, N	48.57 280	P	P	12 40 34.6 +0.1
G40A	Rib Lake	49.14 292	P	P	12 40 38.4 +0.5
G40A	Rib Lake	49.14 292	P	P	12 40 39.2 +0.1
MDND	Maddock	49.18 301	P	P	12 40 38.9 -0.3
MDND	Maddock	49.18 301	P	P	12 40 40.7 -0.6
F36A	Milaca	49.48 295	P	P	12 40 42.2
HIA	Hailar	49.59 52	P	P	12 40 43.0 +0.7
HIA	Hailar	49.59 52	P	P	12 40 50.9
HIA	Hailar	49.59 52	P	P	12 40 43.0 +0.7
HIA	Hailar	49.59 52	P	P	12 40 50.9
M54A	Oil Creek Stat	49.70 281	P	P	12 40 43.8 +0.7
DGMT	Dagmar	49.71 305	P	P	12 40 44.2 +1.1
DGMT	Dagmar	49.71 305	P	P	12 40 44.1 +0.9
N57A	Milroy	49.79 278	P	P	12 40 45.4 +1.5
O59A	Robsonia	49.81 277	P	P	12 40 44.4 +0.4
SPMN	Marine on St.	49.88 294	P	P	12 40 45.1 +0.7
SPMN	Marine on St.	49.88 294	P	P	12 40 44.3 -0.1
M53A	WI Miller and	50.05 282	P	P	12 40 45.9 +0.1
M53A	WI Miller and	50.05 282	P	P	12 40 46.9 +1.1
M53A	WI Miller and	50.05 282	P	P	12 40 56.1
I42A	Draeger Farm,	50.07 290	P	P	12 40 46.5 +0.6
I42A	Draeger Farm,	50.07 290	P	P	12 40 47.1
M52A	Chesterland	50.15 282	P	P	12 40 47.1 +0.5
O58A	Lewisberry	50.20 278	P	P	12 40 48.2 +1.3
F33A	5 Mile Ranch,	50.22 297	P	P	12 40 46.4 -0.5
N54A	Moraine State	50.30 281	P	P	12 40 49.3 +1.6
N54A	Moraine State	50.30 281	P	P	12 40 47.6 -0.1
N54A	Moraine State	50.30 281	P	P	12 40 54.0
O57A	Amberson	50.32 278	P	P	12 40 48.9 +1.0
TAM	Tamanrasset	50.52 181	P	P	12 40 50.9 +1.1
TAM	Tamanrasset	50.52 181	P	P	12 40 50.9 +1.1
I40A	Norwalk	50.53 292	P	P	12 40 49.4 -0.1
I40A	Norwalk	50.53 292	P	P	12 40 50.6
O56A	Blue Knob Stat	50.53 279	P	P	12 40 48.8 -0.8
O56A	Blue Knob Stat	50.53 279	P	P	12 40 50.7 +1.2
N51A	Ashland	51.01 283	P	P	12 40 53.0 -0.1
N51A	Ashland	51.01 283	P	P	12 40 56.1
I37A	Lemond, Waseca	51.16 294	P	P	12 40 54.6 +0.4
O53A	New Philadelphia	51.30 282	P	P	12 40 56.3 +1.0
O53A	New Philadelphia	51.30 282	P	P	12 40 56.0 +0.7
WALA	Waterton Lakes	51.33 313	P	P	12 40 55.7 +0.2
WALA	Waterton Lakes	51.33 313	P	P	12 40 58.0
JFWS	Jewell Farm	51.34 291	P	P	12 40 55.0 -0.5
EGMT	Eagleton	51.41 310	P	P	12 40 56.7 +0.6
EGMT	Eagleton	51.41 310	P	P	12 40 56.7 +0.6
EGMT	Eagleton	51.41 310	P	P	12 40 57.0
MCWV	Mont Chateau	51.47 280	P	P	12 40 57.6 +1.2
MCWV	Mont Chateau	51.47 280	P	P	

19d 12h

2015 JAN

Table with columns for station ID, name, elevation, and forecast data. Includes stations like T50A Nancy, FLWY Flagg Ranch, HHC Hu-ho-hao-te, etc.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like LZH Lake Charles, HVU Hansel Valley, PLAL Pickwick Lake, etc.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like X37A Clayton, DMN Dama, KRMB Red Mountain, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like UBBA Unterbreizbach, NRS Narsarsuaq, NRS Narsarsuaq, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like OJC Ojcow, OJC Ojcow, OJC Ojcow, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like UBR Ueberruh, MOA Molin, CONA Conrad Observa, etc.

MK31	Makanchi Array	41.85	86	P	P	12 53 03.9	+1.3
MKAR	Makanchi Array	41.85	86	P	P	12 53 03.3	+0.7
MKAR	comp-Z,1.1nm,0.9s,baz=326,slow=6.7,SNR=41						
MKAR	comp-Z,8.7nm,1.2s,baz=339,slow=7.7,SNR=1.9					12 54 42	-1.8
MKAR	comp-Z,2.0nm,2.1s,baz=328,slow=4.0					13 13 15.6	
BWN	Browne	41.91	345	P	P	12 53 03.6	+0.8
RIDG	Independent Ri	41.94	342	P	P	12 53 04.0	+0.8
DOT	Dot Lake	41.95	341	P	P	12 53 03.5	+0.4
BPAW	Bear Paw Mtn.	42.09	346	P	P	12 53 05.0	+0.6
LSOQ	Lebel-sur-Quev	42.11	283	P	P	12 53 03.8	-0.8
SEY	Seymour	42.14	231	eP	P	12 53 06.0	+1.3
DZA	Taraz	42.25	99	eP	P	12 53 07.3	+1.4
DZA	Taraz	42.25	99	eP	P	12 53 07.2	+1.4
MCK	McKinley	42.30	344	P	P	12 53 07.1	+1.1
D60A	Saint Jean D'O	42.32	276	P	P	12 53 06.1	-0.2
ANM	Nome	42.33	355	P	P	12 53 06.6	+0.3
ANM	comp-Z,44nm,1.0s						
ANM	Nome	42.33	355	P	P	12 53 06.6	+0.3
ANM	Taldyqorghan	42.35	91	eP	P	12 53 08.0	+1.2
TDK	baz=91			eS	S	12 59 30.4	+2.1
TDK	comp-Z,584nm,13.0s			LR	LR	13 10 59.9	
TDK	Taldyqorghan	42.35	91	eP	P	12 53 07.9	+1.2
TDK	baz=91			eS	S	12 59 30.3	+2.1
LATQ	La Tuque	42.43	278	P	P	12 53 06.6	-0.6
IUG	Iuzhny	42.56	101	eP	P	12 53 09.2	+0.7
IUG	comp-Z,15nm,1.4s,ba						
IUG	Iuzhny	42.56	101	eP	P	12 53 09.1	+0.6
RND	Reindeer	42.62	344	P	P	12 53 10.0	+1.3
RND	comp-Z,23nm,1.2s						
RND	Reindeer	42.62	344	P	P	12 53 10.0	+1.3
MENT	Mentasta	42.62	341	P	P	12 53 09.5	+0.8
KTH	Kantishna Hill	42.63	345	P	P	12 53 09.2	+0.4
E61A	Lac Etchemin	42.63	275	P	P	12 53 09.1	+0.1
MOY	Mondy	42.67	66	eP	P	12 53 11.7	+2.4
MOY	comp-Z,161nm,1.9s						
SGDS	Sogindy	42.68	95	eP	P	12 53 09.8	+0.3
SGDS	comp-Z,9.5nm,1.0s,baz=95						
SGDS	Sogindy	42.68	95	eP	P	12 53 09.7	+0.3
TRF	Thorofore Moun	42.68	345	P	P	12 53 08.6	-0.7
D58A	Chemin du LacG	42.72	278	P	P	12 53 09.1	-0.5
PAX	Paxson	42.76	342	P	P	12 53 09.6	-0.2
PAX	comp-Z,22nm,1.0s						
PAX	Paxson	42.76	342	P	P	12 53 09.6	-0.2
KUU	Kurdy	42.77	93	eP	P	12 53 10.0	-0.2
KUU	comp-Z,21nm,0.8s,baz=93						
KUU	Kurdy	42.77	93	eP	P	12 53 09.9	-0.2
USP	comp-Z,21nm,0.8s						
USP	Ospenovka	42.81	96	P	P	12 53 11.7	+1.2
E60A	Ste Agathe de	42.96	276	P	P	12 53 11.2	-0.4
CHKK	Chushkaly	42.99	93	eP	P	12 53 12.6	+0.6
CHKK	Chushkaly	42.99	93	eP	P	12 53 12.5	+0.6
IRK	Irkutsk	43.01	63	eP	P	12 53 12.7	+0.8
VLDQ	Val d'Or	43.10	283	P	P	12 53 12.2	-0.5
CHMS	Chumby	43.13	95	P	P	12 53 14.7	+1.6
EK5Z	Erkin-Say	43.16	97	P	P	12 53 15.0	+1.6
F61A	St Evariste	43.19	275	P	P	12 53 13.3	-0.2
GEYT	Alibeck	43.22	115	P	P	12 53 15.1	+1.3
GEYT	comp-Z,28nm,0.8s,baz=302,slow=8.6,SNR=33						
GEYT	Alibeck	43.22	115	P	P	12 54 58.7	+4.8
GYA0B	ALIBECK ARRAY	43.22	115	P	P	12 53 15.1	+1.3
D56A	ZEC Mazanza, M	43.30	280	P	P	12 53 13.5	-0.8
PKME	Peaks-Kenny Pk	43.35	273	P	P	12 53 14.6	-0.1
TLY	Talaya	43.36	64	eP	P	12 53 17.3	+2.5
TLY	comp-Z,83nm,1.7s						
TLY	Talaya	43.36	64	eP	P	12 53 16.7	+1.9
PPLA	Purkeypile	43.37	346	P	P	12 53 14.2	-0.7
AAK	Ala-Archa	43.39	96	P	P	12 53 17.1	+1.8
AAK	Ala-Archa	43.39	96	iP	P	12 53 17.1	+1.8
AAK	Ala-Archa	43.39	96	eP	P	12 53 16.8	+1.5
AAK	Ala-Archa	43.39	96	eP	P	12 53 16.6	+1.3
TKM2	Tokmak 2	43.45	95	P	P	12 53 17.7	+1.9
TKM2	Tokmak 2	43.45	95	iP	P	12 53 16.7	+0.9
FFC	Flin Flon	43.47	307	P	P	12 53 14.4	-1.2
FFC	comp-Z,30nm,1.0s						
FFC	Flin Flon	43.47	307	P	P	12 53 14.4	-1.2
E58A	La Victoria	43.49	278	P	P	12 53 15.1	-0.7
KBK	Karagaybulak	43.50	95	P	P	12 53 19.8	+3.6
AAA	Alma-Ata	43.56	93	eP	P	12 53 16.8	+0.2
AAA	Alma-Ata	43.56	93	eP	P	13 11 18.9	
AAA	Alma-Ata	43.56	93	eP	P	12 53 16.8	+0.2
TTA	Tatalina	43.58	349	P	P	12 53 17.4	+0.9
TTA	comp-Z,28nm,1.3s						
TTA	Tatalina	43.58	349	P	P	12 53 17.4	+0.9
AML	Almayashu	43.62	97	P	P	12 53 19.5	+2.0
MDO	Medeo	43.64	93	eP	P	12 53 17.5	+0.1
MDO	comp-Z,537nm,12.9s,baz=93					13 11 23.9	
MDO	Medeo	43.64	93	eP	P	12 53 17.4	+0.1
M24K	Tolsona, Glenn	43.67	342	P	P	12 53 16.6	-0.6
M24K	Tolsona, Glenn	43.67	342	P	P	12 53 16.4	-0.8
CUT	Chulitna	43.72	345	P	P	12 53 18.4	+0.9
TNSS	Tian-Shan	43.73	93	eP	P	12 53 19.1	+0.7
TNSS	Tian-Shan	43.73	93	eP	P	12 53 19.0	+0.7
UCH	Uchter	43.77	96	P	P	12 53 21.2	+2.5
E56A	St. Veronique	43.83	280	P	P	12 53 18.3	-0.3
KPKS	Kokpek	43.84	91	eP	P	12 53 19.2	+0.4
KPKS	Kokpek	43.84	91	eP	P	12 53 19.1	+0.3
WHY	Whitehorse	43.85	334	P	P	12 53 18.2	-0.6
G61A	St-Isidore-de-	43.98	276	P	P	12 53 20.1	+0.3

TRQ	Mont Tremblant	43.99	279	P	P	12 53 19.1	-0.9
HYT	Haines Junction	44.02	336	P	P	12 53 22.0	+1.9
N25K	Chitina, Valde	44.02	341	P	P	12 53 21.6	+1.5
N25K	Chitina, Valde	44.02	341	P	P	12 53 20.8	+0.8
SCM	Sheep Creek Mo	44.04	343	P	P	12 53 20.6	+0.4
SCM	comp-Z,42nm,1.0s						
SCM	Sheep Creek Mo	44.04	343	P	P	12 53 20.6	+0.4
MCARA	McCarthy VSA	44.10	340	P	P	12 53 20.5	+0.2
GLB	Gilghina Butte	44.10	340	P	P	12 53 21.2	+0.5
H63A	New Sharon	44.11	274	P	P	12 53 21.1	+0.2
SATY	Saty	44.13	92	eP	P	12 53 21.4	+0.2
SATY	comp-Z,9.0nm,0.9s,baz=92						
SATY	Saty	44.13	92	eP	P	12 53 21.4	+0.2
SATY	comp-Z,9.0nm,0.9s						
SML	Sawmill	44.15	343	P	P	12 53 21.2	+0.1
SKT	Skwentina	44.23	345	P	P	12 53 20.1	-1.5
GHO	Glory Hole Cre	44.24	344	Iamb	Iamb	12 53 21.2	-0.6
GHO	comp-Z,143nm,2.0s					12 53 30.3	
BARN	Barnard Glacie	44.26	339	P	P	12 53 21.2	-0.8
ULHL	Ulho	44.26	94	P	P	12 53 25.3	+3.0
VRDI	Verde Repeater	44.27	340	P	P	12 53 21.9	-0.3
CTGM	Chitina Glacie	44.31	338	Iamb	Iamb	12 53 23.6	+1.1
CTGM	comp-Z,102nm,1.9s					12 53 32.8	
SHLS	Shalkode	44.35	91	eP	P	12 53 24.7	+1.8
SHLS	comp-Z,29nm,0.9s,baz=90						
SHLS	Shalkode	44.35	91	eP	P	12 53 24.7	+1.8
BALM	Baldy	44.35	339	P	P	12 53 23.6	+0.9
PMR	Palmer	44.43	344	P	P	12 53 24.1	+0.9
PMR	comp-Z,16nm,1.1s						
ZAK	Zakamensk	44.43	344	P	P	12 53 24.1	+0.9
ZAK	Zakamensk	44.45	65	eP	P	12 53 25.1	+1.5
ZAK	comp-Z,16nm,1.1s					12 55 07.3	
ZAK	comp-Z,16nm,1.4s						
KNK	Knik Glacier	44.55	343	P	P	12 53 24.1	-0.1
TGL	Tana Glacier	44.67	339	P	P	12 53 26.5	+1.2
SUA	Susitna One	44.69	345	Iamb	Iamb	12 53 25.5	+0.1
SUA	comp-Z,64nm,0.9s					12 53 28.4	
CRQM	Cirque	44.71	339	P	P	12 53 26.0	+0.4
ISLE	Juniper Island	44.77	339	P	P	12 53 26.1	-0.1
G58A	Ormstown	44.83	278	P	P	12 53 27.3	+0.8
YAH	Yahste	44.95	338	P	P	12 53 28.0	+0.4
GLI	Glacier Island	44.96	342	P	P	12 53 27.1	-0.3
RC01	Rabbit Creek A	44.98	244	P	P	12 53 29.7	+2.1
FRNY	Flat Rock	44.98	277	P	P	12 53 27.7	-0.1
G57A	Newington	45.13	279	P	P	12 53 29.4	+0.4
H59A	Catsville	45.18	277	P	P	12 53 29.1	-0.3
MA2	Magadan	45.22	251	eP	P	12 53 30.9	+1.4
MA2	comp-Z,1.0nm,0.4s						
MA2	Magadan	45.22	25	P	P	12 53 31.1	+1.6
ALGO	Algonquin Park	45.23	282	P	P	12 53 29.4	-0.4
DLBC	Dease Lake	45.33	330	Iamb	Iamb	12 53 31.2	+0.6
DLBC	comp-Z,92nm,1.6s					12 53 41.4	
LONY	Lake Ozonia	45.46	278	P	P	12 53 31.1	-0.5
LONY	Lake Ozonia	45.46	278	P	P	12 53 30.9	-0.7
G54A	Lake Saint Pet	45.75	282	P	P	12 53 33.5	-0.4
PLVO	Plevna	45.79	281	P	P	12 53 34.4	+0.2
PLVO	comp-Z,97nm,1.5s					12 53 37.4	
RSO	Rabbit South	45.83	346	P	P	12 53 34.8	+0.2
SEW	Seward	45.93	344	Iamb	Iamb	12 53 36.3	+1.2
SEW	comp-Z,51nm,1.0s					12 53 38.3	
ULM	Lac du Bonnet	46.10	300	P	P	12 53 35.4	-1.3
ULM	comp-Z,19nm,0.8s,baz=26,slow=6.7,SNR=34						
ULM	Lac du Bonnet	46.10	300	P	P	12 53 12.6	0.0
ULM	comp-Z,7.0nm,1.0s,baz=29,slow=4.9,SNR=2.5					13 12 48.3	
ULM	Urumqi	46.10	300	P	P	12 53 35.1	-1.6
ULM	Urumqi	46.12	83	eP	P	12 53 39.9	+3.0
WMQ	WMQ	46.12	83	eP	P	12 53 42.3	+1.9
WMQ	WMQ	46.12	83	eP	P	12 53 45.8	+8.9
WMQ	WMQ	46.12	83	eP	P	12 55 14.5	+1.6
WMQ	WMQ	46.12	83	eP	P	13 00 25.6	+2.5
WMQ	comp-Z,40nm,1.1s						
WMQ	comp-Z,380nm,4.7s						
WMQ	comp-Z,2.0nm,19.1s						
WMQ	comp-Z,5.0nm,21.3s						
WMQ	Urumqi	46.12	83	P	P	12 53 38.6	+1.7
WMQ	Urumqi	46.12	83	P	P	12 53 38.6	+1.7
DELO	Deloro Mine	46.42	281	P	P	12 53 39.0	-0.2
DELO	comp-Z,84nm,1.0s					12 53 42.7	
J59A	Plesco	46.50	277	P	P	12 53 40.2	+0.4
E46A	Sault Ste Mari	46.61	288	P	P	12 53 40.5	-0.1</

E28A	Huff	50.72	302	P	P	12 54 12.1	-0.2
E28A	comp=Z,142nm,1.6s					12 54 23.0	
L48A	N Adams	50.72	286	P	P	12 54 11.4	-0.9
N53A	Lisbon	50.76	282	P	P	12 54 12.8	+0.2
N53A	comp=Z,51nm,1.2s					12 54 20.6	
M50A	Fremont	50.83	284	P	P	12 54 13.1	0.0
M50A	comp=Z,97nm,1.5s					12 54 17.2	
SDMD	Soldier's Deli	50.91	277	P	P	12 54 13.0	-0.8
K43A	Burlington	51.09	289	P	P	12 54 14.4	-0.7
K43A	comp=Z,71nm,1.0s					12 54 27.2	
N51A	Ashland	51.09	283	P	P	12 54 14.3	-0.8
L46A	Eue Claire	51.17	287	P	P	12 54 15.7	0.0
L46A	comp=Z,61nm,1.1s					12 54 23.8	
P57A	Homestead Farm	51.18	278	P	P	12 54 15.0	-0.8
O54A	Avella	51.21	281	P	P	12 54 15.5	-0.6
O54A	comp=Z,101nm,1.6s					12 54 26.1	
I37A	Lemond, Waseca	51.24	294	P	P	12 54 15.0	-1.2
O53A	New Philadelphia	51.38	282	P	P	12 54 17.5	+0.2
O53A	comp=Z,85nm,1.5s					12 54 16.1	-1.3
NIL	Nilore	51.39	102	P	P	12 54 18.0	+0.5
NIL	comp=Z,58nm,1.2s					12 54 35.1	
NIL	Nilore	51.39	102	P	P	12 54 19.3	+1.8
NIL	comp=Z,58nm,1.1s					12 54 19.3	+1.8
P56A	Dayton Farm, R	51.40	279	P	P	12 54 18.2	+0.8
P56A	comp=Z,101nm,1.6s					12 54 16.6	-0.9
WALA	Waterton Lakes	51.40	314	P	P	12 54 16.6	-0.9
JFWS	Jewell Farm	51.42	291	P	P	12 54 17.1	-0.5
JFWS	comp=Z,68nm,1.4s					12 54 17.1	-0.5
JFWS	Jewell Farm	51.42	291	P	P	12 54 16.6	-1.0
JFWS	comp=Z,68nm,1.4s					12 54 20.7	
EGMT	Eagleton	51.48	310	P	P	12 54 18.0	-0.1
EGMT	comp=Z,68nm,1.4s					12 54 17.8	-0.3
EGMT	Eagleton	51.48	310	P	P	12 54 17.8	-0.3
EGMT	comp=Z,66nm,1.1s					12 54 27.0	
MCWV	Mont Chateau	51.54	280	P	P	12 54 19.1	+0.6
MCWV	comp=Z,66nm,1.1s					12 54 19.8	+1.3
GRNR	Gornyy	51.56	391	P	P	12 54 19.8	+1.3
GRNR	comp=N,4.0nm,0.9s					12 54 18.6	-0.3
GRNR	comp=Z,8.0nm,1.2s					12 54 18.8	-0.8
GRNR	comp=N,360nm,16.0s					12 54 22.8	
GRNR	comp=E,430nm,16.0s					12 54 20.2	-1.0
GRNR	comp=Z,620nm,16.0s					12 54 22.0	+0.5
GRNR	comp=Z,620nm,16.0s					12 54 21.1	-0.3
O58A	Fox Den Farm,	51.59	278	P	P	12 54 18.6	-0.3
O58A	comp=Z,620nm,16.0s					12 54 22.9	
N49A	Columbus Grove	51.60	285	P	P	12 54 18.1	-0.8
N49A	comp=Z,156nm,1.6s					12 54 22.8	
O52A	Adamsville	51.68	282	P	P	12 54 18.8	-0.8
O52A	comp=Z,91nm,1.4s					12 54 20.6	+0.8
Q57A	Strasburg	51.71	279	P	P	12 54 21.4	+0.3
Q57A	comp=Z,91nm,1.4s					12 54 20.2	-1.0
ACSO	Alum Creek Sta	51.90	283	P	P	12 54 20.2	-1.0
ACSO	comp=Z,117nm,1.5s					12 54 24.3	
ACSO	Alum Creek Sta	51.90	283	P	P	12 54 22.0	+0.5
ACSO	comp=Z,117nm,1.5s					12 54 21.1	-0.3
Q56A	Snyder Ridge,	51.93	279	P	P	12 54 21.1	-0.3
Q56A	comp=Z,117nm,1.5s					12 54 30.7	
Q56A	Snyder Ridge,	51.93	279	P	P	12 54 21.1	-0.3
Q56A	comp=Z,117nm,1.5s					12 54 22.2	+0.7
LAO	LASA Array	51.94	306	P	P	12 54 21.5	+0.1
LAO	comp=Z,163nm,1.8s					12 54 21.1	-1.2
LAO	LASA Array	51.94	306	P	P	12 54 21.5	+0.1
LAO	comp=Z,163nm,1.8s					12 54 26.0	
N47A	Urbana	52.06	286	P	P	12 54 22.2	+0.7
N47A	comp=Z,87nm,1.4s					12 54 22.2	-0.5
L42A	Oliver, Polo	52.11	290	P	P	12 54 22.2	-0.5
L42A	comp=Z,87nm,1.4s					12 54 22.7	-0.3
P53A	Whipple	52.14	282	P	P	12 54 22.7	-0.3
P53A	comp=Z,98nm,1.4s					12 54 33.9	
KLR	Kul'dur	52.15	431	P	P	12 54 23.6	+0.7
KLR	comp=Z,98nm,1.4s					12 54 23.4	-0.2
P52A	Corning	52.22	282	P	P	12 54 23.4	-0.2
P52A	comp=Z,17nm,1.3s					12 54 22.8	-0.8
P52A	Corning	52.22	282	P	P	12 54 22.8	-0.8
P52A	comp=Z,17nm,1.3s					12 54 33.8	
M44A	Midewin, Midew	52.24	288	P	P	12 54 22.9	-0.7
M44A	comp=Z,56nm,1.2s					12 54 23.9	-0.1
SUSD	Miller	52.27	299	P	P	12 54 23.5	-0.4
SUSD	comp=Z,56nm,1.2s					12 54 23.5	-0.5
R58A	Rapidan	52.28	278	P	P	12 54 23.5	-0.5
R58A	comp=Z,21,SNR=5.4					12 54 23.5	-0.5
O49A	Covington	52.32	285	P	P	12 54 23.5	-0.8
O49A	comp=Z,79nm,1.3s					12 54 28.2	
ECSD	EROS Data Cent	52.34	297	P	P	12 54 24.0	-0.5
ECSD	comp=Z,79nm,1.3s					12 54 23.2	-1.2
ECSD	EROS Data Cent	52.34	297	P	P	12 54 23.2	-1.2
ECSD	comp=Z,77nm,1.1s					12 54 32.1	
K38A	Parkersburg	52.34	293	P	P	12 54 23.4	-1.1
K38A	comp=Z,70nm,1.2s					12 54 31.8	
PEA0B	Petrovavlovsk-	52.36	221	P	P	12 54 26.6	+2.2
PETK	PETK	52.36	221	P	P	12 54 26.6	+2.2
PETK	comp=Z,9.3nm,1.0s,baz=71,slow=9.6,SNR=6.8					12 54 24.5	+0.1
PETK	comp=Z,9.3nm,1.0s,baz=71,slow=9.6,SNR=6.8					13 17 27.8	
R57A	Standardsville	52.43	278	P	P	12 54 24.1	-1.0
R57A	comp=Z,636nm,18.9s,baz=348,slow=37					12 54 24.7	-0.6
Q54A	Coxs Mills	52.45	281	P	P	12 54 24.7	-0.6
L40A	Anamosa	52.47	292	P	P	12 54 24.5	-1.0
L40A	comp=Z,82nm,1.2s					12 54 29.2	
TYV	Tymovskoe	52.53	34	P	P	12 54 30.4	+4.7
TYV	comp=Z,200nm,3.3s					12 54 30.4	+4.7
TYV	comp=Z,200nm,3.3s					12 54 27.1	+0.7
R56A	Bull Pasture M	52.58	279	P	P	12 54 27.1	+0.7
R56A	comp=Z,27nm,1.4s					12 54 26.2	-0.3
P51A	Williamsport	52.62	283	P	P	12 54 26.2	-0.3
P51A	comp=Z,59nm,1.2s					12 54 37.3	
JTMT	Jette	52.73	313	P	P	12 54 27.2	-0.2
Q53A	Leroy	52.76	281	P	P	12 54 27.8	+0.1
Q53A	comp=Z,59nm,1.2s					12 54 27.8	+0.6
NEW	Newport	52.82	316	P	P	12 54 27.8	+0.6
NEW	comp=Z,45nm,1.4s					12 54 28.1	+0.1
NEW	Newport	52.82	316	P	P	12 54 28.1	+0.1
NEW	comp=Z,45nm,1.4s					12 54 27.4	-0.6
Q52A	Bidwell	52.88	282	P	P	12 54 28.1	-0.3
Q52A	comp=Z,60nm,1.5s					12 54 38.6	
R55A	Marlington	52.90	280	P	P	12 54 28.4	-0.3
R55A	comp=Z,60nm,1.5s					12 54 28.4	-0.3
SFIN	Lafayette	52.91	287	P	P	12 54 28.4	-0.3
SFIN	comp=Z,21,SNR=6.2					12 54 28.4	-0.3
JTMT	Jette	52.73	313	P	P	12 54 27.2	-0.2
Q53A	Leroy	52.76	281	P	P	12 54 27.8	+0.1
Q53A	comp=Z,59nm,1.2s					12 54 27.8	+0.6
NEW	Newport	52.82	316	P	P	12 54 27.8	+0.6
NEW	comp=Z,45nm,1.4s					12 54 28.1	+0.1
NEW	Newport	52.82	316	P	P	12 54 28.1	+0.1
NEW	comp=Z,45nm,1.4s					12 54 27.4	-0.6
Q52A	Bidwell	52.88	282	P	P	12 54 28.1	-0.3
Q52A	comp=Z,60nm,1.5s					12 54 38.6	
R55A	Marlington	52.90	280	P	P	12 54 28.4	-0.3
R55A	comp=Z,60nm,1.5s					12 54 28.4	-0.3
SFIN	Lafayette	52.91	287	P	P	12 54 28.4	-0.3
SFIN	comp=Z,21,SNR=6.2					12 54 28.4	-0.3
JTMT	Jette	52.73	313	P	P	12 54 27.2	-0.2
Q53A	Leroy	52.76	281	P	P	12 54 27.8	+0.1
Q53A	comp=Z,59nm,1.2s					12 54 27.8	+0.6
NEW	Newport	52.82	316	P	P	12 54 27.8	+0.6
NEW	comp=Z,45nm,1.4s					12 54 28.1	+0.1
NEW	Newport	52.82	316	P	P	12 54 28.1	+0.1
NEW	comp=Z,45nm,1.4s					12 54 27.4	-0.6
Q52A	Bidwell	52.88	282	P	P	12 54 28.1	-0.3
Q52A	comp=Z,60nm,1.5s					12 54 38.6	
R55A	Marlington	52.90	280	P	P	12 54 28.4	-0.3
R55A	comp=Z,60nm,1.5s					12 54 28.4	-0.3
SFIN	Lafayette	52.91	287	P	P	12 54 28.4	-0.3
SFIN	comp=Z,21,SNR=6.2					12 54 28.4	-0.3
JTMT	Jette	52.73	313	P	P	12 54 27.2	-0.2
Q53A	Leroy	52.76	281	P	P	12 54 27.8	+0.1
Q53A	comp=Z,59nm,1.2s					12 54 27.8	+0.6
NEW	Newport	52.82	316	P	P	12 54 27.8	+0.6
NEW	comp=Z,45nm,1.4s					12 54 28.1	+0.1
NEW	Newport	52.82	316	P	P	12 54 28.1	+0.1
NEW	comp=Z,45nm,1.4s					12 54 27.4	-0.6
Q52A	Bidwell	52.88	282	P	P	12 54 28.1	-0.3
Q52A	comp=Z,60nm,1.5s					12 54 38.6	
R55A	Marlington	52.90	280	P	P	12 54 28.4	-0.3
R55A	comp=Z,60nm,1.5s					12 54 28.4	-0.3
SFIN	Lafayette	52.91	287	P	P	12 54 28.4	-0.3
SFIN	comp=Z,21,SNR=6.2					12 54 28.4	-0.3
JTMT	Jette	52.73	313	P	P	12 54 27.2	-0.2
Q53A	Leroy	52.76	281	P	P	12 54 27.8	+0.1
Q53A	comp=Z,59nm,1.2s					12 54 27.8	+0.6
NEW	Newport	52.82	316	P	P	12 54 27.8	+0.6
NEW	comp=Z,45nm,1.4s					12 54 28.1	+0.1
NEW	Newport	52.82	316	P	P	12 54 28.1	+0.1
NEW	comp=Z,45nm,1.4s					12 54 27.4	-0.6
Q52A	Bidwell	52.88	282	P	P	12 54 28.1	-0.3
Q52A	comp=Z,60nm,1.5s					12 54 38.6	
R55A	Marlington	52.90	280	P	P	12 54 28.4	-0.3
R55A	comp=Z,60nm,1.5s					12 54 28.4	-0.3
SFIN	Lafayette	52.91	287	P	P	12 54 28.4	-0.3
SFIN	comp=Z,21,SNR=6.2					12 54 28.4	-0.3

S57A	Dark Hollow, R	53.05	279	P	P	12 54 29.6	-0.1
S57A	comp=Z,90nm,1.4s					12 54 29.6	-0.1
S57A	Dark Hollow, R	53.05	279	P	P	12 54 29.6	-0.1
S57A	comp=Z,90nm,1.4s					12 55 51.6	
Q01A	Peebles	53.12	283	P	P	12 54 30.0	-0.3
Q01A	comp=Z,111nm,1.4s			</			

Table with columns: CCM, Cathedral Cave, 56.22 290, P, P, 12 54 50.9 -1.8, LZH, comp=Z,1um,16.3s, LR, LR, 12 55 16.2 -0.9

Table with columns: LZH, comp=Z,1um,16.3s, LR, LR, 12 55 16.2 -0.9, LZH, comp=Z,1um,16.0s, LR, LR, 12 55 16.4 -0.8

Table with columns: Y45A Yeager Farm, C, 59.69 287, P, P, 12 55 16.2 -0.9, OK031 S. Brethren Rd, 59.70 294, P, P, 12 55 16.4 -0.8

19d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MVCO Mesa Verde, TAPN Tapejunga, PAHR Pah Rah Range, etc.

2015 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHL Shilling, SHL Shilling, MOKO MOKOCHONG, etc.

880

Table with columns for station name, frequency, power, and other technical details. Includes stations like SAIH SAHA, 833A Charral WMA, 833A Chaparral WMA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI, MYLDM, DAV, SDBA, JANB, BDFB, etc.

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

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

SOME 19 13:04:00.1, 43.27N; 76.07E, h15km
NINC 19 13:04:00.6, 43.28N; 76.14E, h0km, mb2.9, mpv2.8,
Error ellipse: s-maj=2.8km s-min=2.1km az=138.0

KRNET 19 13:04:00.1, 0.9, 43.26N; 76.08E, h23km, mb2.4
ISC 19 13:04:00.1, 0.9, 43.26N; 76.08E, 0.02, h18km, 5km,
n40, c073/78, 21C-12D, Lake Issyk-Kul region

NAO 19 13:09:36.4-470.0, 73.116N; 6.04E, h11km, 890km, ML4.2
IDC 19 13:09:35.3-0.5, 73.131N; 6.12E, h0km, mb4.2/26,
mb1 4.3/33, mb1mx4.2/50, mbmp4.2/33, ML3.6/7, MS4.1/20,
Ms1.4/120, ms1mx3.8/49, Error ellipse: s-maj=13.2km

MOS 19 13:09:35.3, 1.0, 73.28N; 6.15E, h10km, mb4.7/40, Error
ellipse: s-maj=18.5km s-min=5.4km az=94.9
NEIC 19 13:09:36.3, 1.9, 73.20N; 0.07, 6.3E; 0.2, h10km, 1km,
mb4.6/76, Error ellipse: s-maj=12.5km s-min=10.9km
az=189.0

GCMT 19 13:09:37.3, 0.3, 73.31N; 0.03, 6.44E; 0.09, h12km,
MW1.9/19 Moment Tensor Solution, s17, c18, s e91, c124;
Duration: 0 Moment tensor: Scale 1016Nm; M1: 1.65E; 0.6;
M2: 0.68E; 0.6; Best double couple: M1: 1.82600E+10
NP1: 0.239, 0.00000; 0.846, 0.00000; -0.58, 0.00000; NP2:
0.17, 0.00000; 0.53, 0.00000; -0.119, 0.00000. Principal axes:
T 1.6320, Plg4.0000, Azm127.0000; N 0.3900,
Plg23.0000; Azm36.0000; P -2.0210, Plg67.0000,
Azm226.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

DNK 19 12:59:37.5, 2.4, 73.32N; 0.53E, h0km, 68km, ML2.4
ISC 19 12:59:34.8, 0.6, 73.17N; 0.05, 6.38E; 0.06, h10km, n62,
c263/71, mb3.6/10, Greenland Sea

UPP 19 13:09:44.6, 3.1, 72.78N; 7.73E, h0km, ML2.1, Suspected
explosion
ISC 19 13:09:36.5, 0.3, 73.19N; 0.04, 6.32E; 0.14, h10km, n350,
c262/375, mb4.5/104, MS4.1/17, 9C-11D, Greenland Sea

Code Station Name Az Az' Phase ID Time Res ISC
BJO1 Bjornoya 3.65 63 Pn Pn 13 00 31.8 +0.6
BJO1 Bjornoya 3.65 63 Pn Pn 13 00 32.1 +0.9
HSPB Hornsund (broa 4.45 26 Pn Pn 13 00 40.1 -1.4
HSPB Hornsund (broa 4.45 26 Pn Pn 13 00 41.1 -1.1
JMJC Jan Mayen 5.22 253 Pn Pn 13 00 50.6 -2.1

JMJC Jan Mayen 5.22 253 Pn Pn 13 00 51.0 -1.8
BRBA Barentsburg A 5.24 17 Pn Pn 13 00 51.7 -1.3
BRBA Barentsburg A 5.24 17 Pn Pn 13 00 55.4 +2.3
TRO Tromsø 5.24 127 Pn Pn 13 01 49.2 -4.2
TRO Tromsø 5.24 127 Pn Pn 13 01 54.4

LOF Lofoten 5.53 153 Pn Pn 13 00 59.9 +2.9
LOF Lofoten 5.53 153 Pn Pn 13 01 54.2 -6.2
LOF Lofoten 5.53 153 Pn Pn 13 00 59.2 +2.2
LOF Lofoten 5.53 153 Pn Pn 13 01 55.7 -4.8
LOF Lofoten 5.53 153 Pn Pn 13 02 01.4

SPA0 Spitsbergen Ar 5.55 21 Pn Pn 13 00 56.7 -0.6
SPA0 Spitsbergen Ar 5.55 21 Pn Pn 13 00 56.7 -0.6
SPA0 Spitsbergen Ar 5.55 21 Pn Pn 13 00 57.0 -0.3
JETT Jettan, Norway 5.65 123 Pn Pn 13 01 02.0 +3.3
HOPEN Hopen 5.80 46 Pn Pn 13 01 01.0 +0.3
HOPEN Hopen 5.80 46 Pn Pn 13 01 01.1 +0.3
HOPEN Hopen 5.80 46 Pn Pn 13 02 01.1 -6.1
HOPEN Hopen 5.80 46 Pn Pn 13 02 09.0

HAMF Hammerfest 5.82 108 Pn Pn 13 01 18.8 +0.9
HAMF Hammerfest 5.82 108 Pn Pn 13 01 16.8 +0.6
HAMF Hammerfest 5.82 108 Pn Pn 13 02 03.3 -4.3
HAMF Hammerfest 5.82 108 Pn Pn 13 02 06.7

KBS Kingsbay 5.91 10 Pn Pn 13 01 00.8 -1.5
KBS Kingsbay 5.91 10 Pn Pn 13 01 00.1 -1.5
KBS Kingsbay 5.91 10 Pn Pn 13 01 00.8 -1.5
KBS Kingsbay 5.91 10 Pn Pn 13 01 03.4 +1.1
STEI Steigen 5.96 148 Pn Pn 13 01 04.6 +1.7
STEI Steigen 5.96 148 Pn Pn 13 01 05.1 +2.2
STEI Steigen 5.96 148 Pn Pn 13 02 06.8 -4.2
STEI Steigen 5.96 148 Pn Pn 13 02 10.6

KIF Kilpisjärvi 6.16 126 Pn Pn 13 01 07.3 +1.7
KIF Kilpisjärvi 6.16 126 Pn Pn 13 02 12.1 -3.8
KIF Kilpisjärvi 6.16 126 Pn Pn 13 01 07.1 +1.5
KIF Kilpisjärvi 6.16 126 Pn Pn 13 02 12.4 -3.6
FAUS Fauske 6.47 150 Pn Pn 13 01 12.1 +2.1
FAUS Fauske 6.47 150 Pn Pn 13 02 18.3 -5.4
FAUS Fauske 6.47 150 Pn Pn 13 02 24.6

KTK1 Kautokino 6.75 120 Pn Pn 13 01 17.9 +4.1
ARA0 ARCES Array S 6.98 112 Pn Pn 13 01 18.3 +1.3
ARA0 ARCES Array S 6.98 112 Pn Pn 13 01 18.3 +1.3
ARA0 ARCES Array S 6.98 112 Pn Pn 13 01 19.1 +2.1
ARA0 ARCES Array S 6.98 112 Pn Pn 13 02 22.2 -4.2

ARA0 ARCES Array S 6.98 112 Pn Pn 13 01 18.6 +1.7
ARCES ARCES Array S 6.98 112 Pn Pn 13 01 18.6 +1.7
ARCES ARCES Array S 6.98 112 Pn Pn 13 02 30.9 -5.5

SPA2 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.6 -0.9
SPA3 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.7 -0.8
SPB2 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.6 -0.9
SPB4 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.4 -1.1
SPA0 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.6 -0.9

SPA0 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.1 -1.4
SPA0 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.6 -0.9
SPA0 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.7 -0.9
SPITS Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.2 -1.4
SPITS Spitsbergen Ar 5.59 22 Pn Pn 13 11 59.9 -4.0
SPITS Spitsbergen Ar 5.59 22 Pn Pn 13 11 59.9 -4.0

SPITS Spitsbergen Ar 5.59 22 Pn Pn 13 12 51.3
SPB1 Spitsbergen Ar 5.59 22 Pn Pn 13 10 57.8 -1.8
SPB1 Spitsbergen Ar 5.59 22 Pn Pn 13 10 58.0 -1.6
SPB5 Spitsbergen Ar 5.59 22 Pn Pn 13 10 57.8 -1.8
LOF Lofoten 5.62 151 Pn Pn 13 10 58.9 -1.0
LOF Lofoten 5.62 151 Pn Pn 13 10 55.8 -0.6
LOF Lofoten 5.62 151 Pn Pn 13 11 56.6 -0.9
LOF Lofoten 5.62 151 Pn Pn 13 11 57.2

N2SV N2SV 5.77 154 Pn Pn 13 11 01.3 -0.7
N2SV N2SV 5.77 154 Pn Pn 13 12 00.9 -7.2
JETT Jettan, Norway 5.79 122 Pn Pn 13 11 02.2 -0.1
JETT Jettan, Norway 5.79 122 Pn Pn 13 12 01.8 -7.0
HOPEN Hopen 5.90 47 Pn Pn 13 11 01.5 -2.3
HOPEN Hopen 5.90 47 Pn Pn 13 11 01.7 -2.1

Table with columns for station name, frequency, mode, and other parameters. Includes stations like HOPEN, KINGSBAY, STEIGEN, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like TULEG, SFJUD, EUNOU, NACGM, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like ARU, ARU, ARU, ABTA, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	s
MS3.6, Luzon							
SMPP	San Manuel, Pa	1.17	48	eS	Pn	14 32 17.6	+0.2
SMPP				eP	Pn	14 32 32.1	-0.2
MACP	Maragondon, Ca	1.43	140	eS	Pn	14 32 20.9	-0.1
MACP				eS	Pn	14 32 39.9	+0.4
<p>IDC 19 14:35:41.6±5.5, 3°33'N-97°06'E, h120km, 37km, mb3.3/5, mb1 3.4/6, mb1mx3.2/62, mbtmp3.7/6, Error ellipse: s-maj=86.2km s-min=17.4km az=59.0</p> <p>ISC 19 14:35:38.6±1.8, 32°N-102°06'E, h100km, n10, c084r8, mb3.5/5, Northern Sumatra</p>							
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
PSI	Prapat	2.21	101	Op	Pn	14 36 15.3	+1.3
PSI				S	Sn	14 36 40.4	-0.8
CMAR	Chiang Mai Arr	15.28	8	P	P	14 39 11.0	-0.6
H08S2	Diego Garcia H	26.51	246	T	T	15 07 59.2	
H08S3	Diego Garcia H	26.51	246	T	T	15 07 59.8	
H08S1	Diego Garcia H	26.52	246	T	T	15 08 00.9	
WRA	Warramunga Arr	43.50	124	P	P	14 43 31.7	-0.8
ASAR	Alice Springs	44.98	128	P	P	14 43 44.0	-0.4
MKAR	Makanchi Array	45.18	346	P	P	14 43 45.6	+0.2
SONM	Songino Array	45.21	9	P	P	14 43 45.7	-0.1
ZALV	Zalesovo Beam	51.49	351	P	P	14 44 34.3	+0.5
<p>TUL 19 14:48:13.4±1.1, 36°29'N-102°06'E, h14km, 7km, ML3.3, mb_Lg3.4/99(NEIC), Error ellipse: s-maj=2.9km s-min=1.4km az=134.0</p> <p>NEIC 19 14:48:13.7±1.0, 36°29'N-102°06'E, h2W, 0.03, h9km, 5km, Error ellipse: s-maj=4.4km s-min=2.1km az=62.0</p> <p>ANF 19 14:48:13.3±0.3, 36°30'N-96°81'W, h0km, ML4.1/11, Error ellipse: s-maj=3.6km s-min=2.7km az=11.0</p> <p>ISC 19 14:48:13.4±0.9, 36°26'N-102°06'E, h88W, 0.03, h11km, 7km, n118, c1922/104, Oklahoma</p>							
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
QUOK	Quay	0.17	123	Op	Pg	14 48 16.8	-0.2
QUOK				Sg	Pg	14 48 18.8	-0.8
OK031	S. Brethren Rd	0.31	174	Op	Pg	14 48 20.4	+0.8
OK031				Sg	Pg	14 48 24.9	+0.7
OK030	Cody Creek Rv	0.34	167	Op	Pg	14 48 20.9	+0.7
OK030				Sg	Pg	14 48 25.7	+0.9
OK029	Liberty Lake	0.66	225	Op	Pg	14 48 27.4	+0.5
T35A	Sooner Cattle	0.72	24	Op	Pg	14 48 26.4	-0.9
T35B	Sooner Cattle	0.72	24	Op	Pg	14 48 26.3	
T35B				S	S	14 48 35.2	
OK025	Westminster Rd	0.78	209	Op	Pg	14 48 29.2	+0.9
OK025				Sg	Pg	14 48 39.9	+0.5
BCKO	Bluff Creek, N	0.85	225	Op	Pg	14 48 30.6	-0.7
BCKO				Sg	Pg	14 48 42.6	-1.1
KAN13	South Haven SW	0.98	327	Op	Pg	14 48 30.6	-0.2
CROK	Carrier	0.92	286	Op	Pg	14 48 31.9	-0.4
CROK				Sg	Pg	14 48 44.8	-0.8
TUL1	Leonard	0.95	111	Op	P	14 48 30.8	-1.1
TUL1				S	Sb	14 48 42.7	-1.8
TUL1	Leonard	0.95	111	Op	Pg	14 48 30.8	-1.1
TUL1	Leonard	0.95	111	Op	Pg	14 48 30.5	
TUL1				S	S	14 48 42.7	
OKCFA	Oklahoma City	0.96	209	Op	Pg	14 48 32.3	+0.4
OKCFA				Sg	Pg	14 48 36.3	+0.3
OKCSW	OKLAHOMA CITY	0.97	208	Op	Pg	14 48 32.4	+0.4
FNO	Franklin	1.09	203	Op	Pg	14 48 34.3	-0.3
W35A	Tecumseh	1.11	180	Op	Pg	14 48 34.4	-0.2
W35A				Sg	Pg	14 48 49.5	-0.6
KAN14	Manchester OK	1.11	309	Op	Pg	14 48 35.2	-0.2
KAN01	Argonia South	1.14	322	Op	Pg	14 48 35.2	-0.1
KAN10	Anthony SW Sta	1.30	312	Op	Pg	14 48 38.2	+0.3
KAN08	Anthony NE Sta	1.30	318	Op	Pg	14 48 38.2	+0.3
KAN12	Harper NE Sta	1.37	319	Op	Pg	14 48 39.2	+0.2
US2A	Winter Ranch,	1.72	275	Op	P	14 48 45.3	+0.3
US2A	Winter Ranch,	1.72	275	Op	P	14 48 45.6	
US2A				S	S	14 49 09.9	
U38A	Gravette	2.02	84	Op	Pn	14 48 48.4	+0.9
U38A	Gravette	2.02	84	Op	P	14 48 48.5	
U38A				S	S	14 49 15.3	
X37A	Clayton	2.08	143	Op	Pn	14 48 49.4	+1.2
X37A				I Amb_Lg		14 49 22.1	
X37A				P	P	14 48 49.6	
WMOK	Wichita Mounta	2.17	226	Op	Pb	14 48 51.6	-1.2
WMOK	Wichita Mounta	2.17	226	Op	Pn	14 48 51.5	-1.2
WMOK	Wichita Mounta	2.17	226	Op	Pb	14 48 51.6	
HHAR	Hobbs	2.38	89	Op	Pn	14 48 53.2	+0.9
HHAR	Hobbs	2.38	89	Op	P	14 48 53.3	
R32A	Long Quarter,	2.60	326	Op	Pn	14 48 56.5	+1.0
W39A	Magazine	2.73	112	Op	P	14 48 58.2	+1.0
W39A				Sb	Sb	14 49 37.6	+1.8
W39A	Magazine	2.73	112	Op	Pn	14 48 57.1	-0.1
W39A	Magazine	2.73	112	Op	P	14 48 58.0	
KSU1	Kansas State U	2.84	4	Op	Sb	14 49 40.9	+2.0
KSU1				Pn	Pn	14 48 58.4	-0.3
Z35A	Perchaven, San	2.94	186	Op	Pn	14 49 01.9	+1.5
Z35A	Perchaven, San	2.94	186	Op	P	14 49 02.2	
S39A	Bolivar	3.19	62	Op	Pn	14 49 04.3	+0.8
S39A				I Amb_Lg		14 50 00.6	
S39A				P	P	14 49 04.7	
MIAR	Mount Ida	3.20	121	Op	Pn	14 49 04.7	+1.2
MIAR	Mount Ida	3.20	121	Op	Pn	14 49 04.3	+0.7
MIAR	Mount Ida	3.20	121	Op	Pn	14 49 04.7	
U40A	Yellville	3.25	87	Op	Pn	14 49 05.1	+0.7
U40A	Yellville	3.25	87	Op	Pn	14 49 04.3	-0.1
U40A	Yellville	3.25	87	Op	P	14 49 04.9	
U40A				P	P	14 49 04.9	
Z38A	Mt. Pleasant	3.38	152	Op	Pn	14 49 07.2	+1.2
Z38A				I Amb_Lg		14 50 06.9	
CBKS	Cedar Bluff	3.41	319	Op	Pn	14 49 07.6	+1.0
CBKS				I Amb_Lg		14 50 07.7	
X40A	Basin Creek Fa	3.75	117	Op	Pn	14 49 12.7	+1.5
X40A				Pn	Pn	14 49 11.8	+0.6
X40A	Basin Creek Fa	3.75	117	Op	P	14 49 12.6	
X40A				P	P	14 49 12.6	
MGM0	Mountain Grove	3.81	75	Op	Pn	14 49 12.3	+0.2
MGM0				I Amb_Lg		14 50 20.0	
WHAR	Woolly Hollow	3.86	103	Op	Pn	14 49 12.9	+0.3
WHAR				I Amb_Lg		14 50 16.1	

FCAR	Ozark Folk Cen	3.87	94	Op	Pn	14 49 13.0	+0.1
W41B	Gary Mavity, V	3.92	105	Op	Sb	14 50 15.1	+5.0
W41B				I Amb_Lg		14 49 13.7	+0.1
W41B				P	P	14 50 21.2	
W41B				S	S	14 50 00.1	
WLAR	White Oak Lake	4.02	129	Op	Pn	14 49 15.1	+0.2
WLAR				I Amb_Lg		14 50 19.2	
AMTX	Amarillo	4.15	252	Op	Pn	14 49 19.5	+2.8
AMTX				Sb	Sg	14 50 23.0	-3.5
AMTX				Pn	Pn	14 49 18.0	+1.2
AMTX				I Amb_Lg		14 50 35.9	
AMTX				P	P	14 49 19.5	
R40A	Maddies Statio	4.20	60	Op	Pn	14 49 17.2	-0.1
R40A	Maddies Statio	4.20	60	Op	P	14 49 18.2	
P38A	Dawn	4.27	37	Op	Pn	14 49 18.9	+0.5
WHTX	Lake Whitney,	4.29	187	Op	Pn	14 49 20.5	+1.9
WHTX				Sb	Sg	14 50 26.1	-4.9
WHTX				Pn	Pn	14 49 19.5	+0.9
WHTX				Pn	Pn	14 49 19.2	+0.6
WHTX				S	S	14 49 19.5	+0.5
WHTX				S	S	14 50 10.9	
Z41A	Richard Creek	4.50	31	Op	Pn	14 49 21.4	-0.1
Z41A				I Amb_Lg		14 50 43.1	
LCAR	Lake Charles	4.64	91	Op	Pn	14 49 22.8	-0.6
LCAR				I Amb_Lg		14 50 43.0	
N35A	Van Buren	4.69	12	Op	Pn	14 49 21.9	-2.2
T42A	Van Buren	4.72	79	Op	Pn	14 49 24.5	0.0
T42A				I Amb_Lg		14 50 41.5	
T42A				Pn	Pn	14 49 25.0	
CCM	Cane Creek	4.80	118	Op	Pn	14 50 50.9	
CCM				Pn	Pn	14 49 26.2	0.0
CCM				I Amb_Lg		14 50 51.6	
PARM0	Paris	5.02	48	Op	Pn	14 49 29.2	+0.5
PARM0				I Amb_Lg		14 50 53.6	
X43A	Lake Whitney,	5.20	108	Op	Pn	14 51 09.5	
X43A				I Amb_Lg		14 51 02.4	
PBMO	Poplar Bluff	5.22	82	Op	Pn	14 49 09.4	
BGNE	Belgrade	5.23	349	Op	Pn	14 49 32.1	+0.5
BGNE				Pn	Pn	14 49 31.8	+0.2
BGNE				Pn	Pn	14 49 32.2	
KSC0	Key Sheddlock'	5.32	303	Op	Pn	14 49 34.5	+1.6
MXST	Muleshoe	5.34	246	Op	Pn	14 49 34.5	+1.3
N38A	Joel South For	5.35	31	Op	Pn	14 49 33.6	+0.4
N38A				I Amb_Lg		14 51 05.5	
N38A				P	P	14 49 34.0	
435B	Jarrell	5.50	186	Op	I Amb_Lg	14 51 18.0	
L34A	Svensden Farm,	5.71	4	Op	I Amb_Lg	14 51 25.9	
L34A				I Amb_Lg		14 51 23.4	
PARM0	Parma	5.76	84	Op	Pn	14 49 38.3	-0.5
SLM	Saint Louis	5.79	64	Op	I Amb_Lg	14 51 13.8	
T25A	Trinidad	6.11	280	Op	I Amb_Lg	14 51 34.7	
HALT	Halls	6.12	91	Op	I Amb_Lg	14 51 34.2	
OGNE	Ogallala	6.17	321	Op	Pn	14 49 45.4	+0.8
OGNE				I Amb_Lg		14 51 37.8	
JCT	Junction City	6.26	204	Op	Pn	14 49 46.6	+0.8
JCT				I Amb_Lg		14 51 50.1	
S44A	Carbondale						

19d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Scoresbysund, Trondheim, Apatity Array, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, CLL, NEUB, NRS, NRS, NRS, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SMOL, SMOL, SMOL, SMOL, and many others.

Table with columns: AAK, Ala-Archa, 26.41 315 P, P, 15 36 29.0 +1.4, comp=Z,3.9nm,0.6s,baz=148,slow=8.2,SNR=18

NOU 19 15:32:53.9, 1.42S; 153.53E, h326km, mb4.2, New Ireland Region, P,N,G

NEIC 19 15:33:10.0, 1.0, 3.4S; 0.1, 152.8E, 0.1, h319km, 10km, mb4.5/13, Error ellipse: s-maj=18.8km s-min=15.6km az=121.0

IDC 19 15:33:10.1, 3.5, 3.40S; 152.82E, h315km, 36km, mb3.3/9, mb1.3/4/1, mb1mx3.1/49, mbtmp3.9/11, Error ellipse: s-maj=42.1km s-min=17.7km az=109.0

ISC 19 15:33:08.2, 0.6, 3.45S; 0.09, 152.8E, 0.1, h300km, n28, r1524/29, mb4.3/16, New Ireland region

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

IDC 19 15:35:05.2, 1.1, 35.15N; 137.83E, h0km, mb3.5/3, mb1.3/7/4, mb1mx3.3/61, mbtmp3.6/4, ML4.1/1, Error ellipse: s-maj=36.8km s-min=12.1km az=100.0

JMA 19 15:35:09.5, 35.76N; 139.23E, h55km, 1km, M3.2

Broadband fault plane solution: P waves. NP1: q=20.0000°, δ=38.0000°, λ=47.0000°. NP2: q=250.0000°, δ=63.0000°, λ=118.0000°. Principal axes: T: Plg61.0000°, Azm204.0000°, N: Plg25.0000°, Azm57.0000°, P: Plg14.0000°, Azm320.0000°.

JMA Felt J1. NEIC 19 15:35:09.5, 0.6, 3.5S; 84N; 0.06; 139.21E; 0.06, h78km, 3km, mb4.4/4, Error ellipse: s-maj=8.3km s-min=7.1km az=155.0

ISC 19 15:35:08.2, 0.6, 3.579N; 0.03, 139.23E; 0.05, h59km, 5km, n31, r1524/40, mb4.2/5, 3C-1/29, Near north coast of eastern Honshu

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

NAO 19 15:37:00.0, 0.1, 9.73; 14N; 6.12E, ML3.0

IDC 19 15:37:02.0, 0.1, 5.73; 18N; 6.57E, h0km, mb3.5/4, mb1.3/6/8, mb1mx3.3/55, mbtmp3.5/8, ML2.8/4, MS2.8/3, Ms1 2.8/3, ms1mx2.6/3/4, Error ellipse: s-maj=29.3km s-min=16.4km az=121.0

BER 19 15:37:03.2, 7.3; 25N; 6.51E, h10km, ML2.4, ML3.0(NAO), Confirmed Earthquake

ISC 19 15:37:03.0, 0.9, 7.315N; 0.06, 6.97E; 0.10, h10km, n41, r1568/40, mb3.5/4, Greenland Sea

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

IDC 19 15:46:23.0, 1.7, 2.44S; 139.14E, h0km, mb3.1/2, mb1.3/3/3, mb1mx3.2/22, mbtmp3.2/3, ML3.1/1, MS3.5/1, Ms1 3.5/1, ms1mx2.7/14, Error ellipse: s-maj=31.2km

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

JMA 19 15:52:11.4, 23.89N; 121.51E, h20km, 1km, M3.0

TAP 19 15:52:12.1, 23.95N; 121.46E, h25km, ML3.5, C

ISC 19 15:52:12.0, 9.9, 23.92N; 0.01, 121.50E; 0.02, h24km, 5km, n125, r093/202, 4C-2D, Taiwan

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

19d 17h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NSK, TCU, TWQ1, TWE, CHN5, CHKT, NSY, NSTT, LIOB, LIOB, ELDOTW, NWLT, WCHH, WGG, NMLH, NMLH, WDJ, WDLH, HSN1, HSN1, EDH, EDH, NTC, SBCB, HSN, HSN, CHN4, CHN4, TPUB, TPUB, CHN2, STYT, STYT, NHDH, RLNB, RLNB, WTK, WTK, TATO, WTP, WTP, TWA, TWA, LONT, CHY, CHY, NCUH, NCUH, NCU, NCU, NTY, TIPB, TIPB, TAP, TAP, TAP1, TWK, TWK, CHN1, SNST, TWG, TWG, TWB1, NWF, NWF, WFSB, WFSB, TWS1, TWS1, WLBG, WLBG, SGST, SGST.

2015 JAN

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WSF, WSF, SLGT, YMO1, YMO4, YMO10, NTST, YMO5, YMO5, YMO11, ICHU, YMO3, ANP, YMO8, SCST, SCST, ECL, SSD, TSMG, TSMG, TSMG, YOJ, YOJ, MASBT, MASBT, MASBT, EAST, SSPT, PHUB, PNG, IRIF, IRIF, HATJ, HATJ, WYUC, WYUC, PTTC, PTTC, JKRS, JKRS, PTMZ, PTMZ, JIJ, JIJ, MATB, MATB, JISG, JISG, KNM, KNM, KNMB, KNMB, JTJ, JTJ, LYJJ, LYJJ, AXDP, AXDP.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK, KURK, KURB, KURB, KURBB, KURBB, TLY, TLY, SONM, SONM, AAK, AAK, AAK, USRK, USRK, HFS, HFS, ASAR, ASAR, IDC 19 16:47:42.9, IDC 19 16:47:49.8, IDC 19 16:47:49.9, MEX 19 16:54:00.5, MEX 19 17:00:09.6, IDC 19 17:04:41.3, IDC 19 17:04:41.4, JMJC, JMJC, BRBA, BRBA, TRO, TRO, SPITS, SPITS, LOF, LOF, KBS, KBS, HOPEN, HOPEN, STEI, STEI, KIF, KIF, FAUS, FAUS, KTKI, KTKI, DAG, DAG, KONS, KONS, SALU, SALU, ARAO, ARAO, ARCES, ARCES, ARCES, ARCES, DBG, DBG, STOK, STOK, MOI, MOI, NOB, NOB, NOA, NOA, FINES, FINES, VRAC, VRAC, VRAC, VRAC, GERES, GERES, AKAS, AKAS.

IKP	In-Ko-Pah, Jac	115.38	51	P	PKPdf	17 38 30.1 +1.8
TCRU	Three Creeks R	115.38	43		PKIKP	17 38 27.4 -0.9
RMXU	La Rumorosa	115.42	51		PKPdf	17 38 29.4 +0.8
BC3	Shurtz Canyon	115.42	45	P	PKPdf	17 38 28.4 -0.1
IRM	Big Ck, Keweenaw	115.46	49	P	PKPdf	17 38 29.5 +1.0
SWSC	Iron Mountain	115.48	49	P	PKPdf	17 38 30.4 +1.9
LCMT	Sam W. Stewart	115.50	50	P	PKPdf	17 38 29.7 +1.3
MSU	Little Creek M	115.59	45		PKPdf	17 38 28.9 +0.2
ESJX	Marysville	115.61	43	PKIKP	PKPdf	17 38 28.9 +0.1
MTPU	Marysville	115.61	43		PKPdf	17 38 28.9 +0.1
TMUT	Siera Falls	115.64	43		PKPdf	17 38 30.6 +1.1
KNB	Trail Mountain	115.87	42		PKPdf	17 38 29.3 -0.1
KNB	Kanab	115.89	45	PKIKP	PKPdf	17 38 30.0 +0.7
UABX	Kanab	115.89	45		PKPdf	17 38 30.0 +0.7
W13A	UABC, Campus	115.90	50	IAMS_20	IAMS_20	18 34 01.8
TOAD	Hualapai Mount	116.00	47		PKPdf	17 38 29.8 +0.1
TORD	Torodi Ar. Sit	116.04	287		PKPdf	17 38 28.3 -1.6
TORD	Torodi Ar. Bea	116.04	287		PKPdf	17 38 28.9 -1.0
TORD	comp=2.16nm,0.75,baz=34,slow=1.9,SNR=52				PKKPbc	17 48 58.8 -1.4
TORD	comp=2.2,8nm,0.8s,baz=292,slow=4.6,SNR=6.5				PKPdf	17 38 28.3 -1.6
PKCU	Torodi Ar. Bea	116.04	287		PKPdf	17 38 27.6 -2.2
O16A	Pink Cliffs	116.04	42		PKPdf	17 38 30.1 +0.1
PDMIC	Castle Valley	116.09	42		PKPdf	17 38 30.4 +0.8
GLA	Parker Dowlak	116.17	48	P		
SRU	Glamis	116.19	50	P	PKIKP	17 38 31.7 +1.8
SRU	San Rafael Swe	116.42	42	PKIKP	PKIKP	17 38 31.3 +1.0
SPX	San Rafael Swe	116.42	42		PKIKP	17 38 31.2 +1.0
SPX	San Pedro Mart	116.53	52	PKPdf	PKIKP	17 38 31.5 +0.6
U15A	comp=2.337nm,20.0s	116.54	45	PKPdf	PKIKP	17 38 31.1 +0.4
K22A	Casper	117.00	37		PKPdf	17 38 30.8 -0.5
K22A	Casper	117.00	37		PKPdf	17 38 30.6 -0.7
RFX	San Felipe	117.01	52	PKPdf	PKPdf	17 38 31.2 -0.1
SWW	Navajo	117.14	38		PKPdf	17 38 31.9 +0.2
ULM	Lac du Bonnet	117.29	25	PKP	PKPdf	17 38 30.7 -0.7
ULM	comp=2.9,1nm,0.9s,baz=325,slow=2.8,SNR=14				PKKPbc	17 48 51.0 -5.8
ULM	comp=2.4,8nm,0.9s,baz=141,slow=4.0,SNR=6.3				PKKPbc	17 38 31.1 -0.3
ULM	Lac du Bonnet	117.29	25	PKP	PKKPbc	17 48 52.1 -4.7
O20A	White River Ci	117.37	40		PKIKP	17 38 33.3 +1.1
O20A	White River Ci	117.37	40		PKPdf	17 38 31.7 -0.4
MDND	Madcock	117.37	29	P	PKIKP	17 38 32.3 +0.7
MDND	Madcock	117.37	29	PKPdf	PKIKP	17 38 31.8 +1.1
RRSD	Black Hills	117.55	34	PKIKP	PKPdf	17 38 31.1 -1.3
RRSD	Black Hills	117.55	34		PKPdf	17 38 31.9 -0.5
RRSD	Black Hills	117.55	34	PKPdf	PKPdf	17 38 31.1 -1.3
WUAZ	Wupatki	117.63	46	P	PKIKP	17 38 34.4 +1.6
WUAZ	Wupatki	117.63	46		PKIKP	17 38 32.8 +0.1
PV23	Carpetner Ridg	117.81	42		PKIKP	17 38 32.8 -0.3
PV14	Lion Creek, Pa	117.81	42		PKPdf	17 38 33.0 -0.1
PV20	West Nyswonger	117.86	42	PKPdf	PKPdf	17 38 33.0 -0.1
PV19	Morning Glory	117.87	42		PKPdf	17 38 33.3 +0.2
PV04	Paradox Valley	117.88	42		PKPdf	17 38 32.8 +0.4
PV22	Blue Mesa, Par	117.88	42		PKPdf	17 38 32.7 +0.5
PV17	East Wray Mesa	117.88	42		PKPdf	17 38 33.0 -0.3
PV16	Nyswonger Mesa	117.91	42		PKPdf	17 38 33.6 +0.3
PV05	Paradox Valley	117.92	42		PKPdf	17 38 33.2 -0.1
PV11	David Mesa, Pa	117.95	42		PKIKP	17 38 33.7 +0.4
PV18	Skein Mesa, Pa	117.95	42	PKPdf	PKIKP	17 38 33.4 +0.4
PV12	Sandy Basin,	117.99	42		PKIKP	17 38 33.3 -0.4
PV03	Paradox Valley	117.99	42		PKPdf	17 38 33.5 +0.0
PV07	Paradox Valley	118.03	42	PKPdf	PKPdf	17 38 32.9 -0.6
PV13	Radium Mtn., P	118.06	42		PKPdf	17 38 33.5 -0.1
PV02	Paradox Valley	118.09	42		PKPdf	17 38 33.8 +0.1
X16A	Lo Mia Camp, N	118.10	47	PKPdf	PKIKP	17 38 34.4 +1.1
PV15	Paradox Valley	118.12	42		PKIKP	17 38 34.8 +1.1
214A	Organ Pipe Nat	118.20	50	P		
214A	Organ Pipe Nat	118.20	50	PKPdf	PKPdf	17 38 33.6 -0.1
PV01	Paradox Valley	118.24	42		PKPdf	17 38 33.7 -0.2
PHWY	Pilot Hill	118.27	37		PKPdf	17 38 34.2 +0.0
SMCO	Snowmass	118.71	40		PKIKP	17 38 35.3 +0.2
AGMN	Agassiz Nation	118.77	26	P	PKPdf	17 38 34.1 -0.2
AGMN	Agassiz Nation	118.77	26		PKPdf	17 38 33.9 -0.4
VMCO	Mesa Verde	118.78	43	P	PKIKP	17 38 35.5 +0.5
MVCO	Mesa Verde	118.78	43	PKPdf	PKPdf	17 38 34.8 -0.2
W18A	Petrified Fore	118.99	45	PKIKP	PKIKP	17 38 36.7 +1.3
W18A	Petrified Fore	118.99	45		PKIKP	17 38 35.9 +0.5
X18A	Snowflake	119.13	46		PKIKP	17 38 35.9 +0.2
ISCO	Idaho Springs	119.22	39	PKIKP	PKIKP	17 38 36.0 +0.1
ISCO	Idaho Springs	119.22	39		PKIKP	17 38 36.1 +0.1
ISCO	Idaho Springs	119.22	39	PKPdf	PKIKP	17 38 36.0 +0.1
TUC	Idaho Springs	119.58	49	PKIKP	PKIKP	17 38 37.1 +0.6
TUC	Tucson	119.58	49	P	PKIKP	17 38 37.4 +0.9
TUC	Tucson	119.58	49	PKPdf	PKIKP	17 38 37.1 +0.6
S22A	4UR Ranch, Cre	119.61	41	P	PKIKP	17 38 37.2 +0.5
S22A	4UR Ranch, Cre	119.61	41	PKPdf	PKIKP	17 38 37.1 +0.5
Q24A	Divide	120.00	39	P	PKIKP	17 38 37.7 +0.2
Q24A	Divide	120.00	39		PKIKP	17 38 37.4 +0.0
F33A	5 Mile Ranch,	120.39	28	PKPdf	PKIKP	17 38 37.1 +0.1
SDCO	Great Sand Dun	120.48	41	P	PKIKP	17 38 38.5 +0.1
SDCO	Great Sand Dun	120.48	41	PKPdf	PKIKP	17 38 37.9 -0.3
OGNE	Ogallala	120.70	36	P	PKIKP	17 38 37.7 -0.7
OGNE	Ogallala	120.70	36		PKPdf	17 38 37.9 -0.5
YGMN	Ely	120.89	24	P	PKIKP	17 38 38.5 +0.0
HSIG	Kowa	120.93	52		PKIKP	17 38 39.2 +0.1
KOWA	Kowa	121.13	290	PKPdf	PKPdf	17 38 38.6 -1.1
319A	Douglas	121.14	49	PKPdf	PKIKP	17 38 39.7 +0.1
ANMO	Albuquerque	121.38	44	PKKPbc	PKKPbc	17 48 40.2 -1.4
ANMO	Albuquerque	121.38	44		PKIKP	17 38 40.3 +0.2
ANMO	Albuquerque	121.38	44	PKIKP	PKIKP	17 38 40.6 +0.5
ANMO	Albuquerque	121.38	44	PKPdf	PKIKP	17 38 40.3 +0.2
ANMO	Albuquerque	121.38	44	PKKPbc	PKKPbc	17 48 37.7 -3.9
ANMO	O'Neill	121.43	43	PKPdf	PKIKP	17 38 39.2 -0.5
LENM	Lenitor	121.43	45		PKIKP	17 38 40.7 +0.0
T25A	Trinidad	121.53	41	P	PKIKP	17 38 40.7 +0.3
T25A	Trinidad	121.53	41	PKPdf	PKIKP	17 38 39.5 -0.8
KSCO	Kaye Shedlock	121.55	38	P	PKIKP	17 38 39.9 -0.2
KSCO	Kaye Shedlock	121.55	38	PKPdf	PKIKP	17 38 39.8 -0.2
F36A	Miyaca	121.66	27	PKPdf	PKIKP	17 38 40.0 -0.1
BNI	Barren Site	121.69	45	PKPdf	PKIKP	17 38 40.5 -0.2
121A	Cookes Peak, D	121.69	47	PKIKP	PKIKP	17 38 41.5 +0.7
ECSD	Cookes Peak, D	121.69	47	PKPdf	PKIKP	17 38 40.6 +0.0
ECSD	EROS Data Cent	121.77	30		PKIKP	17 38 40.1 -0.2
ECSD	EROS Data Cent	121.77	30	PKPdf	PKIKP	17 38 39.7 -0.5
E38A	The Farm, Brul	121.94	25	PKPdf	PKIKP	17 38 40.1 -0.3
SPMN	Marine on St.	122.47	27	P	PKIKP	17 38 41.7 +0.0
SPMN	Marine on St.	122.47	27		PKIKP	17 38 41.9 +0.0
BGNE	Belgrade	122.59	33	P	PKIKP	17 38 41.0 -0.9
BGNE	Belgrade	122.59	33	PKPdf	PKIKP	17 38 42.0 -0.0
D41A	Chassel	122.77	23	PKPdf	PKIKP	17 38 43.0 -0.1
I37A	Lemond, Wasca	123.12	28	PKPdf	PKIKP	17 38 43.2 -0.1
L34A	Ovendens Farm,	123.12	27		PKIKP	17 38 43.9 +0.1
CBKS	Cedar Bluff	123.42	37	PKIKP	PKIKP	17 38 43.4 -0.1
CBKS	Cedar Bluff	123.42	37		PKIKP	17 38 43.9 +0.1
CBKS	Cedar Bluff	123.42	37	PKPdf	PKIKP	17 38 43.3 -0.3
KIC	Kosan Boka	123.54	281	ePKIKP	PKIKP	17 38 44.3 -0.1

G40A	Rib Lake	123.57	25		PKPdf	17 38 43.0 -0.6
DBIC	Dimbokro	123.60	281	PKP	PKPdf	17 38 43.7 -0.8
MATO	comp=Z,30nm,1.0s,baz=85,slow=2.4,SNR=21				PKPdf	17 38 43.4 -0.4
LIC	Toumoudi	123.77	281	ePKIKP	PKIKP	17 38 44.7 -0.2
TLC	Lamto	123.85	281	ePKIKP	PKIKP	17 38 44.8 -0.2
MNTX	comp=Z,125nm,1.2s	123.86	47	P	PKIKP	17 38 44.9 0.0
MNTX	Corundas Mount	123.86	47	PKPdf	PKIKP	17 38 44.2 -0.4
E43A	Lone Tree Farm	123.94	22	PKPdf	PKIKP	17 38 45.0 +0.4
N32A	Long Quarter,	124.28	36	PKPdf	PKIKP	17 38 44.8 -0.4
MIAR	Guadalupe Moun	124.33	46		PKIKP	17 38 45.7 0.0
MSTX	Muleshoe	124.45	43	P	PKIKP	17 38 46.6 +0.5
MSTX	Muleshoe	124.45	43	PKPdf	PKIKP	17 38 45.8 0.0
K3BA	Parkersburg	124.46	43	PKIKP	PKIKP	17 38 44.6 -0.8
H0A	Norwalk	124.49	26		PKIKP	17 38 45.1 -0.3
LSOQ	Lebel-sur-Quev	124.58	13	P	PKIKP	17 38 45.7 0.0
AMTX	Amarillo	124.65	41	P	PKIKP	17 38 46.6 +0.1
AMTX	Amarillo	124.65	41	PKPdf	PKIKP	17 38 46.4 -0.1
SCIA	State Center	124.80	30	P	PKIKP	17 38 46.8 +0.4
SCIA	State Center	124.80	30		PKIKP	17 38 45.0 -1.1
E46A	State Center	124.91	20	PKPdf	PKIKP	17 38 45.4 -0.7
KSU1	Kansas State U	125.03	34		PKIKP	17 38 46.3 -0.3
KSU1	Kansas State U	125.03	34	PKPdf	PKIKP	17 38 46.0 -0.6
H42A	Drager Farm,	125.23	25	PKPdf	PKIKP	17 38 46.7 -0.1
WLD0	Yatou Ranch,	125.35	14	PKPdf	PKIKP	17 38 47.6 -0.1
JFWS	Jewell Farm	125.43	27	PKIKP	PKIKP	17 38 46.3 -1.0
JFWS	Jewell Farm	125.43	27		PKIKP	17 38 46.7 -0.6
JFWS	Jewell Farm	125.43	27	PKPdf	PKIKP	17 38 46.3 -1.0
US2A	Anthony SW Sta	125.50	37		PKIKP	17 38 47.7 -0.1
KAN10	Anthony SW Sta	125.50	37		PKIKP	17 38 48.2 +0.3
KAN08	Anthony NE Sta	125.51	37		PKIKP	17 38 48.7 +0.7
N38A	Joess South For	125.62	31		PKIKP	17 38 47.8 +0.1
L40A	Anamosa	125.64	28		PKIKP	17 38 47.0 -0.7
KAN07	Argus South	125.65	37		PKIKP	17 38 47.6 -0.1
KAN11	South Haven SW	125.67	37		PKIKP	17 38 48.4 0.0
CROK	Carrier	125.98	38	PKPdf	PKIKP	17 38 49.1 +0.2
HPIG	Johnson	126.02	52	PKPdf	PKIKP	17 38 48.8 -0.3
P38A	Dawn	126.33	32	PKPdf	PKIKP	17 38 48.0 -1.0
TX31	Lajitas Ar. Si	126.38	46	PKIKP	PKIKP	17 38 49.5 -0.1
TX32	Lajitas Array	126.48	46	PKIKP	PKIKP	17 38 48.2 -1.4
TXAR	Lajitas Array	126.56	46	PKP	PKIKP	17 38 48.2 -1.4
TXAR	comp=Z,16nm,1.0s,baz=259,slow=1.3,SNR=52				PKKPab	17 48 20.0 -0.9
L2A2	Oliver, Polo	126.41	27	PKPdf	PKIKP	17 38 48.9 -0.2
K43A	Burlington	126.44	26		PKIKP	17 38 49.8 +0.2
T35A	Sooner Cattle	126.58	36	PKPdf	PKIKP	17 38 49.6 -0.1
WMOK	Wichita Mounta	126.62	40	PKIKP	PKIKP	17 38 48.2 -1.6
WMOK	Wichita Mounta	126.62	40		PKIKP	17 38 49.6 -0.2
WMOK	Wichita Mounta	126.62	40	PKPdf	PKIKP	17 38 48.2 -1.6
BCOK	Bluff Creek, N</					

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like TLIG, 152A, WOGA, G5TA, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like SAML, SAMU, SAML, PTGA, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like L56A, O61A, O56A, O56A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai, etc.

IDC 19 18:54:02.2.7.1.55151.33W, h0km, mb3.6/1, mb1.3.8/1, mb1mx3.5/27, mbmp3.6/1, MS3.3/1, ms1mx2.9/14, Error ellipse: s-maj=615.5km s-min=67.3km az=163.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include URZ Urewera, H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

ANF 19 18:56:05.3.1.4.31.46N;114.36W, h0km, ML4.0/14, Error ellipse: s-maj=19.4km s-min=5.2km az=5.0

NEIC 19 18:56:07.1.3.01.31.29N;114.34W, 0.03, h10km, 2km, Error ellipse: s-maj=9.3km s-min=3.2km az=169.0

ECX 19 18:56:08.6.0.7.31.47N;114.44W, h19km, 5km, MD3.8, ML4.0

PAS 19 18:56:08.6.3.6.31.39N;107.04:114.37W, 0.03, h21km, 2km, Error ellipse: s-maj=7.3km s-min=3.7km az=170.0

MEX 19 18:56:09.4.0.7.31.14N;114.28W, h10km, MD4.2

IDC 19 18:56:09.2.1.9.31.55N;114.24W, h0km, mb3.3/3, mb1.3.5/8, mb1mx3.4/36, mbmp3.2/8, ML3.4/5, MS3.1/5, Ms1.3.1/5, ms1mx2.9/23, Error ellipse: s-maj=35.1km s-min=10.6km az=30.0

ISC 19 18:56:07.8.1.1.31.133N;114.37W, 0.02, h13km, gkm, h130, 1563/140, mb3.1/3, 4C-11D, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include SFX San Felipe, SPX San Felipe, SPX San Felipe, etc.

SPX comp=N, 7um, 0.4s

SPX comp=E, 4um, 0.6s

SPX comp=N, 3um, 0.5s

YMD Yuma Desert, MBIG Mexicali, MBIG Mexicali, etc.

CPBX Cerro Prieto, CPBX Cerro Prieto, etc.

CPBX comp=E, 8um, 0.5s

CPBX comp=N, 8um, 0.8s

SJX San Joaquin

SJX comp=E, 1um, 0.8s

SJX comp=N, 79nm, 0.6s

SJX Organ Pipe Nat

214A comp=N, 250, SNR=880

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

214A Organ Pipe Nat

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include BC3 Big Chuckawall, TJX Tijuana, 109C Camp Elliot, etc.

ECX 19 19:12:30.5.0.8.31.47N;114.44W, h20km, 15km, MD2.6, ML2.0

MEX 19 19:12:36.6.0.4.31.21N;114.77W, h0km, 17km, MD3.8

ISC 19 19:12:27.7.1.6.31.5N;114.45W, 0.06, h3km, 15km, n8, o65/15, 1C-3D, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include W13A Hualapai Mount, X16A Lo Mia Camp, M1WC Mount Wilson, etc.

ANMO comp=N, 0.1nm, 0.3s, baz=248, slow=9.8, SNR=0.9

ANMO comp=N, 0.3nm, 0.3s, baz=276, slow=1.6, SNR=0.9

ANMO comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

ELK comp=N, 0.1nm, 0.3s, baz=171, slow=9.3, SNR=4.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include IDC 19 19:30:35.0.14.0.39, KBZ Khabaz, KURBK Kurchatov Arr, etc.

IDC 19 19:32:45.8.1.6.5616N;113.97E, h0km, mb3.3/3, mb1.3.5/5, mb1mx3.2/37, mbmp3.4/5, ML3.1/2, Error ellipse: s-maj=42.2km s-min=23.7km az=151.0

MOS 19 19:32:45.9.1.1.5612N;113.79E, h7km, mb3.6/1, Error ellipse: s-maj=14.5km s-min=8.5km az=69.8

BYKL 19 19:32:47.3.0.2.5615N;113.78E, h3km, 2km

ISC 19 19:32:47.5.0.6.5616N;113.81E, 0.02, h10km, n42, o232/82, mb3.4/3, 8C-5D, East of Lake Baykal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include SVKR Severomuysk, SVKR Severomuysk, SVKR Severomuysk, etc.

YOYA comp=E, 2um, 1.1s

YOYA comp=E, 2um, 1.1s

YOYA comp=E, 317nm, 0.4s

YOYA comp=E, 2um, 0.3s

YOYA comp=E, 2um, 0.3s

YOYA comp=E, 308nm, 0.3s

YOYA comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

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KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

KMO comp=N, 2um, 0.3s

19d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUP, MXMB Maximikha, CIT Chita, OGRR Ongureny, YAO Uoyan, etc.

MOS 19:33:44.4, 1.2, 56.13N, 113.84E, h7km, mb3.8/1, Error ellipse: s-maj=16.2km s-min=12.1km az=73.6

BYKL 19:33:45.6, 0.2, 56.15N, 113.76E, h3km, 3km, Error ellipse: s-maj=43.8km s-min=26.8km az=156.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVKR Severomuyk, YAO Uoyan, NLYR Nelyaty, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YAO Uoyan, KMO Kumora, BOD Bodaibo, etc.

MEX 19:20:08:12.8, 0.4, 18.73N, 103.31W, h10km, 41km, MD3.8, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMIG Aquila, ZIH Zihuatanejo, ARIG Puente Sto Nin, etc.

900

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIJI Sorong, DAV Davao City, WRA Warramunga Arr, etc.

NAO 19:20:30:23.5, 1.8, 73.18N, 6.09E, ML2.8, IDC 19:20:30:25.2, 1.5, 73.23N, 6.98E, h0km, mb3.6/2, mb1.3/7.7, etc.

BER 19:20:30:28.0, 2.9, 73.29N, 6.57E, h10km, ML2.0, ML2.9(NAO), Confirmed Earthquake

DNK 19:20:30:29.4, 2.2, 73.65N, 5.47E, h0km, 62km, ML2.5, ISC 19:20:30:24.1, 0.8, 73.35N, 0.07, 6.41E, h10km, n47, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMW Jan Mayen West, BRBA Barentsburg A, JMJC Jan Mayen, etc.

YUK	Yuzh-Kuril'sk	8.81	37c	iP	Pn	22 36 50.2	-2.5
YUK				iS	Sn	22 38 21.3	-1.0
YUK				pmax	pmax		
YUK	comp=N,762nm,0.2s						
YUK	comp=Z,3um,0.2s						
YUK	comp=E,561nm,0.3s						
YUK							
TJN	Taejon	8.96	268f	eP	Pn	22 36 56.5	+1.6
MDJ	Mudanjiang	9.98	320	P	Pn	22 37 09.6	+1.5
MDJ							
MDJ	comp=Z,790nm,2.9s						
YSS	Yuzh-Sakhalins	10.22	17f	eP	Pn	22 37 09.2	+1.1
YSS	Chichijima	10.57	162	Pn	Pn	22 37 08.7	-2.4
YSS				eS	Sn	22 38 58.7	-6.1
YSS				pmax	pmax		
YSS	comp=Z,100nm,0.6s						
YSS	comp=Z,200nm,2.7s						
YSS				smax	smax		
YSS	comp=E,300nm,2.7s						
YSS	Yuzh-Sakhalins	10.22	17	Pn	Pn	22 37 08.6	-2.6
JCJ	Chichijima	10.57	162	Pn	Pn	22 37 10.2	-5.8
JCJ				S	Sn	22 38 57.9	-1.6
JCJ	comp=E,46nm,0.3s,baz=127,slow=23,SNR=3.5						
KUR	Chichijima	10.57	162	Pn	Pn	22 37 10.4	-5.6
KUR	Kuril'sk	10.66	38c	iP	Pn	22 37 15.1	-1.8
KUR				eS	Sn	22 39 09.8	-5.6
KUR				pmax	pmax		
KUR	comp=Z,1um,3.8s						
KUR	comp=Z,394nm,0.6s						
KUR	comp=N,176nm,0.3s						
KUR	comp=E,179nm,0.3s						
KUR	comp=N,301nm,0.4s						
KUR	comp=E,168nm,0.4s						
KUR	comp=E,1um,2.9s						
KUR	comp=N,983nm,2.2s						
CN2	Changchun	11.89	308f	iP	Pn	22 37 32.8	0.0
CN2				sP	Sn	22 38 17.4	+3.9
CN2				pmax	pmax		
UGL	Uglegorsk	12.13	11	eP	Pn	22 37 41.4	+0.7
UGL				S	Sn	22 39 48.5	-1.9
UGL				pmax	pmax		
UGL	comp=N,50nm,1.2s						
SNY	Shenyang	12.39	296	iP	Pn	22 37 39.9	+0.8
SNY				sP	Sn	22 38 24.9	+4.1
SNY				pmax	pmax		
SNY	comp=Z,100nm,1.2s						
SNY	comp=Z,220nm,4.2s						
SNY	comp=Z,150nm,4.3s						
SNY							
KLK	Kul'dur	12.96	340	P	Pn	22 37 46.0	-0.2
KLK				ScP	Sn	22 46 20.7	+0.9
KLK	comp=Z,8.1nm,0.3s,baz=146,slow=10,SNR=73						
KLK	comp=Z,0.1nm,0.3s,baz=94,slow=3.2,SNR=4.0						
KLK				eP	Pn	22 37 45.6	-0.6
DL2	Dalian	13.39	282	P	Pn	22 37 52.9	+1.1
DL2				sP	Sn	22 38 37.8	+4.3
DL2				pmax	pmax	22 40 22.3	+1.4
DL2	comp=Z,190nm,0.7s						
JOW	Kumigami	13.50	223	P	Pn	22 37 51.5	-1.8
JOW				S	Sn	22 37 58.0	+0.7
GRNR	Gornyy	13.62	354f	iP	P	22 40 28.7	-0.1
GRNR				pmax	pmax		
GRNR	comp=N,150nm,0.8s						
GRNR	comp=Z,250nm,0.6s						
GRNR	comp=N,3.0nm,0.9s						
GRNR	comp=E,280nm,15.0s						
GRNR	comp=N,110nm,12.0s						
GRNR	comp=Z,110nm,15.0s						
TYV	Tymovskoe	13.95	11	eP	Pn	22 38 00.2	-0.8
TYV				eS	Sn	22 40 32.5	-1.5
TYV				pmax	pmax		
TYV	comp=Z,170nm,0.7s						
TYV	comp=N,15nm,1.2s						
NJ2	Nanjing	16.96	258	eP	P	22 38 34.3	-0.1
NJ2				pmax	pmax		
TIA	Tai'an	17.16	273	P	P	22 38 35.8	-0.8
TIA				pmax	pmax		
BJI	Beijing	17.65	286	P	P	22 38 41.0	-0.9
BJI				pmax	pmax		
BJT	Baijiatou	17.66	286	P	P	22 38 40.9	-1.1
BJT				pmax	pmax		
BJT	comp=N,90nm,1.0s						
BJT	comp=Z,65nm,0.7s						
HIA	Hailar	18.14	317	P	P	22 38 45.5	-1.7
HIA				pmax	pmax	22 38 46.6	
HIA	comp=Z,37nm,1.0s						
HIA	comp=Z,37nm,1.0s						
ZEA	Zeya	18.26	338	eP	P	22 38 46.8	-1.5
ZEA				pmax	pmax		
ZEA	comp=N,50nm,1.0s						
ZEA	comp=E,30nm,0.9s						
ZEA				pmax	pmax		
SKR	Severo-Kuril's	18.43	38	eP	P	22 38 45.2	-5.0
SKR				pmax	pmax		
SKR	comp=Z,300nm,5.9s						
SKR	comp=Z,600nm,4.3s						
SKR	comp=Z,63nm,0.6s						
SKR				MLR	MLR		
NACB	Ninganchiao	19.46	233	P	P	22 38 59.4	-2.2
NACB				IAMB	IAMB	22 39 06.3	
TIY	Taiyuan	20.67	279	eP	P	22 39 12.3	-2.3
TIY				pmax	pmax		
PEAOB	Petrovlovsk	20.77	34	P	P	22 39 15.5	+0.2
PEAOB				pmax	pmax		
PEAOB	comp=Z,41nm,1.0s						
PEAOB	comp=Z,41nm,1.0s						
PETK	Petrovlovsk	20.77	34	P	P	22 39 15.8	+0.4
PETK				ScP	ScP	22 46 35.9	+0.3
PETK	comp=Z,18nm,0.6s,baz=216,slow=10,SNR=16						
PETK	comp=Z,3.3nm,0.9s,baz=322,slow=14,SNR=2.3						
PETK				P	P	22 39 14.9	-0.4
PETK				P	P	22 39 14.9	-0.4
WHN	Wuhan	21.09	259	iP	P	22 39 17.6	-1.4
WHN				pmax	pmax		
PET	Petrovlovsk	21.14	35f	eP	P	22 39 19.0	-0.3
PET				pmax	pmax		
PET	comp=Z,331nm,1.7s						
PET	Petrovlovsk	21.14	35	P	P	22 39 18.7	-0.6
PET				IAMB	IAMB	22 39 20.1	
HHC	Hu-ho-hao-te	21.19	288	eP	P	22 39 17.1	-3.0
HHC				pmax	pmax		

HHC	comp=Z,14nm,1.9s			pmax	pmax		
BTO	Baotou	22.36	287	eP	P	22 39 29.8	-2.1
CIT	Chita	22.95	318	eP	P	22 39 34.4	-2.6
CIT				e	P	22 40 07.7	
CIT				pmax	pmax	22 40 26.6	
MA2	Magadan	23.73	16	P	P	22 39 44.6	+0.8
MA2				ScP	ScP	22 39 44.9	+1.0
MA2	Magadan	23.73	16f	eP	P	22 39 44.9	+1.0
MA2				pmax	pmax		
MA2	Magadan	23.73	16	P	P	22 39 44.4	+0.5
MA2				IAMB	IAMB	22 39 46.1	
XAN	Xi'an	24.20	271	P	P	22 39 46.4	-2.1
XAN				pP	pP	22 40 19.4	-4.5
XAN				pmax	pmax		
XAN	comp=Z,26nm,0.6s						
XAN				pmax	pmax		
ENH	Enshi	25.03	262	P	P	22 39 54.2	-1.9
ULN	Ulaanbaatar	25.32	305d	iP	P	22 39 57.7	-1.0
ULN				pmax	pmax		
ULN	comp=Z,83nm,1.3s						
ULN	Ulaanbaatar	25.32	305	P	P	22 39 57.5	-1.2
YAK	Yakutsk	25.43	350	P	P	22 39 58.7	-0.6
YAK				eS	S	22 39 58.7	-0.6
YAK	comp=Z,47nm,0.5s,baz=310,slow=1.0,SNR=37						
YAK	Yakutsk	25.43	350d	iP	P	22 39 58.7	-0.6
YAK				eS	S	22 44 10.7	-1.2
YAK				pmax	pmax	22 50 33.0	
YAK	comp=Z,134nm,1.1s						
YAK	comp=N,49nm,1.2s						
YAK	comp=E,22nm,1.4s						
YAK	comp=Z,375nm,5.9s						
YAK	comp=N,239nm,5.4s						
YAK	comp=E,156nm,5.0s						
YAK	comp=N,394nm,2.8s						
YAK	comp=E,483nm,3.4s						
YAK	Yakutsk	25.43	350	P	P	22 39 58.5	-0.9
SOMI	Songino Array	25.74	304	P	P	22 40 01.5	-1.0
SOMI				ScP	ScP	22 43 27.8	+0.6
SOMI	comp=E,2.4nm,0.7s,baz=141,slow=2.9,SNR=3.7						
SOMI	comp=E,2.7nm,0.9s,baz=126,slow=3.3,SNR=10						
SOMI	Songino Array	25.74	304	P	P	22 40 01.3	-1.2
SOMI				pmax	pmax	22 43 27.6	
SOMI	comp=Z,44nm,1.2s						
SOMI	Songino Array	25.74	304	P	P	22 40 01.3	-1.2
SOMI				PcP	PcP	22 43 27.6	+0.3
BOD	Bodaibo	26.15	330	eP	P	22 40 05.5	-0.3
BOD				pmax	pmax		
SEY	Seymchan	27.11	14	P	P	22 40 14.9	+0.6
SEY				ScP	ScP	22 40 15.0	+0.7
SEY	comp=Z,4.2nm,0.6s,baz=213,slow=1.1,SNR=15						
LZH	Lanzhou	27.73	278	iP	P	22 40 19.1	-1.3
LZH				sP	sP	22 41 18.1	-1.4
LZH				SS	SS	22 46 26.1	-2.8
LZH				pmax	pmax		
LZH	comp=Z,29nm,1.0s						
ZAK	Zakamensk	28.32	309	eP	P	22 40 23.3	-2.1
ZAK				pmax	pmax		
ZAK	comp=Z,13nm,0.8s						
ZAK	Talaya	28.45	312	P	P	22 40 25.8	-0.5
ZAK				ScP	ScP	22 40 25.2	-1.2
ZAK	comp=Z,12nm,0.6s,baz=119,slow=3.9,SNR=21						
TLY	Talaya	28.45	312	eP	P	22 40 25.2	-1.2
TLY				pmax	pmax		
TLY	comp=Z,41nm,0.8s						
TLY				MLR	MLR		
TLY	comp=Z,153nm,6.0s						
TLY	Talaya	28.45	312	P	P	22 40 25.3	-1.1
TLY				IAMB	IAMB	22 40 28.1	
GYA	Guiyang	28.96	257	iP	P	22 40 30.0	-1.4
GYA				S	S	22 45 04.4	-4.2
GYA	comp=Z,18nm,0.8s						
GYA	comp=Z,21nm,0.9s						
GYA				pmax	pmax		
CD2	Chengdu	29.34	268	eP	P	22 40 34.0	-0.5
CD2				pmax	pmax		
CD2	comp=Z,10.0nm,0.5s						
MOY	Mody	30.04	311	eP	P	22 40 39.1	-1.4
GTA	Gaotai	30.27	286	iP	P	22 40 41.4	-1.3
GTA				sP	sP	22 41 42.1	0.0
GTA				ScP	ScP	22 41 39.1	+0.5
GTA				pmax	pmax	22 47 02.8	-0.5
GTA	comp=Z,17nm,0.7s						
GTA	comp=Z,140nm,4.7s						
GTA	comp=Z,130nm,14.5s						
GTA	comp=Z,170nm,14.2s						
GTA	comp=Z,110nm,14.5s						
KMI	Kunming	32.69	259f	iP			

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like NEHR, ICOR, CRVS, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KASTN, GRA1, GRF, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like LBTB, BOSA, BOSB, etc.

PRU 19:22:45.55-0.0, 49:32N:18:50E, h0km, Czech and Slovak Republics. Includes a table with Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

19:22:59:43.7±4.5, 38°24'N:26°02'E, h0km, mb3.6/2, mb1 3.5/4, mb1mx3/3/36, mbtrmp3.5/4, ML3.5/2, MS2.5/1, Ms1 2.5/1, ms1mx2/3/37, Error ellipse: s-maj=64.2km s-min=30.2km az=20.0

19:22:59:51.5, 39°40'N:26°33'E, h13km, ML4.1/52, ATH 19:22:59:52.3, 39°44'N:26°47'E, h17km, 4km, ML3.8/8, Error ellipse: s-maj=5.7km s-min=1.3km az=184.0

19:22:59:52.7±2.0, 39°40'N:26°33'E, h0km, MW3.9km, Error ellipse: s-maj=8.3km s-min=7.1km az=52.0

19:22:59:53.1, 39°41'N:26°38'E, h9km, MW3.9, THE 19:22:59:53.6, 39°46'N:26°35'E, h12km, ML3.6/11, Error ellipse: s-maj=1.6km s-min=0.6km az=120.0

19:22:59:55.7, 39°33'N:26°27'E, h5km, MD3.5, SOF 19:22:59:52.9±0.8, 39°42'N:02°26'36E±0.02, h15km, 6km, n214, 0876/251, 13C-10D, Turkey

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

Main data table with columns for Code, Station Name, Az, El, P, S, and various numerical values. Includes a detailed list of stations and their coordinates.

PRU 19 23:53:06.0, 0.45, 89N, 27.16E, h36km, M4.1
SIGU 19 23:53:06.5, 45, 89N, 27.16E, h51km, mb3.7
IDC 19 23:53:06.1, 0.8, 45, 89N, 27.15E, h35km, 9km, mb3.6/12,
mb1.3, 7.2/1, mb1.0x3.2/5.4, mb1.0x3.2/1.2, ML3.4/8, Error
ellipse: s-maj=9.4km s-min=7.7km az=149.0

NEIC 19 23:53:07.5, 1.9, 45, 86N, 0.03, 27.16E, 0.04, h41km, 4km,
Error ellipse: s-maj=4.6km s-min=3.7km az=151.0
SOF 19 23:53:07.3, 45, 87N, 27.11E, h50km, MD4.3
BUC 19 23:53:07.9, 0.1, 45, 88N, 27.15E, h40km, 2km, mb3.8/8,
Error ellipse: s-maj=1.4km s-min=1.1km az=140.0
ISC 19 23:53:07.0, 0.4, 45, 88N, 0.02, 27.15E, 0.02, h35km, n392,
e132/487, mb3.9, 17, 96C-121D, Romania

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Lists station codes and their corresponding data.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BJO1, BRBA, JNE, etc.

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

20d 3h

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like PAU, MTRV, RUS, RUS, GRL, AKK.

KRSC 20 02:43:09.0, 2.6, 48.29N x 156.57E, h17km, 46km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PAU, MTRV, RUS, RUS, GRL, AKK.

THE 20 02:45:53.6, 36.50N, 20.29E, h29km, 24km, ML3.0/5, Error ellipse: s-maj=28.7km s-min=2.6km az=229.0

ATH 20 02:45:53.6, 36.68N, 20.49E, h10km, 31km, ML2.8/5, Error ellipse: s-maj=31.6km s-min=1.2km az=0

ISC 20 02:45:54.5, 3.3, 36.93N, 20.76E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/40, mbtmp3.6/5, ML3.4/2, Error ellipse: s-maj=69.0km s-min=29.3km az=174.0

ISC 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

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

ITM 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

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

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

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VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

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VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

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VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

VLS 20 02:45:54.2, 1.8, 36.71N, 20.06, 20.45E, 0.05, h16km, 10km, n53, z200/67, mb3.6/3, Central Mediterranean Sea

2015 JAN

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

CAEL Denizli, Camel 1.68 353 / P Pb 02 47 21.1 +7.3

TURUNC Turunc 1.71 321 / P Nn 02 47 13.1 +1.4

TURUNC Turunc 1.71 321 / P Nn 02 47 13.1 +1.6

TURUNC Turunc 1.71 321 / P Nn 02 47 27.8 -5.0

GOLH Golhisar 1.78 359 / P Pb 02 47 14.4 +1.6

YERKESIK Yerkeskik 1.98 328 / P Nn 02 47 16.0 +1.0

KARP Karpathos 1.99 273 / P Nn 02 47 15.9 +0.3

KARP Karpathos 1.99 273 / P Nn 02 47 15.9 +0.1

BUCA Burdur, Bucak- 2.03 22 / eP Pb 02 47 20.3 +0.6

BUCA Burdur, Bucak- 2.03 22 / eP Pb 02 47 20.3 +0.6

MUGLA Mugla, Merkez- 2.07 331 / eP Pb 02 47 22.7 +2.3

MUGLA Mugla 2.07 331 / eP Pb 02 47 21.8 +1.8

MUGLA Mugla 2.07 331 / eP Pb 02 47 25.0

TAVA DENIZLI, Tavas 2.08 345 / P Pb 02 47 20.3 -0.3

TAVA Tava 2.08 345 / P Pb 02 47 40.6 -1.6

KEPEZ Antalya-Kepez 2.18 48 / P Nn 02 47 19.0 +0.8

KEPEZ Antalya-Kepez 2.18 48 / P Nn 02 47 19.0 +0.8

KEPEZ Antalya-Kepez 2.18 48 / P Nn 02 47 19.0 +0.8

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KEPEZ Antalya-Kepez 2.18 48 / P Nn 02 47 19.0 +0.8

KEPEZ Antalya-Kepez 2.18 48 / P Nn 02 47 19.0 +0.8

KEPEZ Antalya-Kepez 2.18 48 / P Nn 02 47 19.0 +0.8

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

ASAR comp=2.0, 9nm, 0.5s, baz=62, slow=9.2, SNR=20 02 56 03.0 +1.0

PETK Petropavlovsk- 59.82 2 P Pb 03 00 20.3 +0.8

PETK Petropavlovsk- 59.82 2 P Pb 03 00 19.2 -0.3

PETK Petropavlovsk- 59.82 2 P Pb 03 00 28.5 +0.3

CMAR Chiang Mai Arr 61.14 295 P P 03 00 29.6 -0.8

SOMM Chiang Mai Arr 61.14 295 P P 03 01 22.4 -0.5

SOMM Chiang Mai Arr 61.14 295 P P 03 01 22.3 -0.7

TAPN Tongjeung 73.73 301 eP P 03 01 49.3 +0.2

ODAN Odare 73.86 300 eP P 03 01 49.6 -0.2

GUN Gumba 75.44 301 eP P 03 01 58.9 -0.2

PKI Pulchoi 75.75 301 eP P 03 02 00.4 -0.5

PKIN Pulchoi 75.77 301 eP P 03 02 00.4 -0.5

DMN Damai 76.02 301 eP P 03 02 02.2 -0.1

GKN Gorkha 76.53 301 eP P 03 02 04.6 -0.5

KOLN Koldanda 77.35 300 eP P 03 02 09.1 -0.7

DANN Dangsing 77.36 301 eP P 03 02 08.8 -1.1

IMAR Indian Mountain 81.51 19 P P 03 02 32.1 +0.8

ILAR Eielson Array 83.12 21 P P 03 02 40.0 +0.2

ILAR Eielson Array 83.12 21 P P 03 02 40.5 +0.6

MK31 Makanchi Array 83.63 319 P P 03 02 42.2 -0.6

MK31 Makanchi Array 83.63 319 P P 03 02 59.3

MKAR Makanchi Array 83.63 319 P P 03 02 41.8 -1.0

MKAR Makanchi Array 83.63 319 P P 03 02 42.4 -0.5

NVAR Mina Array Bea 91.33 52 P P 03 03 22.7 +2.2

NVAR Mina Array Bea 91.33 52 P P 03 03 20.1 -0.4

YKA Yellowknife Arr 96.06 28 P P 03 03 42.5 +1.1

YKA Yellowknife Arr 96.06 28 P P 03 03 51.9 -0.5

GEYT Alibek 99.97 307 LR LR 03 49 38.0

GERES Gereses Array B 127.20 329 PKP PKIPK 03 09 19.1 -0.2

GERES Gereses Array B 127.20 329 PKP PKIPK 03 09 17.6 -1.2

SDV Santo Domingo 134.35 84 PKP PKIPK 03 09 35.5 +0.7

BDFB Brasilia 147.73 134 PKPbC 03 10 01.8 -0.3

BDFB Brasilia 147.73 134 PKPbC 03 10 00.3 +0.3

TOAO Torodi Arr. Sit 153.42 286 PKPbC 03 10 13.1 -0.5

TORD Torodi Arr. Bea 153.42 286 PKPbC 03 10 11.9 -1.7

TORD Torodi Arr. Bea 153.42 286 PKPbC 03 10 21.8 +0.5

TORD Torodi Arr. Bea 153.42 286 PKPbC 03 10 12.8 -0.8

TORD Torodi Arr. Bea 153.42 286 PKPbC 03 10 12.8 -0.8

TORD Torodi Arr. Bea 153.42 286 PKPbC 03 10 12.8 -0.8

TORD Torodi Arr. Bea 153.42 286 PKPbC 03 10 12.8 -0.8</

20d 3h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WMQ, DDI, NDI, SMLA, POO, PETK, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like KIV, PMR, I23K, I23K, NEAZ, MCK, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like NEHR, OZUR, MLR, BURAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like West Decatur, Standing Stone, P56A, etc.

VAO 20 03:02:40.0, 1.1, 25.04S; 69.84W, h10km, mb4.2

NEIC 20 03:29:7.0, 9.2, 23.79S; 0.07:66W; 0.2, h235km, 12km, mb3.8/3, Md4.0(SJA), Error ellipse: s-maj=25.2km

IDC 20 03:03:30.1, 1.7, 23.74S; 66.43W, h210km, 23km, mb3.6/1, mb1 3.3/4, mb1mx3.0/31, mbtmp3.9/4, Error ellipse: s-maj=32.5km s-min=25.2km az=144.0

ISC 20 03:03:28.2, 0.7, 23.80S; 0.05:66.33W; 0.07, h200km, n37, a136/43, Jujuy Province

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like LVC, LVC, LVC, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like VAO, IPMB, BDFB, etc.

NEIC 20 03:13:41.8, 1.0, 47.33N; 0.03:124.24W; 0.0, h24km, 7km, Error ellipse: s-maj=3.8km s-min=2.9km az=178.0

ANF 20 03:13:42.1, 1.2, 47.38N; 124.19W, h25km, 6km, ML2.5/5, Error ellipse: s-maj=8.4km s-min=5.4km az=72.0

SEA 20 03:13:43.9, 1.3, 47.34N; 0.02:124.11W; 0.05, h28km, 7km, ML2.6/37, ML2.4/12(NEIC), Error ellipse: s-maj=5.8km s-min=0.9km az=61.0

ISC 20 03:13:42.6, 1.1, 47.33N; 0.03:124.17W; 0.04, h28km, 7km, n61, a050/74, Near coast of Washington

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like NLWA, OLQ, WISH, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like HDW, B04A, B04B, etc.

IDC 20 03:31:41.0, 1.2, 16.09N; 123.95E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.3/38, mbtmp3.6/3, MS3.3/2, M1 3.3/2, ms1mx2.4/40, Error ellipse: s-maj=35.7km s-min=32.4km az=39.0

MAN 20 03:31:59.2, 13.54N; 124.51E, h2km, MS3.5

ISC 20 03:32:02.3, 1.9, 13.55N; 124.4E; 0.2, h7km, 10km, n10, a169/14, 1C-1D, Luzon

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like PVCP, CNP, CNP, etc.

IDC 20 04:05:39.1, 1.8, 6.79S; 124.41E, h0km, mb3.6/1, mb1 3.4/3, mb1mx3.3/38, mbtmp3.3/3, ML3.3/2, Error ellipse: s-maj=188.8km s-min=29.8km az=60.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like WRA, ASAR, MKAR, etc.

IDC 20 04:12:56.5, 3.9, 41.64N; 127.11E, h0km, mb1 2.6/2, mb1mx2.6/45, mbtmp2.6/2, ML1.9/2, Error ellipse: s-maj=47.7km s-min=17.0km az=112.0, North Korea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like KRSR, KRSR, KRSR, etc.

CNRM 20 04:17:35.3, 36.43N; 7.59W, h18km, Hypocentre not reviewed by the ISC

IGIL 20 04:17:38.5, 36.54N; 7.62W, h20km, ML2.8

MDD 20 04:17:38.5, 0.8, 36.55N; 7.57W, h24km, 8km, mbLg2.9/34, Error ellipse: s-maj=7.4km s-min=3.0km az=31.0, PXRIMO

MDD EMS: I-II INTENSIDAD MAXIMA.

INMG 20 04:17:38.3, 1.1, 36.52N; 7.60W, h20km, 3km, ML2.7, Error ellipse: s-maj=2.2km s-min=2.1km az=45.0

SFS 20 04:17:38.0, 36.59N; 7.58W, h22km, ML3.0, GOLFO DE CADIZ

ISC 20 04:17:36.8, 1.1, 36.59N; 0.04:7.51W; 0.03, h22km, 8km, n98, a172/187, 2C-6D, Strait of Gibraltar

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like PBDV, PBDV, PBDV, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like PBDV, PVAQ, PVAQ, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like MOTO, SJCC, BRAL, 435B, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like WILC, WMOK, NHSC, SWET, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like CCM, CCM, CCM, CCM, etc.

20d 6h

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SS6A	baz=208,SNR=62	S	S	07 09 14.2 +0.9	SPX	San Pedro Mart	27.20 310	P	P	07 05 21.5 +0.8	ECSD	EROS Data Cent	29.07 352	I	Amb	I	Amb	07 06 14.7			
P48A	Milroy	25.05 11	I	Amb	I	Homestead Farm	27.21 23	P	P	07 05 21.7 +1.5	020A	White River Ci	29.09 333	P	P	P	P	07 05 38.6 +1.4			
Q51A	Peebles	25.09 15	I	Amb	I	Homestead Farm	27.21 23	I	Amb	07 05 23.0	M57A	Sunshine Farm	29.15 23	P	P	P	P	07 05 38.2 +0.7			
U61A	Possum Corner	25.23 29	P	P	P	Harwood	27.22 26	P	P	07 05 21.6 +1.3	061A	Allentown	29.15 27	P	P	P	P	07 05 38.2 +0.8			
T59A	Double "B" Far	25.25 27	P	P	P	L34A	Svendsen Farm,	27.30 352	I	Amb	I	Amb	07 06 00.7	BELC	Belle Mtn. Jos	29.18 315	P	P	P	07 05 40.9 +2.9	
T59A	Double "B" Far	25.25 27	P	P	P	L44A	Lake County Fo	27.36 6	P	P	P	P	07 05 21.3 -0.2	TPFO	Pinson Flats	29.27 314	P	P	P	07 05 40.6 +1.8	
T59A	Double "B" Far	25.25 27	P	P	P	L44A	Lake County Fo	27.36 6	I	Amb	I	Amb	07 05 58.2	PFO	Pinyon Flats O	29.28 314	P	P	P	07 05 42.3 +3.4	
P49A	Miami Univ. Ec	25.26 12	P	P	P	R61A	Willards	27.36 28	P	P	P	P	07 05 22.9 +1.3	PFO	Pinyon Flats O	29.28 314	P	P	P	07 12 10.0 +1.0	
P49A	Miami Univ. Ec	25.26 12	I	Amb	I	L46A	Eue Claire	27.39 8	I	Amb	I	Amb	07 06 09.1	PFO	Pinyon Flats O	29.28 314	P	P	P	07 18 30.9	
044A	Mansfield	25.30 5	I	Amb	I	M50A	Fremont	27.41 14	I	Amb	I	Amb	07 05 59.4	PFO	Pinyon Flats O	29.28 314	P	P	P	07 05 38.4 -0.5	
CUPR	Culebra, 1u1s	25.34 79	P	P	P	N53A	Lisbon	27.43 18	I	Amb	I	Amb	07 05 24.1	PFO	Pinyon Flats O	29.28 314	P	P	P	07 05 41.1 +2.3	
CUPR	Culebra, 1u1s	25.34 79	P	P	P	P58A	Bank, Wackers	27.49 24	P	P	P	P	07 05 23.7 +1.1	PFO	Pinyon Flats O	29.28 314	P	P	P	07 05 40.1 +1.3	
CUPR	Culebra, 1u1s	25.34 79	P	P	P	M51A	Elyria	27.55 15	P	P	P	P	07 05 23.3 +0.1	PFO	Pinyon Flats O	29.28 314	P	P	P	07 06 14.3 +2.2	
S57A	Dark Hollow, R	25.34 24	P	P	P	PV01	Paradox Valley	27.64 330	P	P	P	P	07 05 25.4 +1.1	N59A	State Game Lan	29.32 25	P	P	P	07 05 39.7 +0.8	
S57A	Dark Hollow, R	25.34 24	I	Amb	I	L48A	N Adams	27.64 11	I	Amb	I	Amb	07 05 59.3	N59A	State Game Lan	29.32 25	I	Amb	I	Amb	07 05 40.6
R55A	Marlinton	25.38 21	P	P	P	K38A	Parkersburg	27.68 358	I	Amb	I	Amb	07 05 26.3	109C	Camp Elliot, M	29.35 312	P	P	P	07 05 41.2 +1.9	
Q53A	Leroy	25.44 18	P	P	P	Q60A	Greensboro	27.69 27	P	P	P	P	07 05 25.6 +1.2	SVB	Belmont	29.37 89	I	Amb	I	Amb	07 06 15.5
ATAH	Atahualpa	25.46 148	P	P	P	O56A	Blue Knob Stat	27.69 22	P	P	P	P	07 05 25.5 +1.0	I45A	Fountain	29.39 8	I	Amb	I	Amb	07 05 41.2
ATAH	Atahualpa	25.46 148	P	P	P	O56A	Blue Knob Stat	27.69 22	I	Amb	I	Amb	07 05 26.8	GMRC	Granite Mounta	29.41 317	P	P	P	07 05 43.0 +3.0	
ATAH	Atahualpa	25.46 148	P	P	P	ISCO	Idaho Springs	27.72 336	P	P	P	P	07 05 25.8 +0.6	M58A	Price's Panora	29.43 23	P	P	P	07 05 40.8 +0.9	
S58A	Poland Farm, P	25.58 25	P	P	P	ISCO	Idaho Springs	27.72 336	P	P	P	P	07 05 25.8 +0.6	N60A	Cedar Hill Far	29.55 26	P	P	P	07 05 41.9 +0.9	
S58A	Poland Farm, P	25.58 25	I	Amb	I	SKI	Saint Kitts	27.73 81	P	P	P	P	07 05 24.1 -1.0	WVNY	West Valley, W	29.58 20	I	Amb	I	Amb	07 05 43.2
P51A	Williamsport	25.59 15	I	Amb	I	SKI	Saint Kitts	27.73 81	P	P	P	P	07 05 24.1 -1.0	SZCU	Shurtz Canyon	29.62 324	P	P	P	07 05 44.6 +2.7	
HDIL	Hopedale	25.64 4	P	P	P	SKI	Saint Kitts	27.73 81	P	P	P	P	07 05 24.1 -1.0	BRNJ	Basking Ridge	29.63 27	I	Amb	I	Amb	07 05 43.3
HDIL	Hopedale	25.64 4	I	Amb	I	PV15	Paradox Valley	27.76 330	P	P	P	P	07 05 27.1 +1.7	L56A	Greenwood	29.69 21	P	P	P	07 05 42.7 +0.4	
SFIN	Lafayette	25.68 8	P	P	P	Q61A	Milford	27.82 28	P	P	P	P	07 05 27.0 +1.4	L56A	Greenwood	29.69 21	I	Amb	I	Amb	07 05 44.1
SFIN	Lafayette	25.68 8	I	Amb	I	N54A	Moraine State	27.84 19	P	P	P	P	07 05 26.4 +0.7	MSU	Marysville	29.77 326	P	P	P	07 05 45.6 +2.4	
N41A	Harden Midland	25.72 1	I	Amb	I	GLA	Glamis	27.84 315	P	P	P	P	07 05 28.9 +2.9	MSU	Marysville	29.77 326	P	P	P	07 05 45.6 +2.4	
R56A	Bull Pasture II	25.74 22	P	P	P	K43A	Burlington	27.84 5	I	Amb	I	Amb	07 06 03.9	MURC	Murrieta	29.79 313	P	P	P	07 05 46.1 +2.9	
T60A	Surry	25.75 28	P	P	P	PV03	Paradox Valley	27.86 330	P	P	P	P	07 05 28.4 +2.1	N61A	South Mountain	29.80 27	P	P	P	07 05 43.8 +0.6	
CDVI	St. Croix	25.80 80	P	P	P	PV03	Paradox Valley	27.86 330	I	Amb	I	Amb	07 06 06.6	L57A	Andrews Acres	29.83 22	P	P	P	07 05 43.9 +0.5	
214A	Organ Pipe Nat	25.82 315	I	Amb	I	PV18	Skein Mesa, Pa	27.89 330	P	P	P	P	07 05 28.8 +2.2	HEC	Hector,Ludlow	29.88 316	P	P	P	07 05 47.6 +3.5	
SDCO	Great Sand Dun	25.92 334	P	P	P	PV18	Skein Mesa, Pa	27.89 330	P	P	P	P	07 06 07.1	BBSR	BB Station	29.96 50	P	P	P	07 05 44.9 +0.2	
SDCO	Great Sand Dun	25.92 334	P	P	P	PV12	Saucer Basin,	27.89 330	I	Amb	I	Amb	07 06 07.0	M59A	Waymart	29.98 25	P	P	P	07 05 45.5 +0.7	
SDCO	Great Sand Dun	25.92 334	P	P	P	PV17	East Wray Mesa	27.94 330	P	P	P	P	07 05 28.5 +1.7	CPNY	Central Park	29.98 27	I	Amb	I	Amb	07 05 45.9
KSCO	Kaye Shedlock	25.94 340	P	P	P	PV17	East Wray Mesa	27.94 330	P	P	P	P	07 06 02.0 +2.3	RDMU	Red Mountain	30.04 332	P	P	P	07 05 47.1 +1.5	
KSCO	Kaye Shedlock	25.94 340	I	Amb	I	PV16	Nyswonger Mesa	27.94 330	I	Amb	I	Amb	07 06 07.3	M60A	Port Jervis	30.13 26	P	P	P	07 05 46.8 +0.7	
R58B	Mineral	25.95 25	P	P	P	JFWS	Jewell Farm	27.94 2	P	P	P	P	07 05 26.5 -0.1	SHPR	Sheep Range	30.14 320	P	P	P	07 05 48.8 +2.3	
R58B	Mineral	25.95 25	S	S	S	JFWS	Jewell Farm	27.94 2	I	Amb	I	Amb	07 05 29.8	TRNY	Table Rock, Pa	30.15 27	I	Amb	I	Amb	07 05 48.2
R58B	Mineral	25.95 25	I	Amb	I	P59A	Jarrettsville	27.94 25	P	P	P	P	07 05 27.8 +1.1	I51A	Listowel	30.17 15	P	P	P	07 05 46.2 -0.2	
R58B	Mineral	25.95 25	I	Amb	I	M52A	Chesterland	27.97 16	P	P	P	P	07 05 27.6 +0.6	PAL	Palisades	30.18 27	P	P	P	07 05 47.1 +0.6	
W18A	Petrified Fore	25.96 324	P	P	P	M52A	Chesterland	27.97 16	I	Amb	I	Amb	07 06 21.2	PAL	Palisades	30.18 27	I	Amb	I	Amb	07 05 47.7
W18A	Petrified Fore	25.96 324	P	P	P	O57A	Amberson	27.98 23	P	P	P	P	07 05 27.9 +0.9	L58A	Harry Jones Me	30.24 24	P	P	P	07 05 47.8 +0.7	
049A	Covington	25.96 13	I	Amb	I	PV14	Paradox Valley	28.00 330	I	Amb	I	Amb	07 06 08.0	SPMN	Marine on St.	30.25 358	P	P	P	07 05 46.9 -0.1	
P52A	Corning	25.98 17	P	P	P	PV14	Lion Creek, Pa	28.04 330	I	Amb	I	Amb	07 06 08.1	K56A	Middlesex	30.27 21	P	P	P	07 05 47.9 +0.6	
R57A	Standardsville	25.98 24	P	P	P	ESJX	Sierra Juarez	28.05 312	P	P	P	P	07 05 29.2 +1.2	MEDO	Medina	30.31 19	I	Amb	I	Amb	07 05 49.3
S59A	Mechanicsville	26.02 26	P	P	P	PV22	Mesa Mesa, Pa	28.06 330	P	P	P	P	07 05 29.2 +1.2	N62A	Camden State	30.31 28	P	P	P	07 05 48.2 +0.6	
R58A	Rapidan	26.19 25	P	P	P	M53A	WI Miller and	28.07 17	P	P	P	P	07 05 28.3 +0.4	BINY	Binghamton	30.32 23	P	P	P	07 05 48.4 +0.6	
R58A	Rapidan	26.19 25	S	S	S	M53A	WI Miller and	28.07 17	I	Amb	I	Amb	07 06 26.9	J54A	Appleton, Wis	30.35 19	I	Amb	I	Amb	07 05 49.6
S60A	Water View	26.26 27	P	P	P	PV23	Carpenter Ridg	28.10 330	I	Amb	I	Amb	07 06 08.7	GLMI	Grayingling	30.40 10	P	P	P	07 05 47.6 -0.8	
ACS0	Alum Creek Sta	26.32 15	P	P	P	PDMO	Parker Dam, Lak	28.12 317	P	P	P	P	07 05 31.5 +3.2	GLMI	Grayingling	30.40 10	I	Amb	I	Amb	07 06 49.9
ACS0	Alum Creek Sta	26.32 15	I	Amb	I	AAM	Ann Arbor	28.14 12	P	P	P	P	07 05 28.1 -0.3	NNA	Nana	30.40 151	ceP	pmax	pmax	07 05 50.6 +1.8	
CBN	Corbin Frederi	26.36 26	P	P	P	AAM	Ann Arbor	28.14 12	I	Amb	I	Amb	07 06 21.0	NNA	Nana	30.40 151	P	P	P	07 05 50.2 +1.4	
CBN	Corbin Frederi	26.36 26	P	P	P	O58A	Lewisberry	28.18 24	P	P	P	P	07 05 29.7 +0.8	G45A	Suttons Bay	30.45 8	I	Amb	I	Amb	07 06 52.7
Q56A	Snyder Ridge,	26.38 22	P	P	P	SSPA	Standing Stone	28.26 22	P	P	P	P	07 05 30.5 +0.9	BFSO	Mount Baldy Ra	30.46 314	P	P	P	07 05 51.7 +2.5	
R59A	King George, V	26.47 26	P	P	P	SSPA	Standing Stone	28.26 22	P	P	P	P	07 05 30.3 +0.8	GSC	Goldstone, Bar	30.47 316	P	P	P	07 05 51.5 +2.3	
S22A	4UR Ranch, Cre	26.51 332	P	P	P	MVL	Millersville	28.20 25	I	Amb	I	Amb	07 05 31.7	GSC	Goldstone, Bar	30.47 316	P	P	P	07 05 51.6 +2.3	
O52A	Adamsville	26.51 17	I	Amb	I	K31A	O'Neill	28.33 349	I	Amb	I	Amb	07 06 12.1	GSC	Goldstone, Bar	30.47 316	P	P	P	07 05 51.6 +2.3	
M44A	Midewin, Midew	26.57 6	P	P	P	PAGS	Pennsylvania G	28.35 24	P	P	P	P	07 05 30.0 -0.3	GSC	Goldstone, Bar	30.49 27	P	P	P	07 05 49.8 +0.6	
M44A	Midewin, Midew	26.57 6	I	Amb	I	U15A	North Rim	28.36 323	P	P	P	P	07 05 32.7 +1.9	K22A	Casper	30.53 338	P	P	P	07 05 50.4 +0.6	
Q57A	Strasburg	26.66 23	P	P	P	N56A	West Decatur	2													

OSI	Osito Audit: C	31.40 314	P	P	07 05 59.4 +2.0
K60A	Five Rivers En	31.51 25	P	P	07 05 58.8 +0.6
H53A	Bolcaygeon	31.55 18	P	P	07 05 58.7 +0.2
L62A	Suffield	31.56 27	P	P	07 05 59.0 +0.4
UCCT	U. Connecticut	31.57 28	P	P	07 05 59.4 +0.7
UCCT	Sadowa	31.57 17	P	P	07 05 58.2 +0.5
SADO	Sadowa	31.57 17	I	Amb	07 05 59.9
J58A	Remsen	31.58 23	P	P	07 05 59.4 +0.5
R11A	Troy Canyon, C	31.59 322	P	P	07 06 01.7 +2.6
E43A	Lone Tree Farm	31.61 6	I	Amb	07 05 59.8
E38A	The Farm, Brul	31.61 360	I	Amb	07 05 60.0
SCZ2	Santa Cruz Isl	31.73 312	P	P	07 06 03.2 +2.9
ARVC	Arvin	31.75 314	P	P	07 06 03.3 +2.9
ISA	Isabella, Lake	31.80 315	P	P	07 06 03.5 +2.6
K61A	Williamstown	31.81 26	P	P	07 06 01.9 +1.0
PDAR	Pinedale Array	31.82 334	P	P	07 06 01.8 +0.6
PDAR	Pinedale Array	31.82 334	P	P	07 06 01.8 +0.6
PDAR	Graveline Rang	31.83 319	P	P	07 06 04.5 +3.4
M64A	Tiverton	31.85 30	P	P	07 06 02.1 +0.9
M64A	Tiverton	31.85 30	I	Amb	07 06 03.3
L61B	Northampton	31.89 27	P	P	07 06 01.7 +0.2
QUA2	Belchertown	31.89 27	I	Amb	07 06 02.5
L63A	North Scituate	31.90 29	P	P	07 06 02.2 +0.5
L63A	North Scituate	31.90 29	I	Amb	07 06 03.5
E46A	Sault Ste Mari	31.95 9	I	Amb	07 07 08.7
CWC	Cottonwood Cre	31.97 317	P	P	07 06 04.7 +2.1
J59A	Piesco	31.97 24	P	P	07 06 02.6 +0.4
J59A	Piesco	31.97 24	I	Amb	07 06 05.0
BRYW	Bryant College	31.98 29	P	P	07 06 03.0 +0.7
BRYW	Bryant College	31.98 29	I	Amb	07 06 04.2
I58A	Old Forge	31.98 23	P	P	07 06 03.0 +0.6
M65A	Busby, Falmout	32.13 30	P	P	07 06 04.2 +0.6
D41A	Chassel	32.16 4	I	Amb	07 06 07.4
J60A	Lant Hill Farm	32.22 25	P	P	07 06 05.2 +0.8
ACCN	Adirondack Com	32.24 25	I	Amb	07 06 05.6
K62A	Royalston	32.26 27	P	P	07 06 05.6 +0.9
K62A	Royalston	32.26 27	I	Amb	07 06 08.0
VES	Vestal, Richgr	32.31 315	P	P	07 06 08.1 +2.8
PKM	Mpherson Peak	32.31 313	P	P	07 06 07.3 +1.8
L64A	Middleborough	32.32 29	P	P	07 06 06.5 +1.3
HRV	Adam Dzewonsk	32.43 28	P	P	07 06 07.1 +0.9
HRV	Adam Dzewonsk	32.43 28	P	P	07 06 07.1 +0.9
HRV	Adam Dzewonsk	32.43 28	I	Amb	07 06 08.2
HRV	Adam Dzewonsk	32.43 28	I	Amb	07 06 08.2
PLVO	Plevna	32.43 19	P	P	07 06 06.2 -0.1
PLVO	Plevna	32.43 19	I	Amb	07 06 07.8
G54A	Lake Saint Pet	32.45 18	P	P	07 06 06.3 -0.1
D32A	Dogwood Acres,	32.47 353	I	Amb	07 06 44.1
H57A	Richville	32.49 22	P	P	07 06 07.4 +0.6
I59A	Olmsteadville	32.50 24	P	P	07 06 06.9 +0.1
HVU	Hansel Valley	32.50 330	P	P	07 06 07.6 +0.5
HVU	Hansel Valley	32.50 330	P	P	07 06 07.6 +0.5
HVU	Hansel Valley	32.50 330	I	Amb	07 06 45.9
HVU	Hansel Valley	32.51 348	I	Amb	07 06 45.9
K63A	Dunstable	32.59 28	I	Amb	07 06 08.2 +0.6
K63A	Dunstable	32.59 28	I	Amb	07 06 09.7
SMMC	Simmler	32.66 314	P	P	07 06 10.2 +1.8
J61A	Chester	32.67 26	P	P	07 06 09.2 +0.9
I60A	Shoreham	32.77 25	P	P	07 06 09.8 +0.6
REDW	Red Top Meadow	32.85 34	I	Amb	07 06 47.5
J62A	Henniker	32.89 27	P	P	07 06 11.2 +0.9
SNOW	Snow King Moun	32.89 334	I	Amb	07 06 48.4
H58A	Gabriels	32.90 23	P	P	07 06 10.6 +0.3
LONY	Lake Ozonia	32.92 22	P	P	07 06 10.9 +0.4
LONY	Lake Ozonia	32.92 22	P	P	07 06 09.4 -1.1
LOHW	Long Hollow	32.95 334	P	P	07 06 11.7 +0.7
EYMN	Ely	32.95 0	P	P	07 06 09.9 -0.8
ALGO	Algonquin Park	32.96 17	P	P	07 06 10.7 -0.1
ELK	Elko	33.02 326	P	P	07 06 14.9 +3.2
ELK	Elko	33.02 326	P	P	07 09 33.5
ELK	Elko	33.02 326	P	P	07 12 22.3 +0.8
ELK	Elko	33.02 326	P	P	07 12 22.3 +0.8
G57A	Newington	33.19 22	P	P	07 06 13.0 +0.2
NV11	Mina Array Sit	33.20 320	I	Amb	07 07 07.9
J63A	Stratford	33.26 28	P	P	07 06 13.9 +0.5
H59A	Cadyville	33.28 23	P	P	07 06 13.9 +0.2
I61A	Oroboro, Fair	33.29 26	P	P	07 06 14.1 +0.4
NVAR	Mina Array Bea	33.29 320	P	P	07 06 17.8 +3.7
NVAR	Mina Array Bea	33.29 320	P	P	07 06 50.0 +2.4
NVAR	Mina Array Bea	33.29 320	P	P	07 08 54.0 +1.4
NVAR	Mina Array Bea	33.29 320	P	P	07 09 34.1
NVAR	Mina Array Bea	33.29 320	P	P	07 12 23.4 +0.9
NVAR	Mina Array Bea	33.29 320	P	P	07 21 17.1
NVAR	Mina Array Bea	33.29 320	P	P	07 06 17.3 +3.2
LHV	Little Huntoon	33.31 319	I	Amb	07 07 10.0
MDPB	Devils Postpil	33.31 318	P	P	07 06 16.9 +2.6

B35A	Bob, Littlefor	33.42 357	I	Amb	07 06 53.1
FRNY	Flat Rock	33.48 23	I	Amb	07 06 17.0
AGMN	Agassiz Nation	33.50 355	P	P	07 06 15.2 -0.2
AGMN	Agassiz Nation	33.50 355	I	Amb	07 06 53.8
MDND	Madcoo	33.53 350	P	P	07 06 15.6 -0.2
RYN	Ryan	33.55 320	I	Amb	07 07 10.8
G58A	Ornstown	33.57 23	P	P	07 06 16.4 +0.3
H60A	Morristown	33.60 25	P	P	07 06 16.7 +0.3
I62A	Tamworth	33.62 27	P	P	07 06 17.1 +0.6
I62A	Tamworth	33.62 27	I	Amb	07 06 18.6
LBNH	Lisbon	33.66 26	P	P	07 06 17.5 +0.6
LBNH	Lisbon	33.66 26	I	Amb	07 06 18.8
RLMT	Red Lodge	33.67 337	P	P	07 06 17.8 +0.6
YMP	Mirror Lake Pl	33.69 336	P	P	07 06 20.4 +2.9
G59A	Glanceville	33.84 24	P	P	07 06 18.9 +0.5
H61A	Lyndonville	33.90 25	P	P	07 06 19.4 +0.4
F57A	Harrington	33.91 21	P	P	07 06 19.4 +0.4
E55A	Montclair-Lyto	34.02 19	P	P	07 06 19.9 0.0
I63A	Otisfield	34.09 27	P	P	07 06 21.2 +0.6
I63A	Otisfield	34.09 27	I	Amb	07 06 22.6
G60A	Masonville	34.19 24	P	P	07 06 22.0 +0.5
H62A	Milan	34.25 26	P	P	07 06 22.1 +0.1
F58A	St-Lin Laurent	34.27 22	P	P	07 06 22.4 +0.2
I64A	Boothbay	34.41 28	P	P	07 06 24.0 +0.6
E56A	St. Veronique	34.43 20	P	P	07 06 24.2 +0.7
PNTR	Pine Nut	34.50 320	P	P	07 06 27.6 +3.1
HLID	Hailey	34.63 330	P	P	07 06 28.2 +2.7
F59A	Saint Guillaume	34.64 23	P	P	07 06 25.4 +0.1
G61A	St-Aloise-de-	34.67 25	P	P	07 06 26.1 +0.5
BCYI	Bear Canyon	34.73 332	P	P	07 06 28.5 +2.1
H63A	New Sharon	34.81 27	P	P	07 06 27.4 +0.7
PTGA	Pitinga	34.84 114	P	P	07 06 25.7 -1.8
PTGA	Pitinga	34.84 114	I	Amb	07 06 26.5
PTGA	Pitinga	34.84 114	I	Amb	07 06 27.8 +0.3
E58A	La Victoria	34.90 22	P	P	07 06 27.8 +0.3
WVL	Waterville	34.90 28	I	Amb	07 06 29.6
D56A	ZEC Maranza, M	34.96 20	P	P	07 06 28.4 +0.3
BOZ	Bozeman (W)	34.99 335	P	P	07 06 28.6 +0.1
BOZ	Bozeman (W)	34.99 335	P	P	07 06 29.9 +1.4
BOZ	Bozeman (W)	34.99 335	P	P	07 06 28.6 +0.1
G62A	West of Eustis	35.03 26	I	Amb	07 06 29.4 +0.7
G62A	West of Eustis	35.03 26	I	Amb	07 06 30.7
F60A	Warwick	35.06 24	P	P	07 06 29.3 +0.4
DGMT	Dagmar	35.08 345	P	P	07 06 29.8 +0.7
DGMT	Dagmar	35.08 345	P	P	07 06 29.6 +0.5
ETMB	Extrema	35.09 133	eP	P	07 06 29.1 -0.5
VLDQ	Val d'Or	35.10 16	I	Amb	07 07 06.0
H64A	Troy	35.16 28	P	P	07 06 30.5 +0.7
E59A	St. Maurice	35.27 23	P	P	07 06 30.9 +0.2
G63A	Kingsbury	35.35 27	P	P	07 06 31.9 +0.4
MACA	Manacapurua-AM	35.41 118	eP	P	07 06 30.3 -2.0
ULM	Lac du Bonnet	35.44 355	P	P	07 06 31.9 -0.2
ULM	Lac du Bonnet	35.44 355	P	P	07 12 28.9 -0.7
ULM	Lac du Bonnet	35.44 355	P	P	07 12 28.9 -0.7
ULM	Lac du Bonnet	35.44 355	P	P	07 06 30.8 -1.3
F61A	St Evariste	35.45 25	P	P	07 06 32.6 +0.4
E60A	Ste Agathe de	35.59 24	P	P	07 06 33.8 +0.3
PKME	Peaks-Kenny Pk	35.61 27	P	P	07 06 34.1 +0.5
PKME	Peaks-Kenny Pk	35.61 27	I	Amb	07 06 35.5
H65A	Eastbrook	35.65 29	P	P	07 06 34.7 +0.8
D58A	Chemin du LacG	35.66 22	P	P	07 06 34.5 +0.5
G64A	Mazeld	35.84 28	P	P	07 06 36.0 +0.5
LATQ	La Tuque	35.94 22	P	P	07 06 37.0 +0.6
D59A	Saint-Raymond	35.97 23	P	P	07 06 37.0 +0.3
E61A	Lac Etchemin	36.03 25	P	P	07 06 37.8 +0.6
F63A	Nahmakanta, Br	36.03 27	P	P	07 06 37.5 +0.3
F63A	Nahmakanta, Br	36.03 27	I	Amb	07 06 38.7
LSQQ	Lebel-sur-Quev	36.09 16	P	P	07 06 37.7 +0.1
H66A	Whiting	36.16 30	P	P	07 06 39.1 +0.8
D60A	Saint Jean D'O	36.24 24	P	P	07 06 39.3 +0.3
EGMT	Eagleton	36.32 339	P	P	07 06 40.8 +1.1
EGMT	Eagleton	36.32 339	I	Amb	07 07 18.4
G65A	Princeton	36.35 29	P	P	07 06 40.8 +0.9
F64A	Sherman	36.49 28	P	P	07 06 41.6 +0.5
F64A	Sherman	36.49 28	P	P	07 06 41.4 +0.3
F64A	Sherman	36.49 28	I	Amb	07 06 42.9
MATQ	Matagami	36.56 15	P	P	07 06 41.4 -0.3
O03E	Paynes Creek	36.58 320	P	P	07 06 44.2 +2.1
SAML	Samuel	36.73 128	P	P	07 06 42.2 -1.4
SAML	Samuel	36.73 128	P	P	07 06 42.2 -1.4
SAML	Samuel	36.73 128	P	P	07 06 42.2 -1.4
D61A	St Aubert, Com	36.77 24	P	P	07 06 44.1 +0.6
E63A	Oxbow	36.89 27	P	P	07 06 45.1 +0.6
MSO	Misou	36.94 334	P	P	07 06 45.8 +0.7
O02D	Mt. Diablo Mer	37.14 319	P	P	07 06 48.0 +1.2
E62A	Allapott, All	37.14 26	P	P	07 06 47.0 +0.4
D64A	Bridgewater	37.15 27	P	P	07 06 47.3 +0.6
PQI	Presque Isle	37.26 27	I	Amb	07 06 49.3
M04C	Macdoel	37.47 322	P	P	07 06 51.3 +1.7
D63A	Stockholm	37.51 26	P	P	07 06 50.2 +0.5

M02C	Callahan	37.86 320	P	P	07 06 53.9 +1.0
HAL	Halifax	37.92 33	I	Amb	07 06 55.3
K04D	Chloquin, OR	37.93 323	P	P	07 06 55.1 +1.7
YBH	Yreka Blue Hor	37.97 321	P	P	07 06 54.4 +0.6
YBH	Yreka Blue Hor	37.97 321	P	P	07 12 39.7 +0.4
L04D	Klamath Falls	38.01 322	P	P	07 06 55.7 +1.6
J05D	Fort Rock, OR	38.04 324	P	P	07 06 55.9 +1.5
G08A	Pilot Rock	38.14 328	P	P	07 06 56.4 +1.3
J04D	Umquaga Nationa	38.51 323	P	P	07 06 59.9 +1.5
BATG	Bathurst New B	38.58 28	I	Amb	07 07 00.5
I04A	Tendick Farm	39.02 324	P	P	07 07 04.0 +1.5
NEW	Newport	39.42 333	P	P	07 07 05.7 0.0
NEW	Newport	39.42 333	P	P	07 09 10.8 +0.1
NEW	Newport	39.42 333	P	P	07 12 44.7 0.0
MDP	Montagnes des	138.100	P	P	07 09 10.5 -0.7
H04A	Detroit Lake	39.45 325	I	Amb	07 07 45.8
PB16	IPOC Station P	39.50 146	P	P	07 07 08.7 +1.5
PB16	IPOC Station P	39.50 146	I	Amb	07 07 10.6
I03D	Drain, OR	39.51 323	P	P	07 07 07.9 +1.5
GBN	Guyborough	39.54 34	I	Amb	0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Time. Includes stations like PTGB Pitanga, BB19B Bebedouro, JANB Januaria, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Time. Includes stations like DBG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Time. Includes stations like DOU Maredsous, BMRD Maredsous, BMRD Maredsous, etc.

20d 8h

2015 JAN

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC, +0.5. Rows include stations like AFI Afiamalu, AFI 173nm, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: PFO, Pinyon Flats O, 75.08, 47, P, P, 08 26 09.6 +0.5. Rows include stations like PFO Pinyon Flats O, TPFO Pinon Flats, BBRC Big Bear Solar, etc.

Table with columns: X18A, Snowflake, 80.19, 49, P, P, 08 26 37.4 0.0. Rows include stations like X18A Snowflake, NJ2 Nanjing, A04D Lumli Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Limon Verde, IROC Station P, Punta Patache, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Saraoutou, Charters Tower, Black Stump Fm, etc.

Table with columns: ILAR, Eielson Array, Az, Phase, ID, Time, Res, ISC. Lists various stations like Kurchatov Arra, Semipalatinsk, etc.

IDD 20 09:06:14.79.1, 11.975s:167.87E, h0km, mb4.0/5, mb1.4/1.5, mb1mx3.7/3.4, mbtmp4.0/5, Error ellipse: s-maj=279.8km s-min=46.8km az=129.0

NOU 20 09:16:37.0.4, 32'S:139.28'E, h6km, mb5.2, Irian Jaya, Indonesia NEIC 20 09:16:41.12.4, 4.63S:0.707:139.33E:0.07, h30km, 5km, mb4.7/15, Error ellipse: s-maj=10.4km s-min=10.0km az=99.0

BJI 20 09:30:53.8.0.0, 49.14N:79.01E, h13km, mb5.0/35, mb4.6/43, ML5.3/7, Ms4.7/35, Ms7.4/35, IDC 20 09:30:53.8.0.4, 49.02N:78.96E, h0km, mb4.5/37, mb1.4/0.4/4, mb1mx4.5/5.5, mbtmp4.5/4.4, ML4.1/16, MS3.8/17, Ms1.9/17, ms1mx3.6/4.7, Error ellipse: s-maj=8.7km s-min=6.1km az=37.0

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KUU, KTBS, KURS, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TKM2, CHMS, BVAR, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MOY, ZAK, NIL, etc.

20d 9h

2015 JAN

Table with columns: Name, Time, Status, and other details. Includes entries like VORD Divnogorie, GNI Garni, MOS Moscow, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like KLR Kul'dur, TPGR Topolog, CM33 Chiang Mai Arr, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like BRG Berggiesshubel, BRG Berggiesshubel, PRU CONA, etc.

931

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Eagle Plains, Reindeer, Denali Highway, etc.

2015 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Missoula, Warramunga Arr, Warramunga Arr, etc.

20d 9h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Ruisui, Datong, Shuangxi, etc.

SOME 20 09:40:00.7, 42°08'N-84°55'E, h10km
NNC 20 09:40:00.1±3.3, 41°93'N-84°48'E, h0km, mb4.1, mpv3.7,
Error ellipse: s-maj=23.8km s-min=14.1km az=145.0
ISC 20 09:39:53.1±3.4, 42°22'N-01°84.9E±0.1, h10km, n17,
0°594'27.5C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Katmen, Shalkoke, etc.

PRU 20 09:36:16.9±0.0, 50°30'N×19°13'E, h0km, Poland

Table with columns: Code, Station Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Ojcow, Moravsky Berou, etc.

JMA 20 09:39:55.8±0.1, 23°76'N-122°84'E, h50km, M1.6
TAP 20 09:39:56.1±3.8±2N-122°88'E, h57km, 1km, ML2.5, D
ISC 20 09:39:52.4±1.2, 23°76'N-100°44'12.833E±0.03, h7km, 10km,

Table with columns: Code, Station Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Yonaguni jima, etc.

20d 10h

Table with columns: Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like KAPAS, KAPS, MNBS, IMNBS, IMNBS.

REY 20 09:45:55.9, 64°66'N, 17°37'W, h5km
IDC 20 09:45:56.0, 64°54'N, 17°59'W, h0km, mb3.7/1.1,
mb1 4.0/13, mb1mx3.7/47, mbtmp3.7/13, ML3.4/2, MS3.7/3,
Ms1 3.7/3, ms1mx3.1/45, Error ellipse: s-maj=25.3km
s-min=12.9km az=20.0

NEIC 20 09:45:58.2, 1.9, 64°43'N, 0°09:17.5W, 0.1, h7km, 5km,
mb4.3/13, Error ellipse: s-maj=15.9km s-min=4.0km
az=21.0

ISC 20 09:45:57.4, 0.5, 64°66'N, 0°02:17.45W, 0.03, h10km, n82,
±251°73, mb3.8/15, Iceland

Main table of station data for the 20d 10h period, including stations like IDYN, IDYN, IDYN, etc.

205 JAN

Table of station data for 205 JAN, including stations like AKTO, GNI, ILAR, ILAR, ILAR, etc.

IDC 20 09:48:25.6, 2.3, 244N, 128°08'E, h0km, mb3.3/3,
mb1 3.5/3, mb1mx3.2/44, mbtmp3.3/3, MS4.2/1, Ms1 4.2/1,
ms1mx2.9/18, Error ellipse: s-maj=169.7km
s-min=25.0km az=67.0, Halmahera

Table of station data for IDC 20 09:48:25.6, including stations like WRA, ASAR, MSVF, MKAR.

IDC 20 09:51:42.7, 3.3, 16°41'S, 173°87'W, h55km, 32km, mb3.5/7,
mb1 3.8/8, mb1mx3.6/34, mbtmp3.8/8, ML4.5/1, Error
ellipse: s-maj=46.1km s-min=17.9km az=137.0,
NEIC 20 09:51:43.8, 0.9, 16°33'S, 0°2:173.8W, 0.2, h69km, 10km,
mb4.3/7, Error ellipse: s-maj=36.4km s-min=11.8km
az=128.0

ISC 20 09:51:40.7, 0.7, 16°45'S, 0°2:173.9W, 0.2, h35km, n19,
±108°21, mb4.0/11, Tonga Islands

Main table of station data for the 205 JAN period, including stations like AFI, AFI, AFI, etc.

HEL 20 10:00:30.6, 0.1, 64°65'N, 30°66'E, h0km, ML2.1, Explosion
KOLA 20 10:00:30.6, 64°67'N, 30°49'E, h0km, ML2.5, Kostomuksha,
Karelia

IDC 20 10:01:31.7, 2.1, 64°61'N, 30°86'E, h0km, mb1 3.2/4,
mb1mx3.0/47, mbtmp3.2/4, ML2.4/4, Error ellipse:
s-maj=28.4km s-min=8.3km az=104.0,
ISC 20 10:00:30.7, 0.9, 64°74'N, 0°03:30.6E, h0km, n26,
±137°46, Finland-Karelia border region

Main table of station data for the HEL and KOLA events, including stations like MSF, MSF, MSF, etc.

932

Table of station data for 932, including stations like PAJU, VAF, VAF, etc.

IDC 20 10:02:07.6, 1.6, 2°47'S, 128°72'E, h0km, mb3.8/2,
mb1 4.1/4, mb1mx3.6/43, mbtmp3.8/4, ML3.9/2, MS3.3/2,
Ms1 3.3/2, ms1mx2.7/36, Error ellipse: s-maj=33.7km
s-min=25.2km az=97.0,
DJA 20 10:02:10.1, 0.3, 2°S, 129°9'E, h10km, M3.9/7, mb4.6/2,
mb4.7/11, ML3.6/7, Mw(MB)4.0/11

ISC 20 10:02:09.7, 0.9, 2°43'S, 0°06:128.63E, 0.05, h10km, n12,
±251°14, Ceram Sea

Main table of station data for the 932 period, including stations like MSAI, MSAI, MSAI, etc.

IDC 20 10:06:45.1, 1.8, 4°25'S, 145°59'E, h0km, mb3.8/4,
mb1 3.9/5, mb1mx3.5/36, mbtmp3.7/5, ML3.5/1, Error
ellipse: s-maj=17.7km s-min=26.5km az=127.0, Near
East coast of New Guinea

Table of station data for IDC 20 10:06:45.1, including stations like WRA, ASAR, BATI, FITZ, ILAR.

IDC 20 10:23:18.6, 5.7, 19°28'S, 176°95'W, h351km, 44km,
mb3.5/2, mb1 3.5/6, mb1mx3.2/31, mbtmp3.9/6, Error
ellipse: s-maj=118.2km s-min=21.0km az=150.0, Fiji
Islands region

Main table of station data for the IDC 20 10:23:18.6 event, including stations like MSVF, WRA, WRA, etc.

REY 20 10:32:23.5, 64°61'N, 17°43'W, h3km
IDC 20 10:32:24.3, 0.5, 64°49'N, 17°65'W, h0km, mb4.2/22,
mb1 4.4/25, mb1mx4.2/43, mbtmp4.2/25, ML2.8/2, MS4.0/34,
Ms1 4.0/34, ms1mx4.0/46, Error ellipse: s-maj=17.5km
s-min=9.0km az=22.0,
MOS 20 10:32:24.7, 1.1, 64°56'N, 17°47'W, h10km, mb4.7/75, Error
ellipse: s-maj=8.4km s-min=5.5km az=111.5,
NEIC 20 10:32:27.1, 2.1, 64°50'N, 0°08:17.4W, 0.1, h13km, 3km,
mb1 7/13, Error ellipse: s-maj=12.5km s-min=8.2km
az=192.0,
GCMT 20 10:32:27.1, 0.3, 64°52'N, 0°03:17.82W, 0.08, h12km,
MW4.8/109, Moment Tensor Solution. s4,c4; s109,c130;
Duration: 0 Moment tensor; Scale 10^16Nm; Mr-1.43; 0.05;
Mw0.86±.06; Mw0.57±.05; Mw0.10±.23; Mw0.41±.04;
Mr1.31±.25; Best double couple: Mo 1.78500x10^16
NP1: 0.62, 0.00000, 0.828, 0.00000, -0.5, 5.00000, -
0.203, 0.00000, 0.688, 0.00000, -0.1, 107.00000. Principal axes:
T 1, 4880, Plg21.00000, Azm306.00000; N 0.5970,
Plg16.00000, Azm210.00000; P -2.0810, Plg63.00000,
Azm86.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 20 10:32:25.7, 0.5, 64°58'N, 0°02:17.49W, 0.02, h5km, 3km,
h5km, 3km, P, N586, ±1847/580, mb4.7/170, MS4.0/34,
34C-20D, Iceland

Main table of station data for the 932 period, including stations like IDYN, IDYN, IDYN, etc.

IKSK	Karasker	0.61 133	P	Pg	10 32 34.2	-3.2
IKSK	baz=137			Sg	10 32 43.1	-2.3
IMKO	Nikoljar	0.63 51	P	Pg	10 32 34.7	-3.2
IKAL	Kalfafell	0.64 188	P	Pg	10 32 35.8	-2.2
IKAL	baz=190			Sg	10 32 45.6	-0.7
ISVA	Svartartok	0.77 7	P	Pg	10 32 36.5	-3.9
ISVA	baz=5.7			Sg	10 32 47.4	-3.0
IVSH	V-Sauoahnukur	0.79 72	P	Pg	10 32 37.2	-3.7
IVSH	baz=74			Pg	10 32 38.1	-2.9
IFAG	Fagurholmsmyri	0.80 152	P	Pg	10 32 49.2	-2.1
IFAG	baz=155			Sg	10 32 40.1	-3.6
IHVE	Hveravellir	0.94 289	P	Pg	10 32 41.6	-2.9
ISNB	Snabylji	0.98 211	P	Pg	10 32 41.3	-4.7
IMEL	Melhnasaur	1.05 19	P	Pg	10 32 43.6	-3.1
IRJU	Rjupnatell	1.10 209	P	Pg	10 32 42.2	-4.6
IREN	Reynihlio	1.10 13	P	Pg	10 32 43.7	-3.3
IFED	Fedgar	1.11 241	P	Pg	10 32 44.7	-3.2
IFED	baz=240			Pb	10 32 43.3	-5.1
IMJO	Mjoaskard	1.15 237	P	Pg	10 32 45.4	-3.8
IKVO	Krokottuvotn	1.17 12	P	Pb	10 32 45.1	-4.1
IKVO	baz=12			Pb	10 32 45.9	-3.7
IGRS	Grimstaessir	1.21 28	P	Pb	10 32 45.5	-5.2
IHVO	Lagu-Hvolar	1.22 210	P	Pb	10 32 47.8	-3.8
IGYV	Gygjartohskotl	1.22 257	P	Pb	10 32 45.1	-4.1
IHAU	Haukadalur	1.24 241	P	Pb	10 32 45.9	-3.7
ISKI	Skjoldingahls	1.31 8	P	Pb	10 32 45.5	-5.2
IGHA	Gjrothals	1.31 15	P	Pb	10 32 47.8	-3.5
IESK	Eystri-Skogar	1.37 220	P	Pb	10 32 46.9	-5.0
IDIM	Dimmalals	1.41 9	P	Pb	10 33 05.4	-5.4
IDIM	baz=8.5			Ss	10 33 05.4	-5.4
ISAU	Saurbar	1.41 246	P	Pb	10 33 48.0	-4.0
ISAU	baz=246			Sb	10 33 07.1	-3.5
IHLA	Hella	1.42 345	P	Pb	10 32 47.5	-4.6
IHLA	baz=344			Pb	10 32 48.5	-4.8
IHED	Heoinshofoi	1.51 3	P	Pb	10 32 49.4	-4.9
IBRE	Brettingsstaoi	1.56 354	P	Pb	10 32 54.1	-4.3
IBRE	baz=353			Pb	10 32 54.8	-3.2
IASM	Asmuli	1.56 243	P	Pb	10 32 49.4	-4.9
IGIL	Gilhagi	1.58 17	P	Pb	10 32 52.1	-3.0
ISOL	Solvholt	1.64 248	P	Pb	10 32 51.6	-3.8
ISOL	baz=248			Pb	10 32 52.6	-3.2
IKRO	Krokur	1.65 275	P	Pb	10 33 16.5	-0.6
IKRO	baz=254			Pb	10 32 51.3	-4.3
BORG	Borgarnes	1.66 258	Pn	Pb	10 32 52.2	-3.3
BORG	38nm,0.3s,baz=95,slow=7.6,SNR=90			Ss	10 32 54.1	-4.3
BORG	38nm,0.3s,baz=61,slow=23,SNR=8.4			Ss	10 32 54.8	-3.8
ISIG	Sigluflourour	1.67 340	P	Pb	10 32 55.6	-4.2
ISIG	baz=338			Pb	10 33 50.9	-6.4
IHEI	Heioarbar	1.67 258	P	Pb	10 33 56.0	-1.3
IHEI	baz=258			Ss	10 35 15.5	+7.4
IBJA	Bjarnastaioir	1.78 251	P	Pb	10 35 20.5	
ISAN	Sandskeio	1.85 255	P	Pb	10 34 53.9	+6.6
ISAN	baz=255			Pb	10 35 06.1	+2.1
ILEI	Leirholt	1.88 12	P	Pb	10 35 06.1	+2.1
ILEI	baz=12			Pb	10 35 12.1	+0.9
IHRN	Hraun	1.89 325	P	Pb	10 35 08.9	-4.1
IHRN	baz=324			Pb	10 35 21.5	+0.9
IGRI	Grimsey	1.98 354	P	Pb	10 35 21.6	+0.9
IGRI	baz=353			Pb	10 35 33.8	-0.1
SCRO	Scorebysund	6.17 346	e	Pb	10 35 37.4	-0.6
SCRO	baz=156,slow=7.9			Pb	10 40 13.1	
SCO			iP	Pb	10 35 40.1	
SCO			eS	Pb	10 35 40.1	
SCO			IAML	Pb	10 35 40.1	
DBG	Daneborg	9.82 356	eP	Pb	10 34 53.9	+6.6
SUMG	Summit	11.02 326	iP	Pb	10 35 06.1	+2.1
SUMG	Summit	11.02 326	iP	Pb	10 35 06.1	+2.1
SUMG	Summit	11.02 326	iP	Pb	10 35 06.1	+2.1
EKA	Eskdalemuir Ar	11.70 136	Pn	Pb	10 35 12.1	+0.9
ESK	Eskdalemuir	11.70 136	P	Pb	10 35 08.9	-4.1
ESK	baz=322,slow=13,SNR=27			Pb	10 35 21.5	+0.9
DAG	Danmarks Havn	12.26 359	iP	Pb	10 35 21.6	+0.9
DAG	Danmarks Havn	12.26 359	iP	Pb	10 35 21.6	+0.9
DAG	Danmarks Havn	12.26 359	iP	Pb	10 35 33.8	-0.1
NC204	NORSAR Array S	13.22 91	Pn	Pb	10 35 37.4	-0.6
NOA	NORSAR Array B	13.53 92	Pn	Pb	10 40 13.1	
NOA	comp=Z,0.0nm,0.3s,baz=299,slow=13,SNR=5.7			LR	10 40 13.1	
KONO	Kongsberg	13.54 99	P	Pb	10 35 40.5	+2.4
SFJD	Kangerlussuaq	13.71 295	LR	LR	10 40 36.4	
SFJD	comp=Z,um,20.8s,baz=367,slow=36			LR	10 40 36.4	
HFS	Hagfors	15.04 93	Pn	Pb	10 36 00.2	+1.7
HFS	comp=Z,0.2nm,0.3s,baz=302,slow=13,SNR=4.5			Pb	10 36 19.9	-0.3
KBS	Kingsbay	16.72 19	eP	Pb	10 36 19.9	-0.3
SPITS	Spitsbergen Ar	16.95 23	LR	LR	10 41 15.8	
SPITS	comp=Z,0.16nm,19.9s,baz=325,slow=31			LR	10 41 15.8	
ARCES	ARCES Array B	17.16 54	LR	LR	10 41 47.0	
ARCES	comp=Z,377nm,20.5s,baz=285,slow=33			LR	10 41 47.0	
BMRD	Maredsous	18.50 130	dPn	Pb	10 36 42.7	+0.2
BMRD	comp=Z,0.0nm,0.3s,baz=299,slow=13,SNR=5.7			dPn	10 36 44.9	+0.6
BMRD	comp=Z,0.0nm,0.3s,baz=299,slow=13,SNR=5.7			dPn	10 36 43.0	-0.8
DOU	Dourbes	18.62 131	dPn	Pb	10 36 44.8	+0.4
MEM	Memnach	18.66 127	dPn	Pb	10 36 45.5	+3.6
MEM	comp=Z,0.0nm,0.3s,baz=321,slow=11,SNR=8.0			dPn	10 36 45.7	+0.6
BTNL	Ternell	18.72 127	dPn	Pb	10 36 56.1	+0.4
BTNL	comp=Z,0.1nm,0.3s,baz=321,slow=11,SNR=8.0			dPn	10 44 04.7	
FINES	FINES Array B	19.21 79	P	LR	10 36 55.8	+0.2
FINES	comp=Z,417nm,18.4s,baz=274,slow=35			LR	10 36 55.8	+0.2
FINES	FINES Array B	19.21 79	P	P	10 36 54.4	-0.1
FINES	FINES Array S	19.21 79	P	P	10 36 54.4	-0.1
FIA1	FINES Array S	19.21 79	P	P	10 36 59.8	+0.4
TULEG	Thule	19.33 328	P	Pb	10 37 02.0	+0.3
NEUB	Neuenburg	20.27 117	eP	Pb	10 37 07.2	+2.5
NEUB	comp=Z,251nm,1.3s,baz=325,slow=10			Pb	10 37 07.2	+2.5
APA	Apafity	20.37 59	iP	Pb	10 37 06.2	+0.3
APA	comp=Z,8.0nm,0.7s			Pb	10 45 17.1	
MOX	Moxa	20.66 119	eP	P	10 37 05.4	-0.6
MOX	comp=Z,26nm,1.1s,baz=325,slow=10			L	10 37 14.4	
MOX	comp=Z,687nm,19.2s			L	10 37 05.9	-0.1
CLL	Collm	20.66 116	iP	P	10 37 05.9	-0.1
CLL	comp=Z,51nm,1.5s			L	10 37 05.9	-0.1
CLL	Collm	20.66 116	eP	P	10 37 05.9	-0.1
CLL	comp=Z,29nm,1.2s			P	10 37 09.5	-0.1
CLL	Collm	20.66 116	eP	P	10 37 09.5	-0.1
PLN	Plauen	20.99 118	eP	P	10 37 10.3	-0.2
PLN	comp=Z,35nm,1.1s,baz=325,slow=10			P	10 37 10.3	-0.2
WERD	Werda	21.08 118	eP	P	10 37 10.3	-0.5
WERD	comp=Z,27nm,1.4s,baz=325,slow=10			P	10 37 10.3	-0.5
ECH	Echery	21.10 129	P	P	10 37 10.2	-0.5
ECH	comp=Z,14nm,0.9s			P	10 37 11.0	-0.3
ECH	Echery	21.10 129	P	P	10 37 11.0	-0.3
ECH	comp=Z,81nm,1.6s,baz=325,slow=10			P	10 37 11.0	-0.3
GUNZ	Gunzen	21.16 118	eP	P	10 37 11.0	-0.3
GUNZ	comp=Z,81nm,1.6s,baz=325,slow=10			P	10 37 11.0	-0.3

TANN	Tannenbergstha	21.16 118	eP	P	10 37 11.3	-0.2
TANN	comp=Z,44nm,1.5s,baz=325,slow=10			P	10 37 12.1	-0.1
WERN	Wernitzgruen	21.23 118	eP	P	10 37 10.6	-2.1
WERN	comp=Z,79nm,1.4s,baz=325,slow=10			P	10 37 28.0	
GRA1	Grabenberg Arr	21.29 121	P	IAMB	10 37 10.6	-2.1
GRA1	comp=Z,34nm,1.0s			P	10 37 10.6	-2.1
GRF	Grabenberg Arr	21.29 121	P	P	10 37 12.8	+0.1
GRF	comp=Z,34nm,1.0s			P	10 47 17.8	
GRF	Grabenberg Arr	21.29 121	eP	P	10 37 13.2	+0.2
GRF	comp=Z,26nm,1.1s,baz=325,slow=10			L	10 37 13.2	+0.2
GRF	comp=Z,419nm,18.3s			L	10 37 10.7	-2.4
NKC	Novy Kostel	21.31 118	eP	P	10 37 13.3	-0.3
NKC	Novy Kostel	21.31 118	eP	P	10 37 13.3	-0.3
STU	Stuttgart	21.32 125	P	P	10 37 10.7	-2.4
STU	comp=Z,28nm,0.8s			P	10 37 10.7	-2.4
STU	Stuttgart	21.32 125	P	IAMB	10 37 13.3	-0.3
BRG	Berggiesshubel	21.37 115	iP	P	10 37 13.3	-0.3
BRG	comp=Z,44nm,1.4s			P	10 37 13.3	-0.3
BRG	Berggiesshubel	21.37 115	iP	P	10 37 13.3	-0.3
BRG	comp=Z,44nm,1.4s			P	10 37 13.3	-0.3
BRG	Berggiesshubel	21.37 115	eP	P	10 37 13.3	-0.3
BRG	comp=Z,28nm,1.1s,baz=325,slow=10			P	10 37 13.9	-0.1
BFO	Black Forest	21.39 127	P	P	10 37 13.9	-0.1
BFO	comp=Z,40nm,1.3s			P	10 37 13.9	-0.1
BFO	Black Forest	21.39 127	P	IAMB	10 37 13.8	
BFO	comp=Z,40nm,1.3s			P	10 37 14.5	+0.6
BFO	Black Forest	21.39 127	eP	P	10 37 15.8	+0.2
VSU	Vasula	21.57 86	eP	P	10 37 15.7	0.0
VSU	comp=Z,4.1nm,0.9s,baz=67,slow=16,SNR=7.2			P	10 37 15.9	-0.1
VSU	Vasula	21.57 86	eP	P	10 37 16.6	-1.3
VSU	comp=Z,4.1nm,0.9s,baz=67,slow=16,SNR=7.2			P	10 45 27.3	
ROTZ	Rotzenmuhle	21.59 119	eP	P	10 37 22.6	+0.2
ROTZ	comp=Z,165nm,2.5s,baz=325,slow=10			P	10 37 24.0	+0.3
FRB	Froscher Bay	21.78 291	P	P	10 37 24.0	+0.3
FRB	comp=Z,4.1nm,0.9s,baz=67,slow=16,SNR=7.2			P	10 37 25.4	+1.1
FRB	Froscher Bay	21.78 291	P	P	10 37 22.6	+0.2
PABE	Paberze	22.20 95	eP	P	10 37 26.8	+0.8
PRU	Pruhonice	22.31 116	eP	P	10 37 26.8	+0.8
PRU	Pruhonic	22.31 116	eP	P	10 37 26.8	+0.8
PUL	Pulkovo	22.37 80	iP	P	10 37 26.8	+0.8
PUL	comp=Z,26nm,0.6s			P	10 37 27.1	-0.1
CHVC	Chvalce	22.43 113	eP	P	10 37 26.8	+0.8
UPC	Udice	22.48 113	eP	P	10 37 26.8	+0.8
UPC	Udice	22.48 113	eP	P	10 37 26.8	+0.8
OStC	Ostas	22.52 112	eP	P	10 37 27.1	-0.1
KHC	Kasperske Hory	22.63 118	eP	P	10 37 26.7	-0.5
KHC	comp=Z,29nm,1.0s			P	10 37 24.9	-2.3
KHC	Kasperske Hory	22.63 118	eP	P	10 37 39.0	
KHC	Kasperske Hory	22.63 118	eP	IAMB	10 37 27.9	-0.3
DPC	Dobruska-Polom	22.72 113	eP	P	10 37 27.9	-0.3
DPC	Dobruska-Polom	22.72 113	eP	P	10 37 29.1	+0.3
SENIN	Lac Senin/Sane	22.77 131	P	P	10 37 30.4	+1.0
DAVA	Damuels	22.83 126	eP	P	10 37 30.3	+0.4
SSB	Saint Sauveur	22.89 137	P	P	10 37 30.3	+0.4
SSB	comp=Z,20nm,1.1s			P	10 37 30.3	+0.4
SSB	Saint Sauveur	22.89 137	P	IAMB	10 37 43.4	
SSB	comp=Z,20nm,1.1s			P	10 37 28.4	-1.8
GE2C	GERESS Array S	22.91 118	P	P	10 37 39.1	

20d 10h

Table with columns: BRTR, Keskin Array B, 38.45 105 P, 10 39 49.0+0.7, etc. Lists various radio stations and their frequencies.

2015 JAN

Table with columns: IL31, IL31, 45.76 332 P, 10 40 49.4+2.0, etc. Lists various radio stations and their frequencies.

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Table with columns: BOZ, Bozeman (W), 51.65 297 P, 10 41 32.9 -0.2, etc. Lists various radio stations and their frequencies.

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like SDCO Great Sand Dun, S22A 4UR Ranch, PV22 Blue Mesa, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like TUC Tucson, HEC Hector, ISA Isabella, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like mb5.0/6, NEIC 20 11:10:41, IDC 20 11:10:41, etc.

20d 12h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SONM Songino Array, SONM Songino Array, SEY Seymchan, RKT Rikitea, LSA Lhasa, YAK Yakutsk, VDA Vanda, VDA Vanda, VDA Taplejung, ODAN Odare, RAMN Ramite, GUN Gumba, PKI Pulchoki, PKIN Phulchoki, KKN Kakani, DMN Damani, DANN Dangsing, ANM Nome, WMQ Urumqi, WMQ Urumqi, TTA Talatina, HYB Hyderabad, RCAF Captain Cook N, CP01 Rabbit Creek A, ZSN Zaisan, INMR Indian Mountain, INRD Reindeer, MCK McKinley, MLY Manley, M24K Tolsona, Glenn, I23K Minto, Yukon-K, N25K Chitina, Valde, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, TCOL CIGO, UAF Yank, COLA College, HDA Harding Lake, IL31 Elsieon Array, ILAR Elsieon Array, ILAR Elsieon Array, ILAR Elsieon Array, COLD Coldfoot, POO Poona, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, DOT Dot Lake, SHLS Shalkode, SCRK Sand Creek, QSPA South Pole Qui, QSPA South Pole Qui, KPKS Kokpek, BCAR Beaver Creek A, SATY Saty, K27K Chicken, TDK Taldygorghan, MAW Mawson, BMAR Burnt Mountain, EGAK Eagle, KSH Kashi, KSH Kashi, MDOK Medeo, KUU Kurty, KURK Kurchatov, NIL Nirole, EPYK Eagle Plains, EPYK Eagle Plains, L04D Klamath Falls, INK Inuvik, H04D Lebanon, O03E Paynes Creek, M04C Macdoel, J04D Umpqua Nationa, D03D Eldon, D04E Lakebay, IKAR Karatay Array, IUG Iuzhnan, SNCC San Nicolas Is, J05D Fort Rock, OR, J05D Terrebonne, OR, G05D Wamic, OR, PNTR Pine Nut, PNTR Pine Nut, YES Vestal, Richgr, MDPB Devils Postpil, MDPB Devils Postpil, PAHR Pah Rah Range, PAHR Pah Rah Range, ISA Isabella, Lake

2015 JAN

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MWC Mount Wilson, LHV Little Hooton, EDW2 Edwards Air Fo, RYN Ryan, CWC Cottonwood, NVAR Mina Array Bea, BFSC Mount Baldy Ra, NV11 Mina Array Sit, LRMC Laurel Mt Rad, MURC Murieta, 109C Camp Elliot, M, MPMC Manual Prospec, BBRC Big Bear Solar, BBRC Birch Farm, TPH Tonopah, GSC Goldstone, FURC Furnace Creek, MONP2 Monument Peak, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, TPFO Pinon Flats, C36M Paulatuk, IKP In-Ko-Pah, Jac, HEC Hector Ludlow, SHOC Shoshone, Teco, BELC Belle Mtn, Jos, SWSC Sam W. Stewart, TPNV Topopah Spring, TPNV Topopah Spring, F10A Beach Ranch, E, GMCR Granite Mounta, BC3 Big Chuckawall, NEW Newport, NEW Newport, IRM Iron Mountain, R11A Troy Canyon, C, R11A Troy Canyon, C, GLA Glamis, SHPR Sheep Range, PRN Pahroc Range, ELK Elko, NEE2 Needles Airpor, PDMO Parker Dam, Lak, W13A Hulapai Mount, HLID Hailey, PSUT Pine Spring, LCMT Little Creek M, YKA Yellowknife Ar, YKA Yellowknife Ar, U15A North Rim, U15A North Rim, BOZ Bozeman (W), W18A Petrified Fore, EGM2 Eagleton, BW06 Boulder Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, WMOI Wichita Mountain, BOSB Boshof, SSPA Standing Stone, LSZ Lusaka, G58A Ormstown, J58A Geres, GERE5 Geres Array B, GERE5 Geres Array B, CPUP Uila Florida, BDFB Brasilia, BDFB Brasilia, TOAO Torodi Ar. Sit, TOAO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, KOWA Kowa, KIC Kusan Boka, DBIC Dimbokro, TIC Toumudi, LIC Lamto

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Honiara, PATS Pohneh, SANVU Saroutout, CTA Charters Tower, CTAO Charters Tower, WRA Warrungama Arr, WMSF Monsauv, ASAR Alice Springs, STKA Stephens Creek, URZ Urewera, BKZ Black Stump Fm, TUWZ Tuamarina, BFZ Birch Farm, BHW Baring Head, YULB Yu-lu, TPUB Ta-pu, SSSL Sialunglung, JNU Nakatsue, JNU Nakatsue, MJAR Matsushiro Arr, KRSR Korea Array, KLR Kuldur, PETK Petropavlovsk, CMAR Chiang Mai Arr, SONM Songino Array, SONM Songino Array, SHL Shilling, LSA Lhasa, MKAR Makanchi Array, MKAR Makanchi Array, ILAR Eilsion Array, ZALV Zalesovo Beam, NSAR South Pole Qui, NVAR Mina Array Bea, YKA Yellowknife Ar, PDAR Pinedale Array, BOSB Boshof, TORO Torodi Ar. Bea, IDC 20 12:15:10.6:5.9, IDC 20 12:15:11.2:1.2, SLM 20 12:27:33.6:0.7, NEIC 20 12:27:33.0:0.8, CHRM Charleston, DWHM Dogwood, EPRM East Prairie, EPRM East Prairie, HENM Henderson Moun, CGM3 Cape Girardeau, WATM Matthews, T45A Paducah, T45B Paducah, KEWM Kawneze, SJJMO Saint John's B, HICK Hickman, GUAMO Guam, COKM Charter Oak, NMMO New Madrid, CATM Catron, WALK Watson Lake, PARMA Parma, S44A Carbondale, S44A Carbondale, SIUC Southern Illin, FLPT Filippi, PEMO Penman, GLAT Glass, LNXT Lenox, LNXT Lenox, PBMO Poplar Bluff, PBMO Poplar Bluff, PEBM Pemiscott Bayo, GWR Gosnell, WNV Waverly, WVT Waverly, USIN University of

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Van Buren, Meyer Farm, Cathedral Cave, etc.

SKHL 20 12:46:36.0E, 1.0, 47.98N; 155.34E, h50km, 5km, mb5.6/4, Ms4.3/7, ms15.5/3

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations and their associated data points.

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Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations and their associated data points.

20d 12h

Table with columns for station name, frequency, power, and signal strength. Includes stations like IMAR, SONM, SONM, etc.

2015 JAN

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

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Table with columns for station name, frequency, power, and signal strength. Includes stations like FCC, EGMT, BOZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like OJC, OJoc, Ojocw, OJCS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like BGES, BGES, MGRy, Hungar, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like AC04, Llanos de Chal, El Transito, etc.

ANMO	comp=N,81nm,21.7s,baz=278,slow=36	LR	LR	13 28 37.5	
ANMO	Albuquerque	11.90	92 P	Pn	13 24 27.4 +0.7
ANMO	Albuquerque	11.90	92 Pn	Pn	13 24 26.3 -0.4
B05A	Bryant	11.94	356 P	Pn	13 24 30.2 +3.2
B08A	Colville Reser	12.07	5 Pn	Pn	13 24 27.0 -1.8
NEW	Newport	12.25	12 Pn	Pn	13 24 36.1 +4.9
NEW	comp=N,0.9nm,0.3s,baz=189,slow=12,SNR=24	LR	LR	13 29 29.2	
NEW	Newport	12.25	12 P	Pn	13 24 35.5 +4.2
PGC	Sidner	12.43	352 Pn	Pn	13 24 32.0 -1.7
SDCO	Great Sand Dun	12.45	79 Pn	Pn	13 24 36.8 +2.5
ISCO	Idaho Springs	12.60	69 P	Pn	13 24 36.6 +0.3
N23A	Red Feather La	12.61	64 P	Pn	13 24 38.1 +1.7
N23A	Red Feather La	12.61	64 Pn	Pn	13 24 34.9 -1.5
K22A	Casper	12.82	56 P	Pn	13 24 41.4 +2.3
T25A	Trinidad	13.32	82 P	Pn	13 24 47.5 +1.4
WALA	Waterton Lakes	13.72	20 Pn	Pn	13 24 50.6 -0.8
MNTX	Cornudas Mount	13.74	105 P	Pn	13 24 52.6 +0.9
EGMT	Eagleton	14.32	32 P	Pn	13 25 01.9 +2.4
KSCD	Kaye Shedlock	14.78	74 P	Pn	13 25 07.8 +1.9
RSSD	Black Hills	15.08	54 P	Pn	13 25 12.3 +2.3
RSSD	Black Hills	15.08	54 Pn	Pn	13 25 07.5 -2.5
MSTX	Muleshoe	15.09	94 P	Pn	13 25 11.4 +1.3
LAO	LASA Array	15.11	42 P	Pn	13 25 11.4 +1.1
LPIG	La Paz	15.28	140 LR	LR	13 31 19.4
SLBS	Sierra La Lagu	15.81	140 Pn	Pn	13 25 20.5 +0.9
TX31	Lajitas Ar. Si	16.13	111 Iamb	Iamb	13 25 22.9 -0.8
TX31	comp=Z,66nm,1.3s	16.14	111 P	P	13 25 23.0 -0.7
TXAR	Lajitas Array	16.14	111 Pn	Pn	13 25 26.4 -0.7
TXAR	comp=Z,0.4nm,0.3s,baz=302,slow=2.0,SNR=35	16.14	111 P	P	13 30 19.6 +0.2
TXAR	Lajitas Array	16.14	111 P	P	13 25 26.8 -0.3
DGMT	Dagmar	17.29	40 P	P	13 25 40.0 +0.3
ABTX	Abilene, Hawle	17.98	96 P	P	13 25 47.2 -0.1
ABTX	Abilene, Hawle	17.98	96 Pn	Pn	13 25 46.3 -0.5
WMOK	Wichita Mounta	18.14	89 P	P	13 25 49.4 +0.3
WMOK	Wichita Mounta	18.14	89 Pn	Pn	13 25 48.3 -0.5
E28A	Huff	18.28	50 Iamb	Iamb	13 25 49.5 -0.9
JCT	comp=Z,7.0nm,1.2s	18.61	102 P	P	13 25 55.1 +0.5
JCT	Junction City	18.61	102 P	P	13 25 53.2 -1.2
KAN01	Argonia South	18.63	81 Iamb	Iamb	13 25 53.9 -0.6
KAN01	comp=Z,36nm,1.0s	18.63	81 P	P	13 26 01.2
KAN13	South Haven SW	18.86	81 P	P	13 25 56.3 -0.8
OK029	Liberty Lake	19.25	75 P	Pn	13 25 58.3 +0.3
KSU1	Kansas State U	19.46	75 Pn	Pn	13 26 04.8 -0.1
KSU1	Kansas State U	19.46	75 P	P	13 26 02.7 -1.0
OK031	S. Brethren Rd	19.50	84 P	Iamb	13 26 03.4 -0.6
OK031	comp=Z,26nm,0.7s	19.50	84 Iamb	Iamb	13 26 12.2
MDND	Maddock	19.52	47 P	Pn	13 26 05.9 +0.4
OK030	Cody Creek RV	19.55	84 P	Iamb	13 26 03.4 -0.2
OK030	comp=Z,32nm,0.7s	19.55	84 Iamb	Iamb	13 26 12.8
W35A	Tecumseh	19.60	86 P	P	13 26 04.5 -0.7
T35A	Sooner Cattle	19.64	81 P	P	13 26 04.9 -0.7
833A	Chaparral WMA	19.89	108 P	P	13 26 08.8 +0.4
833A	Chaparral WMA	19.89	108 P	P	13 26 08.4 +0.0
WHTX	Lake Whitney	19.93	96 P	P	13 26 09.5 +0.7
WHTX	Lake Whitney	19.93	96 Pn	Pn	13 26 08.3 -0.5
ECSD	EROS Data Cent	20.02	61 P	P	13 26 05.1 +0.7
TUL1	Leonard	20.34	84 P	P	13 26 09.3 -0.4
TUL1	Leonard	20.34	84 P	P	13 26 13.7 +0.4
TUL1	Leonard	20.34	84 P	Iamb	13 26 13.0 -0.3
F33A	5 Mile Ranch	20.82	55 P	P	13 26 17.8 -0.5
X37A	Clayton	20.92	87 P	Iamb	13 26 19.5 -0.1
X37A	comp=Z,42nm,0.9s	20.92	87 Iamb	Iamb	13 26 29.6
237A	Washetta, Mont	21.25	94 P	P	13 26 23.2 +0.1
237A	comp=Z,18nm,0.7s	21.25	94 Iamb	Iamb	13 26 30.0
U38A	Gravette	21.39	82 P	P	13 26 24.5 -0.1
U38A	comp=Z,22nm,0.8s	21.39	82 Iamb	Iamb	13 26 33.2
Z38A	Mt. Pleasant	21.55	91 P	P	13 26 26.1 -0.2
IHHAR	Hobbs	21.77	82 P	P	13 26 28.3 +0.4
AGMN	Agassiz Nation	21.98	49 P	P	13 26 31.5 +0.8
AGMN	Agassiz Nation	21.98	49 P	P	13 26 29.7 -1.1
AGMN	comp=Z,17nm,0.8s	21.98	49 Iamb	Iamb	13 26 35.0
W39A	Magazine	22.08	85 P	P	13 26 31.8 -0.1
NATX	Nacogdoches	22.26	94 P	Iamb	13 26 33.9 +0.0
NATX	comp=Z,21nm,0.8s	22.26	94 Iamb	Iamb	13 26 35.8
MIAR	Mount Ida	22.38	86 P	P	13 26 35.2 +0.0
MIAR	Mount Ida	22.38	86 P	Iamb	13 26 35.0 -0.2
K38A	Parkersburg	22.60	65 P	P	13 26 36.0 -1.5
K38A	comp=Z,40nm,0.8s	22.60	65 Iamb	Iamb	13 27 05.0
U40A	Yellville	22.63	82 P	P	13 26 37.9 +0.0
U40A	Yellville	22.63	82 P	P	13 26 36.9 -1.0
F36A	Milaca	22.68	57 P	P	13 26 37.0 -1.3
ULM	Lac du Bonnet	22.82	45 P	P	13 26 40.9 +1.1
ULM	comp=Z,14nm,0.8s,baz=245,slow=10,SNR=20	22.82	45 P	P	13 30 30.9 +0.1
ULM	comp=Z,0.9nm,0.5s,baz=265,slow=4.1,SNR=3.3	22.82	45 LR	LR	13 35 55.2
ULM	comp=Z,235nm,22.0s,baz=272,slow=38	22.82	45 P	P	13 26 38.2 -1.5
ULM	Lac du Bonnet	22.82	45 Iamb	Iamb	13 26 43.2
R40A	Maddies State	22.89	76 P	P	13 26 39.5 -1.1
DLBC	Dease Lake	22.90	348 P	P	13 26 41.5 +0.9
DLBC	comp=Z,4.7nm,1.0s,baz=221,slow=10,SNR=3.7	22.90	348 LR	LR	13 35 41.3
DLBC	Dease Lake	22.90	348 Iamb	Iamb	13 26 58.0
P40A	Paris	23.00	73 P	P	13 26 41.1 -0.6
P40A	comp=Z,22nm,1.2s	23.00	73 Iamb	Iamb	13 26 48.8
WHAR	Woolly Hollow	23.26	84 P	P	13 26 43.5 -0.9
FCAR	Ozark Folk Cen	23.29	82 P	P	13 26 43.3 -0.9
W41B	Gary Mavity, V	23.32	84 P	P	13 26 44.9 -0.1
B35A	Bob, Littlefor	23.32	51 P	P	13 26 43.8 -1.1
L40A	Anamosa	23.69	67 P	Iamb	13 26 47.7 -0.9
L40A	comp=Z,26nm,0.9s	23.69	67 Iamb	Iamb	13 27 02.1
CCM	Cathedral Cave	23.71	77 P	P	13 26 49.5 +0.7
N41A	Harden Midland	23.91	70 P	P	13 26 50.4 -0.4
T42A	Van Buren	23.94	79 P	P	13 26 50.2 -0.9
T42A	comp=Z,18nm,0.8s	23.94	79 Iamb	Iamb	13 26 56.7
E38A	The Farm, Brul	24.19	56 P	P	13 26 52.9 -0.4

E38A	comp=Z,17nm,0.8s	24.32	63 P	P	13 27 01.9
I40A	Norwalk	24.32	63 P	P	13 26 54.2 -0.4
JFWS	Jewell Farm	24.48	65 P	P	13 26 56.1 +0.1
JFWS	Jewell Farm	24.48	65 P	P	13 26 55.3 -0.7
JFWS	comp=Z,21nm,0.9s	24.48	65 Iamb	Iamb	13 27 05.1
PBMF	Poplar Bluff	24.50	80 P	P	13 26 55.2 -1.1
EYMN	Ely	24.60	53 P	P	13 26 57.7 +0.7
EYMN	Ely	24.60	53 P	P	13 26 55.6 -1.5
EYMN	comp=Z,32nm,1.4s	24.60	53 Iamb	Iamb	13 27 01.7
G40A	Rib Lake	24.83	59 P	P	13 26 59.2 0.0
G40A	comp=Z,21nm,1.2s	24.84	67 P	P	13 26 58.0 -1.3
L42A	Oliver, Polo	24.84	67 P	P	13 26 58.6 -1.7
P43A	Skaggs, Pawnee	24.95	73 P	P	13 27 03.4 -0.8
O44A	Meyer Farm, Va	25.38	75 P	P	13 26 56.5 +0.2
HALT	Halls	25.51	81 P	P	13 27 07.8 +0.3
OXF	Oxford	25.74	85 P	P	13 27 07.8 +0.3
OXF	Oxford	25.74	85 P	P	13 27 07.1 -0.4
YKA	Yellowknife Ar	26.48	7 P	P	13 27 14.0 +0.1
YKA	comp=Z,0.9nm,0.8s,baz=185,slow=9.4,SNR=25	26.48	7 P	P	13 30 39.1 +0.5
YKA	comp=Z,1.2nm,0.5s,baz=143,slow=2.3,SNR=20	26.48	7 P	P	13 38 55.3
WYT	Waverly	26.67	81 P	P	13 27 16.1 +0.1
PLAL	Pickwick Lake	26.70	83 P	Iamb	13 27 14.8 -1.4
PLAL	comp=Z,11nm,0.9s	26.78	71 P	P	13 27 25.5
SFIN	Lafayette	26.78	71 P	P	13 27 16.6 -0.3
E43A	Lone Tree Farm	27.22	58 P	Iamb	13 27 20.7 -0.1
E43A	comp=Z,9.0nm,0.8s	27.22	58 Iamb	Iamb	13 27 29.8
X48A	Hartselle	27.65	84 P	P	13 27 24.2 0.0
X48A	comp=Z,13nm,1.1s	27.65	84 Iamb	Iamb	13 27 29.4
N47A	Urbana	27.83	70 P	P	13 27 25.5 -0.8
N47A	comp=Z,12nm,0.8s	27.83	70 Iamb	Iamb	13 27 31.6
CLTN	Cedars of Leba	27.87	80 P	Iamb	13 27 26.3 -0.4
CLTN	comp=Z,14nm,1.1s	27.87	80 Iamb	Iamb	13 27 32.3
TGL	Tana Glacier	28.12	337 P	P	13 27 28.3 -0.5
TGL	comp=Z,17nm,0.9s	28.12	337 P	P	13 27 35.1
CROM	Circus	28.21	337 P	P	13 27 27.6 -2.1
FCC	Fort Churchill	28.50	30 P	Iamb	13 27 31.4 -0.7
FCC	comp=Z,14nm,1.1s	28.50	30 Iamb	Iamb	13 27 39.2
VRDI	Verde Repeater	28.68	337 P	Iamb	13 27 32.7 -1.2
VRDI	comp=Z,23nm,1.5s	28.68	337 Iamb	Iamb	13 27 57.7
FPAL	Fort Paine	28.78	83 P	P	13 27 34.3 -0.6
W50A	Signal Mountai	28.87	82 P	Iamb	13 27 35.5 -0.1
W50A	comp=Z,25nm,1.4s	28.87	82 Iamb	Iamb	13 27 41.2
O49A	Covington	28.90	71 P	Iamb	13 27 35.1 -0.7
O49A	comp=Z,13nm,0.6s	28.90	71 P	P	13 27 36.3 -0.2
N46A	Columbus Grove	28.97	70 P	Iamb	13 27 41.7 -0.1
N46A	Sault Ste Mari	29.07	58 P	Iamb	13 27 49.3
Z51A	Franklin	29.45	85 P	P	13 27 40.7 0.0
Z51A	comp=Z,14nm,0.8s	29.45	85 Iamb	Iamb	13 27 46.6
V51A	Loudon	29.50	80 P	Iamb	13 27 40.8 -0.4
V51A	comp=Z,12nm,0.8s	29.50	80 Iamb	Iamb	13 27 46.9
S51A	Beattyville	29.77	76 P	P	13 27 42.9 -0.7
ACSO	Alum Creek Sta	29.93	71 P	P	13 27 45.5 +0.6
ACSO	comp=Z,200nm,18.5s,baz=127,slow=32	29.93	71 P	P	13 27 47.7 -0.1
KDCK	Kodiak Island	29.93	326 LR	LR	13 27 29.0
TKL	Tuckaleechee C	30.00	80 P	P	13 27 45.3 -0.3
TKL	Tuckaleechee C	30.00	80 P	P	13 27 50.6 -0.4
TKL	comp=Z,14nm,0.8s	30.00	80 Iamb	Iamb	13 27 45.3 -0.3
CMIG	Matias Romero	30.03	123 P	P	13 27 45.6 -0.4
CMIG	comp=Z,2.5nm,0.7s,baz=308,slow=5.8,SNR=3.8	30.03	123 LR	LR	13 40 48.4
CMIG	comp=Z,333nm,18.9s,baz=278,slow=38	30.03	123 P	P	13 27 53.1 +2.6
HOM	Home	30.58	329 P	P	13 27 52.2 -0.2
V53A	Saluda	30.76	80 P	Iamb	13 27 57.1
V53A	comp=Z,16nm,1.2s	30.76	80 Iamb	Iamb	13 27 57.2 0.0
GOGA	Godfrey	30.79	84 P	Iamb	13 27 58.2
GOGA	comp=Z,6.3nm,0.8s	30.79	84 P	P	13 27 52.3 -0.5
O52A	Adamsville	30.81	71 P	P	13 27 56.1 +2.0
SCRK	Sand Creek	30.98	340 P	P	13 27 56.0 -0.2
O53A	Leroy	31.20	73 P	P	13 27 56.0 -0.2
P53A	Whipple	31.22	72 P	Iamb	13 27 56.2 -0.2
P53A	comp=Z,14nm,0.9s	31.22	72 Iamb	Iamb	13 27 57.6
O53A	New Philadelph	31.27	71 P	P	13 27 56.4 -0.5
U54A	Nelsons Funny	31.36	78 P	P	13 27 57.7 -1.0
EPYK	Eagle Plains	31.44	348 P	P	13 27 59.3 +1.2
S54A	Dingess, Beckl	31.53	75 P	P	13 27 59.2 +0.1
M53A	WI Miller and	31.58	68 P	P	13 27 58.9 -0.7
R54A	Victor	31.72	74 P	P	13 28 00.8 0.0
R54A	comp=Z,27nm,0.8s	31.72	74 P	P	13 28 02.9 +1.9
KMSC	Kings Mountain	32.05	80 P	P	13 28 03.7 -0.1
KMSC	Kings Mountain	32.05	80 P	P	13 28 03.6 -0.2
KMSC	Kings Mountain	32.05	80 P	Iamb	13 28 08.9
N54A	Moraine State	32.13	69 P	P	13 28 04.0 -0.4
HDA	Harding Lake	32.14	339 P	P	13 28 05.8 +1.6
MCK	McKinley	32.25	337 P	P	13 28 07.2 +2.0

20d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI, KDU, NWA0, H01W3, etc.

2015 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, JNU, JMU, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, ABKAR, MAW, etc.

057A	Amberson	145.33	0	P	PKPbc	14 54 25.8	-0.1
P48A	Miroy	145.33	11		PKPbc	14 54 25.3	-0.5
P49A	Miami Univ. Ec	145.38	10	P	PKPbc	14 54 25.5	-0.5
P49A	Miami Univ. Ec	145.38	10	P	PKPbc	14 54 25.3	-0.8
BLO	Bloomington	145.39	12		PKPbc	14 54 25.9	-0.3
W35A	Tecumseh	145.39	29		PKPbc	14 54 25.9	-0.3
058A	Lewisberry	145.41	359	P	PKPbc	14 54 26.1	0.0
U38A	Gravette	145.42	24		PKPbc	14 54 25.8	-0.5
PSUB	Penn St. - Bra	145.56	357		PKPdf	14 54 25.7	-0.7
MGMO	Mountain Grove	145.61	21		PKPdf	14 54 26.3	-0.4
P52A	Corning	145.65	6	P	PKPdf	14 54 26.5	-0.1
252A	Corning	145.65	6		PKPdf	14 54 26.3	-0.3
TX31	Lajitas Ar. Si	145.66	43		PKPab	14 54 28.4	+0.7
TX32	Lajitas Array	145.66	43		PKPbc	14 54 28.4	+0.7
TXAR	Lajitas Array	145.66	43		PKPab	14 54 28.6	+0.9
TXAR	comp=Z,24nm,0.6s,baz=292,slow=1.9,SNR=229				pPKPbc	14 54 28.0	-0.4
TXAR	comp=Z,18nm,0.8s,baz=292,slow=1.9,SNR=13				PKPab	14 54 27.9	+0.2
TXAR	Lajitas Array	145.66	43		PKPbc	14 54 27.0	0.0
P60A	Greenville	145.69	357	P	PKPbc	14 54 27.0	0.0
P60A	Greenville	145.69	357	P	PKPdf	14 54 25.8	-0.9
HHAR	Hobbs	145.74	24		PKPdf	14 54 26.1	-0.8
MCWV	Mont Chateau	145.81	3	P	PKPdf	14 54 27.6	-0.2
P53A	Whipple	145.87	5		PKPdf	14 54 26.2	-0.8
ABTX	Abilene, Hawle	145.92	35	P	PKPab	14 54 28.6	+0.1
P59A	Jarrettsville	145.92	359	P	PKPbc	14 54 27.8	+0.1
P56A	Dayton Farm, R	146.01	2	P	PKPab	14 54 28.5	0.0
P58A	Pank, Wackersv	146.05	360	P	PKPbc	14 54 28.3	+0.2
P57A	Homestead Farm	146.05	1	P	PKPab	14 54 28.5	-0.2
SUC	Southern Illin	146.09	17		PKPbc	14 54 28.1	-0.2
U40A	Yellville	146.10	23	P	PKPbc	14 54 28.3	-0.1
U40A	Yellville	146.10	23	P	PKPdf	14 54 27.9	+0.4
U40A	Yellville	146.10	23	P	PKPdf	14 54 27.2	-0.5
Q52A	Bydowette Cave	146.13	14	P	PKPbc	14 54 29.3	+0.2
WCI	Wyandotte Cave	146.34	13		PKPdf	14 54 28.2	+0.4
054A	Coxs Mill	146.42	6		PKPdf	14 54 27.7	-0.2
057A	Strasburg	146.49	1	P	PKPbc	14 54 29.4	-0.1
X37A	Clayton	146.56	27		PKPbc	14 54 29.3	-0.5
PBMO	Poplar Bluff	146.58	19		PKPbc	14 54 29.3	-0.5
FCAR	Czark Folk Cen	146.58	17		PKPdf	14 54 29.8	+0.6
R55A	Hurtcane	146.66	6		PKPdf	14 54 30.9	+0.6
R55A	Marlington	146.66	6		PKPbc	14 54 30.9	+0.6
R57A	Stanardsville	147.23	1	P	PKPbc	14 54 31.4	-0.2
R58A	Rapidan	147.24	1	P	PKPbc	14 54 31.9	+0.3
WHAR	Wooley Hollow	147.26	23	P	PKPbc	14 54 30.8	-0.9
JCT	Junction City	147.38	37	P	PKPbc	14 54 33.0	+0.7
JCT	Junction City	147.38	37	P	PKPbc	14 54 32.9	+0.6
MIAR	Mount Ida	147.39	25	P	PKPbc	14 54 32.7	+0.6
MIAR	Mount Ida	147.39	25	P	PKPdf	14 54 28.8	-0.9
S57A	Dark Hollow, R	147.45	2	P	PKPbc	14 54 33.8	+0.8
S58A	Poland Farm, P	147.92	1	P	PKPbc	14 54 34.0	+0.6
WVT	Waverly	147.96	16	P	PKPbc	14 54 33.9	+0.3
WVT	Waverly	147.96	16	P	PKPbc	14 54 33.0	-0.6
U49A	Red Boiling Sp	148.10	13		PKPbc	14 54 33.4	-0.7
CLTN	Cedars of Leba	148.38	14		PKPbc	14 54 34.3	-0.5
W45A	Hickory Valley	148.47	19		PKPab	14 54 37.8	-0.5
TZTN	Tazewell	148.50	9	P	PKPbc	14 54 35.3	+0.2
T59A	Double "B" Far	148.56	0	P	PKPbc	14 54 35.9	+0.7
T58A	Grand View Acr	148.57	2	P	PKPbc	14 54 36.2	-0.6
V48A	Smith Brothers	148.59	15		PKPbc	14 54 35.3	-0.1
PLAL	Pickwick Lake	148.97	17		PKPab	14 54 39.6	-0.7
U57A	Bianch	149.06	3	P	PKPbc	14 54 37.0	+0.6
U58A	Oxford	149.12	2	P	PKPbc	14 54 37.7	-0.2
SWET	Sewanee	149.31	14		PKPbc	14 54 36.7	-0.6
W50A	Signal Mountai	149.47	13		PKPdf	14 54 31.7	-1.5
V57A	Coltrane Farms	149.57	4	P	PKPbc	14 54 38.2	+0.5
X48A	Hartselle	149.75	16		PKPbc	14 54 37.3	-1.0
V59A	Middlesex	149.76	1	P	PKPbc	14 54 39.1	-0.1
BG3	Lake Jocassee	150.11	9		PKPab	14 54 44.9	-0.1
KM5C	Kings Mountain	150.18	6	P	PKPbc	14 54 40.1	-0.1
W56A	Indian Trail	150.26	5	P	PKPbc	14 54 39.9	-0.3
Y49A	Blount Mountai	150.48	15		PKPbc	14 54 39.9	-0.2
Y52A	Lilburn	151.01	11		PKPab	14 54 48.7	0.0
GOGA	Godfrey	151.57	11		PKPab	14 54 50.7	-0.3

JHU	Hachioji jima 2	3.67 205	Pn	Pn	14 36 01.6	-0.9
JHU	51nm,0.3s,baz=90,slow=21,SNR=18				14 36 43.6	-2.7
JHU	26nm,0.3s,baz=70,slow=23,SNR=6.8				14 36 48.6	
INU	Inuyama	3.92 255	Pn	Pn	14 36 07.4	+1.4
JTM	Temabayashi	4.34 354	Pn	Pn	14 36 13.0	+1.2
JHT	Wachi	5.21 259	Pn	Pn	14 36 24.1	+0.5
ERM	Erinno	5.67 11	Pn	Pn	14 36 29.9	-2.0
JWS	Saijyo	7.09 261	Pn	Pn	14 36 48.8	-0.7
ASAJ	Asahikawa	7.68 5	Pn	Pn	14 36 57.8	+0.2
JKA	Kamikawa-asahi	7.68 5	Pn	Pn	14 36 57.8	+0.2
JCJ	Chikijima	9.35 177	LR	LR	14 41 31.6	
USRK	Ussuriysk Ar.	10.68 319	Pn	Pn	14 37 40.2	+1.6
USRK	comp=Z,4nm,0.7s,baz=198,slow=6.4,SNR=26				14 41 20.4	
USRK	comp=Z,80nm,18.5s,baz=115,slow=35				14 47 43.0	-0.5
KSRS	Korea Array	11.03 279	Pn	Pn	14 47 43.0	-0.5
KLR	Kulruds	14.67 334	LR	LR	14 43 59.2	
PETK	Petropavlovsk-	20.09 29	P	P	14 39 38.6	-0.8
PETK	comp=Z,93nm,22.0s,baz=162,slow=35				14 46 43.5	
HHC	Hu-ho-hao-te	23.84 290	pmax	pmax	14 40 18.3	-1.0
HHC	comp=Z,14nm,0.7s					
YAK	Yakutsk	26.67 347	P	P	14 40 46.8	+2.1
YAK	Yakutsk	26.67 347	P	P	14 40 44.9	+0.2
SEY	Seymchan	27.32 11	P	P	14 40 52.6	+2.1
H1N2	WAKE ISLAND Hy	27.69 120	T	T	15 09 42.9	
H1N1	WAKE ISLAND Hy	27.70 120	T	T	15 09 43.6	
H1N3	WAKE ISLAND Hy	27.71 120	T	T	15 09 46.2	
SOMI	Songino Array	28.27 305	P	P	14 40 59.7	+0.3
SOMI	comp=Z,0.8nm,0.7s,baz=114,slow=9.4,SNR=5.7				14 40 59.0	-0.4
LZH	Lanzhou	30.36 281	eP	eP	14 41 18.0	-0.1
LZH	comp=Z,1.1nm,0.7s,baz=88,slow=8.5,SNR=6.7				14 41 21.3	+3.3
LZH	comp=Z,18nm,1.3s				14 41 22.8	+2.4
WMQ	Urumqi	41.27 297	eP	eP	14 42 52.3	+0.9
ZALV	Zulesovo Beam	42.44 313	P	P	14 43 00.9	+0.2
MKAR	Makanchi Array	44.59 303	P	P	14 43 17.7	-0.5
MKAR	Makanchi Array	44.59 303	P	P	14 43 17.6	-0.6
KURK	Kurchatov	46.44 309	IAMB	IAMB	14 43 32.0	-0.7
KURB	Kurchatov Arra	46.51 308	P	P	14 43 42.4	-0.9
ILAR	Eielson Array	49.88 32	P	P	14 44 00.2	+1.1
WRA	Warramunga Arr	56.52 188	P	P	14 44 48.7	+0.2
YKA	Yellowknife Ar	64.21 30	P	P	14 45 40.5	-0.2
ARCES	ARCES Array B	64.60 340	P	P	14 45 44.0	+0.9
NOA	NORSAR Array B	74.79 337	P	P	14 46 46.4	+0.3
AKASG	Malin Array Be	74.87 322	P	P	14 46 47.5	+0.8
NVAR	Mina Array Bea	75.18 53	P	P	14 46 48.1	-1.0

MTBS	Maitube	1.18 330	eP	Pn	14 43 56.3	-0.8
MTBS	43nm,0.2s				14 44 12.0	-0.3
MTBS	Maitube	1.18 330	P	Sb	14 43 56.3	-0.8
MTBS	43nm,0.2s				14 44 12.0	-0.3
SATY	Saty	1.29 42	eP	Pn	14 43 57.6	-1.0
SATY	baz=42				14 44 15.0	-0.4
SATY	24nm,0.3s				14 43 57.5	-1.0
SATY	71nm,0.3s				14 43 57.5	-1.0
SATY	24nm,0.3s				14 44 15.0	-0.4
SATY	71nm,0.3s				14 43 57.5	-1.0
KST	Kastek	1.32 315	P	Pn	14 44 59.2	+0.1
KST	baz=14				14 43 17.2	+0.5
KST	baz=14				14 43 59.2	+0.1
KST	5.4nm,0.2s				14 44 17.2	+0.5
KST	49nm,0.3s				14 43 59.2	+0.1
KST	5.4nm,0.2s				14 44 17.2	+0.5
ZHN	Zhishike	1.38 40	eP	Pn	14 43 59.3	-0.6
ZHN	baz=39				14 44 17.6	-0.6
ZHN	Zhishike	1.38 40	eP	Pn	14 43 59.3	-0.6
ZHN	11nm,0.2s				14 44 17.5	-0.6
ZHN	29nm,0.2s				14 43 59.3	-0.6
ZHN	Zhishike	1.38 40	eP	Pn	14 44 17.5	-0.6
TKM2	Tokmak 2	1.46 304	↑P	Pb	14 44 01.5	-0.3
TKM2	baz=3.0				14 44 21.3	+1.0
TKM2	baz=3.0				14 44 01.5	-0.3
TKM2	1.0nm,0.2s				14 44 21.3	+1.0
TKM2	7.6nm,0.2s				14 44 21.3	+1.0
KURS	Kuram	1.54 26	eP	Pn	14 44 02.2	+0.2
KURS	baz=26				14 44 22.2	-0.5
KURS	8.6nm,0.5s				14 44 02.2	+0.2
KURS	11nm,0.4s				14 44 22.2	-0.5
KURS	8.6nm,0.5s				14 44 02.2	+0.2
KURS	11nm,0.4s				14 44 22.2	-0.5
DGS	Degeres	1.56 317	eP	Pb	14 44 03.3	-0.2
DGS	baz=16				14 44 24.4	+1.0
DGS	baz=16				14 44 03.3	-0.2
DGS	4.3nm,0.2s				14 44 24.4	+1.0
DGS	28nm,0.3s				14 44 03.3	-0.2
DGS	Degeres	1.56 317	P	Pb	14 44 03.3	-0.2
DGS	4.3nm,0.2s				14 44 24.4	+1.0
DGS	28nm,0.3s				14 44 03.3	-0.2
KTBS	Karaboste	1.65 346	eP	Pb	14 44 04.8	-0.3
KTBS	baz=45				14 44 26.8	+0.9
KTBS	Karaboste	1.65 346	eP	Pb	14 44 04.8	-0.3
KTBS	14nm,0.3s				14 44 26.7	+0.9
KTBS	154nm,0.4s				14 44 04.8	-0.3
UZB	Uzbyulak	1.68 51	eP	Pb	14 44 04.3	-1.3
UZB	baz=51				14 44 26.5	-0.2
UZB	Uzbyulak	1.68 51	eP	Pb	14 44 04.3	-1.3
UZB	25nm,0.3s				14 44 26.6	-0.2
UZB	72nm,0.4s				14 44 04.3	-1.3
UZB	Uzbyulak	1.68 51	P	Pb	14 44 04.3	-1.3
UZB	25nm,0.3s				14 44 26.5	-0.2
PKPS	Kokpek	1.73 38	eP	Pb	14 44 05.5	-0.8
PKPS	baz=38				14 44 28.2	+0.1
PKPS	Kokpek	1.73 38	eP	Pb	14 44 05.5	-0.8
PKPS	42nm,0.2s				14 44 28.2	+0.1
CHKK	Chushkaly	1.75 354	eP	Pb	14 44 06.5	-0.3
CHKK	baz=53				14 44 29.9	+1.1
CHKK	Chushkaly	1.75 354	eP	Pb	14 44 06.5	-0.3
CHKK	16nm,0.2s			</		

Table with columns: ALS, Alishan, 1.49 238 i P, Pn, 15 11 36.3 +0.3, etc. Includes stations like ALS, HATERUMA jima, WCHJ Zhangua, etc.

delta 5. 13000°, lambda-153.58000°, NP2=145.74000°, delta 1.62000°, lambda-48.02000°. Principal axes: T 2.3537, Plg16.0000°, Azm206.0000°; N -0.0025, Plg39.0000°, Azm310.0000°; P -2.3511, Plg46.0000°, Azm99.0000°;

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like KAN13 South Haven SW, KAN01 Argonia South, etc.

Table with columns: R40A, comp=2.99nm,0.8s, Iamb_Lg, 15 29 29.8, etc. Includes stations like R40A Maddies Statio, KSCO Kaye Shedlock, etc.

ISC 20 15:17:22.6: 1.6, 28.97N, 69.52E, h0km, mb3.6/12, mb1 3.8/13, mb1mx3.5/55, mb1mp3.6/13, ML3.9/1, Error ellipse: s-maj=34.2km s-min=26.4km az=44.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, etc.

Table with columns: W39A, comp=2.152nm,0.9s, 3.59 175 P, Pn, 15 28 00.5 +0.8, etc. Includes stations like W39A Magazine, Z35A Perchaven, S, etc.

Table with columns: R40A, comp=2.57nm,0.9s, 7.12 42 Pn, Pn, 15 28 48.5 +0.3, etc. Includes stations like R40A Anamosa, HDL Hopedale, etc.

NEIC 20 15:27:03.4, 36.92N, 97.62W, h3km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M1-1.05; M2-1.72; M3-0.67; M4-0.38; M5-1.03; M6-1.44; Fault plane solution: M2.35000x10^14 NP1.z=255.05000°

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSS Mathiatis, RAFF Ruffo Rosso, BRTR Keskin Array B, etc.

NEIC 20 16:09:50.2, 1.5, 15.69N, 0.05, 93.49W, 0.02, h80km, 7km, mb4.3/13, Md4.224(MEX), Error ellipse: s-maj=7.9km s-min=2.0km az=201.0

MEX 20 16:09:50.8, 0.7, 15.66N, 93.51W, h88km, 5km, Md4.2, IDC 20 16:09:55.1, 4.9, 16.43N, 93.27W, h84km, 9km, mb3.2/4, mb1.3.5/5, mb1mx3.3/4, mbtmp3.5/5, Error ellipse: s-maj=106.6km s-min=12.8km az=8.0

ISC 20 16:09:50.3, 0.7, 15.68N, 0.04, 93.49W, 0.03, h84km, 5km, n40, c0.95/58, mb3.8/6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG 0.26 85 eP, PCIG 0.26 85 eS, TGIG 1.15 18 eP, etc.

IDC 20 16:30:03.8, 3.5, 25.97S, 28.93E, h0km, mb1.2/8/2, mb1mx2.8/3/5, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=31.1km s-min=16.8km az=112.0, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBTF 2.6nm, 0.3s, baz=18, slow=22, SNR=13, BOSA Boshof, BOSA 0.1nm, 0.3s, baz=46, slow=14, SNR=4.7, etc.

IDC 20 16:32:46.4, 6.7, 32.35N, 95.26E, h0km, mb3.7/3, mb1.3.7/5, mb1mx3.4/4, mbtmp3.6/5, ML3.1/2, Error ellipse: s-maj=114.5km s-min=66.4km az=153.0, Kirzang

IDC 20 16:36:37.0, 38.0, 17.65S, 178.67E, h523km, 285km, mb3.1/3, mb1.3.3/3, mb1mx2.8/4, mbtmp4.1/3, Error ellipse: s-maj=987.9km s-min=77.5km az=81.0, Fiji Islands

IDC 20 16:44:50.6, 21.4, 28.03N, 101.71E, h0km, mb3.2/6, mb1.3.4/6, mb1mx3.2/5, mbtmp3.2/6, Error ellipse: s-maj=34.5km s-min=20.1km az=77.0

ISC 20 16:44:52.1, 4.2, 28.1N, 0.2, 101.8E, 0.3, h10km, n7, c0.64/6, mb3.4/5, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

JMA 20 16:49:04.8, 0.1, 33.85N, 136.75E, h405km, M2.5, IDC 20 16:49:08.2, 0.2, 33.28N, 136.71E, h302km, 24km, mb2.9/4, mb1.2.9/6, mb1mx2.5/5, mbtmp3.4/6, Error ellipse: s-maj=31.8km s-min=22.3km az=88.0

ISC 20 16:49:11.7, 1.1, 33.6N, 0.1, 136.9E, 0.1, h350km, n11, c2.44/11, mb3.0/4, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JIE Ise, JKNZ Miekiyohoku, TK02 Tokai 2, etc.

NEIC 20 17:05:30.0, 2.1, 0.22N, 0.07, 122.56E, 0.07, h160km, 7km, mb4.7/26, Error ellipse: s-maj=12.8km s-min=7.7km az=48.0

DJA 20 17:05:31.2, 0.3, 0.3N, 12.3E, h140km, 4km, M4.1/17, mb4.2/7, mb4.8/2, MLV4.1/17, Mw(mb)4.1/2

IDC 20 17:05:31.5, 2.9, 0.17N, 122.64E, h176km, 26km, mb3.5/6, mb1.3.7/9, mb1mx3.4/3, mbtmp4.1/9, MS3.4/1, Ms1.3.4/1, mb1mx2.5/3/4, Error ellipse: s-maj=50.0km s-min=12.4km az=61.0

NOU 20 17:05:35.0, 0.1, 11.5S, 122.42E, h197km, mb4.2, Minahassa Peninsula, Sulawesi

ISC 20 17:05:30.1, 0.6, 0.19N, 0.05, 122.53E, 0.05, h160km, 5km, n66, c1.45/75, mb4.3/21, D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MRSI Marisa, GTOI Gorontalo, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, UBPT Khong Chiam, WB0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOB Yonaguni jima, YHNB Yonaguni, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, TAPN Tapejlung, CAN Canberra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAMN Ramit, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, SANVU Saraoutou, WAKE Wake Island, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMGZ Waomatatini S, MXZ Matakaoa Point, PUZ Puketiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKGH Pakhiroa, CNZG Carnagh Statio, TWGZ Tuwahareparae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAZ Te Kaha, RUGZ Raukamara Rang, TKGZ Te Karaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MWZ Matawai, MWZ Matawai, RIGZ Rimutu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRGZ Paruhua Road, MHGZ Mahia Penisul, KNZ Kokohu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, WHRZ Whales Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTZ Ruatuhua, EDRZ Edgecumbe, WHWZ Waihua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAHZ Aarahi, MKAZ Makapara, OPRZ Ohinepanea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DVHZ Dannevirke, HIZ Hauiti, AWAZ Awituh Peninsu, etc.

NOU 20 17:15:21.6, 35.41S, 179.66E, h319km, MLV4.5, Off E. Coast of N. Island, N.Z., Off east coast of North Island.

NEIC 20 17:18:40.9, 1.2, 7.49S, 0.08, 127.97E, h155km, 8km, mb4.7/4, Error ellipse: s-maj=12.2km s-min=9.0km az=186.0.

ICD 20 17:18:40.4, 1.9, 7.67S, 127.97E, h158km, 26km, mb2.8/1, mb1.3/6, mb1mx3.2/58, mbtmp4.0/6, Error ellipse: s-maj=19.1km s-min=19.1km az=135.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Soe, BATI Baumatua, etc.

SOF 20 17:21:47.1, 42.65N, 26.31E, h9km, MD2.6, ISK 20 17:21:47.4, 42.60N, 26.33E, h8km, ML2.6/13, ISC 20 17:21:46.7, 1.0, 42.62N, 0.02, 26.34E, 0.02, h14km, 9km, n47, c114/54, 10C-13B, Bulgaria.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMB Yambol, SZH Strazhica, EDRB Edirne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CFR Carcaliu, MLR Muntele Rosu, BISRR Bisoca, etc.

ICD 20 17:29:04.7, 1.0, 67.13N, 20.87E, h0km, mb1.3/0.4, mb1mx2.9/45, mbtmp3.0/4, ML2.3/4, Error ellipse: s-maj=15.3km s-min=7.9km az=112.0. NAO 20 17:29:04.3, 0.8, 67.18N, 20.94E, h1km, ML2.6, HEL 20 17:29:04.7, 0.1, 67.18N, 20.64E, h1km, ML2.0, ML2.5(UPP), Confirmed Induced event. BER 20 17:29:06.1, 3.6, 67.13N, 20.88E, h0km, ML2.1, ML2.6(NAO), Confirmed Induced event. KOLA 20 17:29:06.3, 67.11N, 21.13E, h0km, ML2.4, Kiruna Area, Sweden.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MASU Masugnsbyn, MASU MASU, RATU Laukkulspaa, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array B, ARAO ARCESS Array B, ARAO ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

MOS 20 17:34:41.9, 1.8, 23.37S, 70.72W, h33km, mb5.4/7, Error ellipse: s-maj=1.5km s-min=7.0km az=97.9.

ellipse: s-maj=1.5km s-min=7.0km az=97.9. NEIC 20 17:34:41.2, 2.8, 23.35S, 0.04, 70.88W, 0.06, h21km, 3km, mb5.3/168, Mw4.9/40, Mw5.2, ML5.2(GUC), Error ellipse: s-maj=8.5km s-min=5.1km az=99.0.

NEIC 20 17:34:43.23, 33S, 71.01W, h36km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr5.23; Mw2.04; Mw-7.2; Mw-0.94; Mw-3.96; Mw-2.00; Fault plane solution: Ms7.92000x10^16 NP1=14.00000, s36.00000, NP2=205.00000, s54.00000, 1.96.00000. Principal axes: T 5.5819, Plg80.0000, Azm11.0000, 3.4659, Plg5.0000, Azm21.0000; P -0.6979, Plg9.0000, Azm20.0000.

GUC 20 17:34:43.5, 0.9, 23.41S, 70.46W, h47km, 5km, ML5.2, BUJ 20 17:34:44.0, 0.9, 23.40S, 70.70W, h30km, MB5.37, Ms5.4/10, Ms7.5/10. GCMT 20 17:34:50.2, 0.2, 23.22S, 0.01, 71.01W, 0.01, h34km, MW5.1/102, Moment Tensor Solution. s52, c66; s102, c140; Duration: 0 Moment tensor: Scale 10^16Nm; Mw-4.44, 2.2; Mw-2.44, 1.6; Mw-6.88, 1.7; Mw-0.24, 1.7; Mw-2.30, 1.2; Mw-2.14, 1.9; Best double couple: Mw: 3.9100x10^16 NP1=22.00000, s36.00000, 1.703.00000, NP2=187.00000, s55.00000, 1.81.00000.

Principal axes: T 4.6460, Plg78.0000, Azm66.0000; N 2.9450, Plg7.0000, Azm12.0000, 7.7910, Plg10.0000, Azm283.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. VAO 20 17:34:50.1, 0.8, 23.01S, 70.30W, h64km, 5km, mb5.1, ISC 20 17:34:43.0, 0.8, 23.39S, 0.03, 70.79W, 0.05, h32km, 5km, n709, c151/672, mb5.3/115, MS4.5/19, 20C-ID, Near coast of northern Chile.

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

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

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

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

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

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

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

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

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

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

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

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

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

NNA Nana 12.72 332 Pn Pn 17 37 43.5 +1.6 comp=N, 5.9nm, 0.3s, baz=123, slow=13, SNR=4.3

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes entries like SSPA Standing Stone, CCM Cathedral Cave, N57A Milroy, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes entries like H62A Milan, TAOE Nuku Hiva Isla, H60A Morristown, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes entries like BELC Belle Mtn. Jos, N23A Red Feather La, GMRC Granite Mounta, etc.

20d 19h

Table of satellite data for the 20d 19h period, listing stations like SEM, RAMN, BVAR, BRVK, etc., with columns for station name, coordinates, and status.

2015 JAN

Table of satellite data for 2015 JAN, listing stations like TOR, COL, IMAR, INK, etc., with columns for station name, coordinates, and status.

ADC 20 19:13:47.9, 9.8, 25.90N; 127.09E, h272km, 169km, mb3.0/4, mb1.3/0.4, mb1mx2.6/48, mbtmp3.6/4, Error ellipse: s-maj=43.0km s-min=13.6km az=115.0

Table of satellite data for Ryukyu Islands, listing stations like JAGN, JAGN, JKE, etc., with columns for station name, coordinates, and status.

KRNET 20 19:14:27.0, 0.1, 39.31N; 171.64E, h15km, mb3.1, NNC 20 19:14:30.9, 3.9, 39.40N; 171.74E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=28.5km s-min=18.2km az=10.0

Table of satellite data for Tajikistan, listing stations like DRK, DRK, BTK, etc., with columns for station name, coordinates, and status.

956

Table of satellite data for the 956 period, listing stations like EKS2, EKS2, KK31, etc., with columns for station name, coordinates, and status.

ADC 20 19:15:43.6, 2.1, 2.24S; 134.29E, h0km, mb3.3/2, mb1.3/4, mb1mx3.3/34, mbtmp3.4/4, ML3.1/2, Error ellipse: s-maj=57.6km s-min=24.3km az=62.0, Irian Jaya region

Table of satellite data for the Irian Jaya region, listing stations like SIJI, SIJI, WRA, etc., with columns for station name, coordinates, and status.

ADC 20 19:19:19.9, 1.9, 4.01S; 141.95E, h104km, mb3.4/4, mb1.3/7.6, mb1mx3.3/30, mbtmp3.9/6, Error ellipse: s-maj=29.0km s-min=15.2km az=74.0

ADC 20 19:19:20.0, 0.9, 4.00S; 0.09=142.0E; 0.1, h109km, n18, s113/20, mb3.7/6, New Guinea

Table of satellite data for New Guinea, listing stations like JAY, JAY, PMG, etc., with columns for station name, coordinates, and status.

AS31 Alice Springs 21.04 201 P P 19 23 54.9 -0.5, Alice Springs 21.05 201 P P 19 23 55.0 -0.5

Table of satellite data for New Guinea, listing stations like MYLDM, MYLDM, KHZ, etc., with columns for station name, coordinates, and status.

WEL 20 19:20:29.0, 1.0, 35.5S; 15.179W, 1.8, h205km, 18km, M4.0/18, mb4.2/1, MLV4.0/18, Mw(mb)3.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=125.3, South of Kermadec Islands

Table of satellite data for the South of Kermadec Islands, listing stations like MXZ, MXZ, WMGZ, etc., with columns for station name, coordinates, and status.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NLAJ, TTSI, BKB, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CM31, CM31, CMAR, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ODAN, BBOO, BBOO, etc.

KKAR	Karatay Array	59.32 317	P	P	20 42 16.5 +0.4
KKAR	Karatay Array	59.32 317	P	P	20 42 16.5 +0.4
SEY	Seymour	60.26 15	P	P	20 42 23.4 +1.5
SEY	comp-Z, 5.6nm, 0.8s, baz=163, slow=4.0, SNR=14				
SEY	comp-Z, 1.8nm, 0.8s, baz=180, slow=4.2, SNR=5.5				20 46 03.5 0.0
BRZS	Berezinski	60.88 325	eP	P	20 42 26.1 -0.1
OUZ	Omahuta	62.49 135	PcP	PcP	20 43 07.0 -2.2
HRA	Herat	63.01 305	P	P	20 42 40.5 -0.1
BRVK	Borovyoye	63.62 327	P	P	20 42 44.0 +0.2
DOZ	Deep Cove	64.50 148	P	P	20 42 50.5 +1.1
DCZ			IAMB	IAMB	20 42 51.0
QRZ	Quartz Range	64.80 141	P	P	20 42 52.8 +1.3
QRZ			IAMB	IAMB	20 43 20.4
WKZ	Wanaka	65.10 146	P	P	20 42 54.3 +1.0
TIXI	Tiksi	65.35 2	P	P	20 42 53.9 -0.4
LBZ	Lake Benmore	65.48 145	P	P	20 42 56.6 +0.9
LBZ			IAMB	IAMB	20 42 57.4
NNZ	Nelson	65.55 141	P	P	20 42 56.9 +0.8
NNZ			IAMB	IAMB	20 43 24.6
THZ	Topohuse	65.56 142	P	P	20 42 57.0 +0.7
RPZ	Rata Peaks	65.58 144	P	P	20 42 57.2 +0.9
RPZ			IAMB	IAMB	20 42 59.0
LTZ	Lake Taylor	65.75 143	P	P	20 42 57.6 +0.2
LTZ			IAMB	IAMB	20 42 58.9
TUWZ	Tuamarina	66.02 141	P	P	20 42 58.9 -0.1
ODZ	Otauhu Downs	66.12 146	P	P	20 43 00.5 +0.8
KHZ	Kahutara	66.32 142	P	P	20 43 01.0 +0.2
KHZ			IAMB	IAMB	20 43 18.9
SNZO	South Karori	66.44 140	P	P	20 43 01.4 -0.2
SNZO			IAMB	IAMB	20 43 21.7
BKZ	Black Stump Fm	66.49 138	P	P	20 43 03.2 +1.1
BKZ			IAMB	IAMB	20 43 03.6
MGZ	McQueen's Vall	66.51 143	P	P	20 43 02.8 +0.7
MGZ			IAMB	IAMB	20 43 04.4
BHW	Baring Head	66.59 140	P	P	20 43 02.2 -0.4
MSWZ	Moikau Station	66.84 140	P	P	20 43 04.4 +0.3
GEYT	Alibek	66.96 308	P	P	20 43 06.0 +0.9
GEYT	comp-Z, 5.7nm, 0.7s, baz=130, slow=4.4, SNR=10				
GEYT	Alibek	66.96 308	P	P	20 43 05.9 +0.9
UOSS	Minazif	67.00 294	P	P	20 43 05.0 -0.5
UFBS	Birch Farm	67.10 139	P	P	20 43 06.5 +0.7
BFZ			IAMB	IAMB	20 43 21.4
BILL	Bilibino	67.88 16	P	P	20 43 10.0 0.0
BILL			IAMB	IAMB	20 43 15.9
ATKA	Atka Island	68.13 36	P	P	20 43 11.9 +0.1
ABKAR	Abkulk array	68.28 321	P	P	20 43 12.7 0.0
ABKAR	Abkulk array	68.28 321	P	P	20 43 12.8 0.0
SOCY	Socotra	68.94 281	P	P	20 43 16.3 -1.1
SOCY			IAMB	IAMB	20 43 21.3
ARU	Arti	71.18 328	P	P	20 43 29.4 -0.4
ARU			IAMB	IAMB	20 43 30.1
NIKH	Nikolski High	71.47 36	P	P	20 43 31.6 0.0
CASY	Casey	73.04 186	P	P	20 43 40.4 +0.1
CASY			IAMB	IAMB	20 43 41.0
AKUT	Akutan	73.53 35	P	P	20 43 43.7 +0.4
FALS	False Pass	75.02 35	P	P	20 43 52.2 +0.5
FALS			IAMB	IAMB	20 43 52.4
ANM	Nome	76.18 25	P	P	20 43 59.0 +1.0
RAYN	Ar Rayn	76.73 293	P	P	20 44 01.9 0.0
RAYN			IAMB	IAMB	20 44 02.6
SDPT	Sand Point	76.77 35	P	P	20 44 01.3 0.0
RDG	Red Dog Mine	77.99 22	P	P	20 44 08.2 +0.5
GEVA	Gevass	78.81 308	P	P	20 44 13.8 +0.9
KBZ	Khabaz	79.05 313	P	P	20 44 13.9 +0.2
ABPO	Ambohimpanom	79.39 249	P	P	20 44 15.4 -0.8
TTA	Tatalina	79.98 27	P	P	20 44 19.5 +1.1
MARD	Mardin	80.61 307	P	P	20 44 22.7 +0.4
A21K	Barrow	80.75 19	P	P	20 44 23.5 +1.5
A21K			IAMB	IAMB	20 44 40.5
KOPT	Kop Dagii	80.80 309	P	P	20 44 24.6 +1.2
IMAR	Indian Mountai	81.23 24	P	P	20 44 25.9 +1.2
KDKA	Kodiak Island	81.33 33	P	P	20 44 26.4 +1.1
KDKA	Kodiak Island	81.33 33	P	P	20 44 26.3 +1.0
KLMR	Klimovskoe	81.71 331	eP	P	20 44 23.4 +3.8
KLMR			AMP		20 44 27.3
BPAW	Bear Paw Mtn.	82.31 26	P	P	20 44 31.2 +1.0
BPAW			IAMB	IAMB	20 44 32.0
KTH	Kantishna Hill	82.32 27	P	P	20 44 31.5 +1.2
TRF	Thorfare Moun	82.60 27	P	P	20 44 31.8 0.0
I23K	Minto, Yukon-K	83.02 25	P	P	20 44 34.8 +1.1
DHY	Denali Highway	83.92 27	P	P	20 44 38.4 0.0
DHY			IAMB	IAMB	20 44 47.9
HDA	Harding Lake	84.07 26	P	P	20 44 38.1 -0.8
IL31		84.08 26	P	P	20 44 37.8 -1.1
ILAR	Eielsen Array	84.08 26	P	P	20 44 38.1 -0.8
ILAR	comp-Z, 1.1nm, 0.6s, baz=241, slow=5.3, SNR=28				
ILAR	comp-Z, 0.2nm, 0.3s, baz=124, slow=2.1, SNR=4.1				21 02 47.8 -3.6
BR131	Keeskin Array S	86.09 309	P	P	20 44 48.3 -1.1
BR131	Keeskin Array B	86.09 309	P	P	20 44 48.4 -1.1
K27K	Chicken	86.22 26	P	P	20 44 49.9 +0.7
VNDA	Vanda	86.35 172	P	P	20 44 50.0 +0.4
VNDA	comp-Z, 8.3nm, 0.8s, baz=312, slow=6.7, SNR=17				
VNDA	Vanda	86.35 172	P	P	20 44 50.0 +0.4
VNDA			IAMB	IAMB	20 44 50.6
KMBO	Kilima Mbogo	86.62 269	P	P	20 44 53.3 +0.8
ARCES	ARCES Array B	87.01 340	P	P	20 44 52.8 -0.1
ARCES	comp-Z, 9.7nm, 1.1s, baz=82, slow=6.5, SNR=2.2				
AKASG	Malin Array B	88.02 321	P	P	20 44 56.7 -1.3
FINES	FINES Array B	88.16 332	P	P	20 44 57.2 -1.1
FINES	comp-Z, 7.7nm, 0.5s, baz=123, slow=4.8, SNR=13				
MNK	Minsk	88.31 325	iP	P	20 44 57.0 -2.2
MNK	comp-E, 2.0nm, 1.0s				20 44 57.0 -2.2
MNK	comp-N, 11nm, 0.8s				20 44 57.0 -2.2
MNK	comp-Z, 6.0nm, 0.9s				20 47 06.1 -1.7
MNK			iPP	PP	20 46 35.5 -2.4
MNK			iPPP	PPP	20 47 07.7
MNK			iS	SKSac	20 54 28.4 -2.8
MNK			iS	sS	20 58 33.9 -9.1
MNK			iSS	SS	21 01 01.9 -0.5
MNK			iSSS	SSS	21 04 51.8
MNK			iLRM	MLR	21 26 39.1
MNK	comp-Z, 80nm, 12.3s				21 26 45.6
MNK	comp-N, 103nm, 13.8s				21 26 46.4
BURAR	Bucovina Array	91.10 318	P	P	20 45 11.6 -0.9
BUR08	Bucovina Ar. S	91.11 318	P	P	20 45 11.9 -0.6
BUR08			IAMB	IAMB	20 45 29.7
SYO	Syowa Base	93.74 201	ePcP	PcP	20 45 24.4 +2.4
GERES	GERES Array B	98.22 321	P	Pdf	20 45 44.5 -0.1
YKA	Yellowknife Ar	98.38 24	P	Pdf	20 45 44.5 -0.3
YKA	comp-Z, 0.1nm, 0.3s, baz=304, slow=3.9, SNR=4.3				
YKA	comp-Z, 0.4nm, 0.5s, baz=117, slow=3.0, SNR=8.0				
NVAR	Mina Array Bea	107.37 47	PKKpPbc	PKKpPbc	21 01 48.0 -0.8
NVAR	comp-Z, 0.1nm, 0.5s, baz=127, slow=5.8, SNR=4.6				
NVAR	comp-Z, 0.7nm, 0.8s, baz=165, slow=3.7, SNR=4.1				21 02 03.5 -2.3

TORD	Torodi Ar. Bea	119.27 289	PKP	PKPdf	20 50 53.2 -0.3
TORD	comp-Z, 3.2nm, 0.8s, baz=46, slow=2.1, SNR=8.6				
TORD	Torodi Ar. Bea	119.27 289	PKP	PKPdf	20 50 52.7 -0.9
DLBC	Dimbokro	127.10 283	PKP	PKPdf	20 51 08.9 +0.3
DLBC	comp-Z, 7.7nm, 0.5s, baz=66, slow=6.5, SNR=4.4				
PLCA	Paso Flores	143.11 162	PKP	PKPdf	20 51 37.9 -0.3
PLCA	comp-Z, 9.9nm, 0.7s, baz=220, slow=3.8, SNR=27				
PLCA	comp-Z, 4.6nm, 0.9s, baz=200, slow=6.4, SNR=5.5				20 54 18.4 -2.3
PLCA	Paso Flores	143.41 162	PKP	PKPdf	20 51 37.6 -0.6
LC01	Cunco	144.62 159	PKP	PKPdf	20 51 40.7 +0.2
BL02	San Fabin de	146.81 158	PKP	PKPbc	20 51 47.5 +0.6
BL02	Sierra Bellavi	148.65 157	PKP	PKPbc	20 51 52.1 +0.5
MT02	Curacav	149.83 155	PKP	PKPbc	20 51 54.6 +0.1
PEL	Pelshue	150.12 155	PKP	PKPbc	20 51 55.7 +0.1
ROCI	El Roble	150.13 155	PKP	PKPbc	20 51 55.7 +0.2
VA03	San Esteban	150.51 155	PKP	PKPbc	20 51 56.6 -0.1
GO02	Mina Guanaco	157.32 147	PKP	PKPab	20 52 36.2 +1.0
CPUB	Villa Florida	160.06 177	PKP	PKPab	20 52 45.3 -1.2
BDFF	Brasilia	167.68 220	PKP	PKPab	20 53 20.3 -0.4
BDFF	comp-Z, 1.3nm, 0.4s, baz=166, slow=4.2, SNR=3.6				

NEIC 20:44:17.9, 2.2, 2.4; 05N: 0.05; 122:32E: 0.03, h22km, 3km, mb4.5/30, Mw4.4/26, ML4.5 (TAP), Error ellipse: s-maj=6.7km s-min=4.1km az=173.0

NEIC 20:44:18.9, 2.4; 06N: 122:32E, h21km, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; M₁-3.07; M₂-2.33; M₃-1.64; M₀-1.9; M₀-2.13; M₀-1.30; Fault plane solution: M₀ 27000° 1015° NP1: 244.06000°, 541.98000°, λ-67.55000°. NP2: 34.99000°, 851.82000°, λ-108.96000°. Principal axes: T 4.2083, Plg5, 0.0000°, Azm138.0000°, N 0.1166, Plg15.0000°, Azm47.0000°; P -4.3249, Plg74.0000°, Azm247.0000°;

NIED 20:44:19.2, 2.4; 02N: 122:28E, h29km, MW4.4, Moment Tensor Solution. s₂ Moment tensor: Scale 10¹⁵Nm; M₁-3.50; M₂0.22; M₃3.28; M₀0.64; M₀1.71; M₀-1.65; Fault plane solution: M₀ 19000° 1015° NP1: 246.00000°, 357.00000°, λ-112.00000°. NP2: 223.00000°, 339.00000°, λ-80.00000°;

TAP 20:44:19.2, 2.4; 11N: 122:27E, h20km, ML4.5, D JMA 20:44:19.2, 2.4; 02N: 122:28E, h29km, 2km, ML4.8, BUJ 20:44:20.1, 0.2, 2.4; 18N: 122:17E, h16km, mb4.5/14, mb4.1/18, ML4.4/5, Ms4.3/20, Ms7.4/219

IDC 20:44:21.3, 1.9, 2.4; 18N: 122:34E, h45km, 18km, mb3.9/21, mb1.4/0.22, mb1mx3.8/47, mbtmp4.1/22, ML4.0/1, MS3.8/17, Ms1.3/8.17, ms1mx3.6/44, Error ellipse: s-maj=16.6km s-min=11.4km az=69.0

ISC 20:44:19.5, 0.9, 2.4; 06N: 0.02; 122:27E: 0.02, h31km, 6km, region n254, σ1=11/348, mb4.3/37, MS3.8/13, 9C-3D, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
ENAH	Nanao	0.57 313	P	Op	20 44 30.0 -1.2	ISC
ENAH	baz=318			Pb	20 44 30.0 -1.2	
ENAH	baz=318			S	20 44 38.1 -1.1	
ENA	Nanao	0.61 307	P	Sb	20 44 30.4 -1.3	
ENA	baz=314			eS	20 44 39.7 -0.4	
HWA	Hwalian	0.61 263	eP	Pn	20 44 32.0 0.0	
HWA	baz=242			eS	20 44 42.7 +1.9	
TWD	Chiawan	0.62 272	P	Sb	20 44 31.7 -0.1	
TWD	baz=251			eS	20 44 40.8 -0.1	
NACB	Ninganchiao	0.63 281	iP	Pb	20 44 31.8 -0.3	
NACB	baz=259			S	20 44 40.3 -0.4	
NACB	Ninganchiao	0.63 281	Pb	Pb	20 44 31.6 -0.5	
TWC	Susan	0.67 325	iP	Pb	20 44 31.1 -1.6	
TWC	baz=323			eS	20 44 39.0 -2.8	
JYNG	Yonagunijimaku	0.73 57	S	Pn	20 44 33.1 -0.5	
JYNG			S	Sb	20 44 42.8 -0.6	
ETLH	Xiulin Townshi	0.74 282	P	Sb	20 44 33.4 -0.4	
ETLH	baz=264			eS	20 44 44.0 +0.1	
YOJ	Yonaguni jima	0.79 59	P	Pn	20 44 34.2 -0.2	
YOJ			S	Sb	20 44 44.6 -0.4	
YOJ	Yonaguni jima	0.79 59	P	Pn	20 44 33.9 -0.5	
YOJ	baz=61			eS	20 44 43.2 -1.8	
YOJ	Yonaguni jima	0.79 59	Pn	Pn	20 44 34.0 -0.3	
YOJ			Sb	Sb	20 44 44.5 -0.5	
ESL	Shilin	0.81 253	iP	Pb	20 44 33.9 -0.8	
ESL	baz=237			eS	20 44 44.9 -0.7	
ILA	ilan	0.85 326	iP	Pn	20 44 34.8 -0.4	
ILA	baz=324			S	20 44 45.9 -0.8	
TWE	Neicheng	0.86 320	iP	Pn	20 44 34.9 -0.5	
TWE	baz=324			eS	20 44 46.1 -0.8	
EGFH	Guangfu	0.86 244	eP	Sb	20 44 34.9 -0.5	
EGFH	baz=229			eS	20 44 47.5 +0.2	
ENTT	Nioudou	0.86 312	iP	Pn	20 44 35.2 -0.3	
ENTT	baz=317			eS	20 44 44.7 -2.4	
NDT	Datong Townshi	0.88 308	P	Pb		

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TTA, CRP, SPCP, SFGC, KDKAK, KDKAK, KDKAK, etc.

SOF 20:22:29:26.2, 46.13N, 26.61E, h7km, MD3.4
IDC 20:22:29:31.3, 0.1, 45.72N, 26.83E, h6km, mb3.5/5
mb1 3.6/9, mb1mx3.4/40, mbrmx3.5/8, ML2.2/3.1, Error
ellipse: s-maj=15.1km s-min=7.3km az=151.0

IASPEI 20:22:29:30.6, 0.8, 45.85N, 02:26.61E, 0.02, h10km, 4km,
mb3.8/5, Error ellipse: s-maj=2.8km s-min=2.6km
az=171.0, GTS selection from ISC bulletin GTS identified
by Bondr and McLaughlin (2009) selection criteria Bondr
and McLaughlin, A new ground truth data set for seismic
stations, Seism. Res. Let., do>, 465-472,
2009

SIGU 20:22:29:30.8, 45.83N, 26.60E, h5km, mb3.4
BUC 20:22:29:31.3, 0.1, 45.84N, 26.59E, h6km, 1km, m3.2/5/8,
Error ellipse: s-maj=1.1km s-min=1.0km az=22.0
ISC 20:22:29:30.9, 0.7, 45.39N, 01:11.263E, 0.01, h13km, 4km,
n170, r128/269, mb3.8/5, 107C-116D, Romania

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PLOST, PLOST, PLOST, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SULR, SULR, SULR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BZS, BZS, BZS, etc.

ZUR 20:22:42:09.2, 47.44N, 7.85E, h9km, 3km, MLH0.5/3, 2C-5D,
Error ellipse: s-maj=6.0km s-min=1.4km az=92.0,
Switzerland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ROTHE, ROTHE, SFRA, etc.

ROM 20:22:43:23.8, 0.1, 40.783N, 0:0066, 16.312E, 0:0008,
h6km, 1km, ML2.7/2.4, 2C-8D, Error ellipse: s-maj=0.6km
s-min=0.6km az=38.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MIGL, MIGL, MIGL, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

Main table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

20d 23h

Table with columns: SMLT, TWS1, YM03, LIOB, CHKT, NSTT, ANP, NTST, NCU, NCUH, IRIF, TWY, YUS, SBCB, HATJ, HSN, TWQ1, EDH, NSY, WJS, WWF, ELDTW, ALS, TCU, WNT, WNT1, WDJ, CHNS, CHNS, PCYT, JKRS, WCHH, WCHH, LONT, LDUT, LDUT, WGK, WDLH, STYT, STYT, TWGBT, TWG, TPUB, CHN4, JIJ, WTP, CHN2, RLNB, WTK, WTK, CHY, CHY, TWK. Each row contains station name, coordinates, and various parameters.

2015 JAN

Table with columns: TWK, CHN1, CHN1, SGST, SGST, SLGT, SLGT, JISG, WSF, WSF, ICHU, ICHU, SSD, SSD, SCST, SCST, SCST, CHN8, TSMG, MASBT, MASBT, LAY, LAY, EAST, SSPT, SSPT, SSPT, SCZT, SCZT, SLIU, HEN, TSEB, TWKBT, TWKBT, TWK1, WDGJ, WDGJ, PHUB, PHUB, PNG, PNG, PTTC, VVUC, VVUC, VVUC, VCHM, MATB, PTMZ, PTMZ, LYJJ, LYJJ, LYJJ, XPSS, KNM, KNM, MHZO, KNMB, AXDP, AXDP, KSR5, SONM, MKAR, WRA, STKA. Each row contains station name, coordinates, and various parameters.

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Table with columns: ARKR, BUJR, BUJR, DDFL, ARNR, ARNR, KORR, ZEI, TRKR, TRKR, STDR, STDR, KZRT, LSNR, LSNR, DIGR, PRTR, PRTR, DMNI, DMNI, BKRC, BKRC, TKB, MOS 20 23:27:15.9, NOR5 20 23:27:15.7, DRS 20 23:27:17.0, TIF 20 23:27:17.3, ISC 20 23:27:18.1, Code, Station Name, A, AZ, Op, Phase ID, H, m, s, Res, ISC. Includes detailed station data and a list of codes.

21d 1h

Table with columns: ARAD, ARCESS Array S, 2.60, 46, eP, Pn, 00 39 39.8 +1.0, etc.

IDC 21 01:03:10.8:1.7, 7.17N-92.71E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/39, mbtm3.6/5, ML3.9/1, Error ellipse: s-maj=48.2km s-min=28.8km az=52.0, Nicobar Islands region

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

PRU 21 01:29:24.8:0.0, 50.06N x 18.39E, h0km, Poland

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

MOS 21 01:30:06.5:0.8, 42.76N-20.35E, h13km, mb4.6/17, Error ellipse: s-maj=4.9km s-min=3.0km az=92.4

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

Balkan Peninsula

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

2015 JAN

Main table with columns: NIKY, NIKSIC, 1.01 274, i/Pg, Pg, 01 30 24.9 -1.5, etc.

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Table with columns: BAIL, BAILESTI, 2.53 59, i/P, Pn, 01 30 49.4 +0.6, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MLR, Muntele Rosu, KALAVRYTA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TEOL, ABTA, MORAVSKY, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPL, BR131, KESKIN ARRAY, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like 21d 1h, 01 32 37.1 +3.0, etc.

ASAR Alice Springs 22.21 213 P P 02 52 59.0 -0.5
FITZ Fitzroy Crossi 24.37 236 P P 02 53 17.9 -2.1
STKA Stephens Creek 27.01 100 P P 02 53 43.5 -0.3
SONM Sogingo Array 63.61 331 P P 02 58 31.5 +0.1
VNDA Vanda 72.74 177 P P 02 59 28.1 +0.3
MKAR Makanchi Array 76.76 320 P P 02 52 58.0 -0.9
ILAR Eielson Array 84.79 23 P P 03 00 34.2 +0.3

NEIC 21 03:07:40.1+1.0, 0.42S; 0.06-2.0; 1W; 0.1, h10km, 1km, mb4.4/8, Error ellipse: s-maj=19.8km s-min=6.5km az=243.0

IDC 21 03:07:40.3+1.1, 0.40S; 19.98W, h0km, mb3.9/m, mb1.4/2.1, mb1mx3.9/3.7, mbtmp4.1/1.1, ML4.3/2, MS3.6/5, MS1 3.5/5, ms1mx3.3/3.2, Error ellipse: s-maj=49.1km s-min=19.3km az=150.0

ISC 21 03:07:41.0+0.6, 0.55N; 20.02W; 0.10, h10km, n30, -0.93/28, mb4.0/1.1, MS3.6/3, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Includes stations like H10N2 ASCENSION HYDR 9.17 143, H10N3 ASCENSION HYDR 9.17 143, H10N1 ASCENSION HYDR 9.19 143, etc.

JMA 21 03:14:47.6:0.1, 34.91N; 138.47E, h211km, 1km, MB3.2
IDC 21 03:14:48.4+0.6, 34.99N; 138.58E, h212km, 7km, mb3.4/7, mb1.3/4.1, mb1mx3.1/4.0, mbtmp3.9/1.1, Error ellipse: s-maj=36.0km s-min=7.8km az=70.0

ISC 21 03:14:48.1-0.8, 34.95N; 0.05, 138.44E; 0.07, h209km, 6km, n28, -0.56/39, mb3.5/7, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Includes stations like SHZ3 Shizuoka 3, JSG Sagara, JKG Kakegawa, etc.

IDC 21 04:07:11.4-0.9, 22.220N; 81.37W, h0km, mb3.7/8, mb1.4/2.1, mb1mx3.9/4.4, mbtmp3.9/1.0, ML4.2/2, MS3.7/7, MS1 3.7/7, ms1mx3.4/3.2, Error ellipse: s-maj=33.4km s-min=17.6km az=65.0
NEIC 21 04:07:13.8+1.2, 22.22N; 0.06-81.4W; 0.1, h16km, 4km, mb4.1/44, Error ellipse: s-maj=13.9km s-min=7.9km az=73.0
SSNC 21 04:07:15.0+1.6, 22.26N; 81.42W, h15km, 20km, MD4.4, ML4.1, MW4.2

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Includes stations like MGUV Manicaragua, MGUV Manicaragua, MGUV Manicaragua, etc.

ZAIG comp=Z,7.6nm,1.1s Iamb Iamb 04 11 50.8
WMOK Wichita Mountain 19.66 313 P P 04 11 42.4 +0.2
MARP Paez Belalcasa 19.98 164 eP P 04 11 48.0 +2.9
P38A Dawn 20.18 332 P P 04 11 48.0 +0.2
P38A Iamb Iamb 04 12 04.4

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Includes stations like PCON Cinco Dias, TXAR Lajitas Arr, TXAR Lajitas Arr, etc.

IDC 21 04:24:50.1+1.8, 11.40S; 163.28E, h0km, mb3.8/5, mb1.4/0.6, mb1mx3.8/3.7, mbtmp3.9/6, ML4.5/1, MS3.3/3, MS1 3.3/3, ms1mx3.0/2.9, Error ellipse: s-maj=43.2km s-min=32.1km az=139.0

NEIC 21 04:24:56.5+1.6, 11.1S; 0.1; 163.24E; 0.09, h52km, 5km, mb4.5/10, Error ellipse: s-maj=18.6km s-min=8.4km az=214.0

ISC 21 04:24:55.4+0.7, 11.17S; 0.10; 163.32E; 0.09, h35km, n31, -0.154/26, mb4.2/1.1, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

JMA 21 04:47:28.6:0.1, 23.18N; 121.51E, h42km, 2km, M3.5
TAP 21 04:47:29.1, 23.20N; 121.53E, h37km, ML3.9, C
ISC 21 04:47:29.1+1.4, 23.18N; 0.02-121.59E; 0.02, h30km, 7km, n127, -0.138/226, 6C-9D, Taiwan

21d 4h

EDH	Donghe	0.33	232	P	Pn	04 47 37.3	-0.6
EDH	baz=216			S	Sn	04 47 43.0	-0.6
YULB	Yu-li	0.34	309	i/P	Pn	04 47 36.9	-1.1
YULB	baz=300			S	Sn	04 47 42.5	-1.4
HGSD	Ruisui	0.35	335	i/P	Pn	04 47 37.1	-1.1
HGSD	baz=345			S	Sn	04 47 45.5	+1.4
EHY	Hungye	0.41	324	i/P	Pn	04 47 37.7	-1.3
EHY	baz=318			eS	Sn	04 47 43.6	-2.0
LONT	Longtian	0.50	237	i/P	Pn	04 47 39.1	-1.1
LONT	baz=239			eS	Sn	04 47 47.7	0.0
EGFH	Guangfu	0.51	344	P	Pn	04 47 39.4	-1.0
EGFH	baz=337			eS	Sn	04 47 46.7	-1.4
LDUT	Ludao	0.51	192	i/P	Pn	04 47 39.3	-1.1
LDUT	baz=184			S	Sn	04 47 47.6	-0.5
ELDTW	Lidau	0.52	272	i/P	Pn	04 47 38.9	-1.7
ELDTW	baz=267			S	Sn	04 47 45.7	-2.9
TTN	Taitung	0.58	224	eP	Pn	04 47 41.0	-0.3
TTN	baz=211			eS	Sn	04 47 49.9	+0.1
TWGBT	Beinan	0.59	233	i/P	Pn	04 47 39.9	-1.5
TWGBT	baz=237			eS	Sn	04 47 47.5	-2.5
TWG	Pinlang	0.59	233	P	Pn	04 47 39.8	-1.6
TWG	baz=237			eS	Sn	04 47 47.7	-2.3
ESL	Shilin	0.65	348	P	Pn	04 47 40.7	-1.6
ESL	baz=346			S	Sn	04 47 48.9	-2.6
STYT	Tauyuan	0.76	269	i/P	Pn	04 47 42.9	-1.0
STYT	baz=266			eS	Sn	04 47 52.6	-1.8
ALS	Alishan	0.79	295	i/P	Pn	04 47 44.0	-0.5
ALS	baz=295			S	Sn	04 47 54.2	-1.2
HWA	Hwallen	0.80	1	eP	Pn	04 47 43.7	-0.6
HWA	baz=17			eS	Sn	04 47 55.4	+0.3
ECL	Taimali	0.82	225	eP	Pn	04 47 42.5	-2.1
ECL	baz=220			eS	Sn	04 47 53.0	-2.6
SSLB	Suanglung	0.84	317	i/P	Pn	04 47 44.0	-0.9
SSLB	baz=323			S	Sn	04 47 54.0	-2.3
WHYT	Xinyi Township	0.85	308	eP	Pn	04 47 44.8	-0.2
WHYT	baz=313			eS	Sn	04 47 55.7	-0.8
SLGT	Liugui	0.88	258	P	Pn	04 47 45.2	-0.3
SLGT	baz=255			eS	Sn	04 47 56.6	-0.7
TPUB	Ta-pu	0.89	278	i/P	Pn	04 47 45.4	-0.2
TPUB	baz=276			S	Sn	04 47 57.0	-0.4
TWD	Chiawan	0.90	1	eP	Pn	04 47 45.0	-0.8
TWD	baz=354			eS	Sn	04 47 56.1	-1.6
SGST	Jiashian	0.93	264	i/P	Pn	04 47 45.3	-0.8
SGST	baz=261			S	Sn	04 47 57.7	-0.7
CHN4	Tsushan	0.93	281	i/P	Pn	04 47 46.0	-0.1
CHN4	baz=279			eS	Sn	04 47 58.8	+0.4
CHN5	Tsauling	0.93	297	i/P	Pn	04 47 46.3	+0.1
CHN5	baz=297			S	Sn	04 47 59.4	+0.8
SMLT	Sun Moon Lake	0.94	318	i/P	Pn	04 47 46.2	-0.2
SMLT	baz=325			S	Sn	04 47 57.7	-1.3
CHN1	Nanshi	0.97	271	i/P	Pn	04 47 47.0	+0.3
CHN1	baz=268			eS	Sn	04 48 00.1	+0.6
SSD	Sandimen	0.98	244	P	Pn	04 47 45.9	-0.8
SSD	baz=240			eS	Sn	04 47 59.2	-0.4
TSMG	Majia	0.98	242	P	Pn	04 47 45.9	-1.0
TSMG	baz=237			eS	Sn	04 47 59.0	-0.8
TYC	Yuchr	0.98	317	i/P	Pn	04 47 46.7	-0.2
TYC	baz=329			S	Sn	04 47 59.4	-0.4
NACB	Ninganchiao	0.99	1	eP	Pn	04 47 45.6	-1.4
NACB	baz=355			eS	Sn	04 47 57.0	-3.1
SNST	Tainan City	1.00	273	P	Pn	04 47 47.6	+0.5
SNST	baz=270			eS	Sn	04 48 00.8	+0.6
WHF	Heluan Shan	1.01	343	P	Pn	04 47 46.4	-1.2
WHF	baz=349			eS	Sn	04 47 59.2	-1.8
WPL	Puli Township	1.01	325	eP	Pn	04 47 46.9	-0.3
WPL	baz=336			Pn	04 47 47.4	+0.1	
TWK	Hsinying	1.01	275	P	Sn	04 48 01.9	+1.4
TWK	baz=273			eS	Sn	04 48 01.9	+1.4
WJS	Zhushan	1.02	309	P	Pn	04 47 47.5	+0.2
WJS	baz=310			S	Sn	04 48 01.1	+0.5
ETLH	Xiulin Townshi	1.03	355	P	Pn	04 47 46.7	-0.9
ETLH	baz=1.0			eS	Sn	04 47 58.5	-2.5
TAW	Tawu	1.03	218	eP	Pn	04 47 46.3	-1.2
TAW	baz=213			eS	Sn	04 47 59.0	-1.9
EAST	Anshuo	1.04	221	P	Pn	04 47 46.2	-1.5
EAST	baz=216			eS	Sn	04 48 00.4	-0.9
MASBT	Mashibuluo	1.04	238	P	Pn	04 47 46.9	-0.8
MASBT	baz=229			eS	Sn	04 47 59.9	-1.3
DPDB	Guoxing	1.04	325	i/P	Pn	04 47 47.8	0.0
DPDB	baz=336			S	Sn	04 48 00.3	-1.1
SCST	Cishan	1.05	254	P	Pn	04 47 47.9	+0.2
SCST	baz=250			eS	Sn	04 48 03.7	+2.4
WGK	Gukeng	1.07	299	P	Pn	04 47 48.6	+0.6
WGK	baz=310			S	Sn	04 48 03.4	+1.6
CHN2	Minshiang	1.08	289	P	Pn	04 47 48.5	+0.3
CHN2	baz=273						

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CHN2	baz=273	eS	Sn	04 48 03.5	+1.4		
WNT	Mingjian	1.08	310	P	Pn	04 47 48.7	+0.5
WNT	baz=311	eS	Sn	04 48 02.7	+0.5		
WDLH	Douliu	1.09	298	P	Pn	04 47 49.0	+0.7
WDLH	baz=309	eS	Sn	04 48 03.3	+0.9		
SGLT	Jiuru	1.10	246	eP	Pn	04 47 49.1	+0.6
SGLT	baz=243	eS	Sn	04 47 49.4	+0.9		
WNT1	Nantou City	1.10	311	P	Pn	04 48 02.8	+0.1
WNT1	baz=312	eS	Sn	04 47 48.7	-0.2		
FUSS	Fushou	1.11	344	P	Pn	04 48 01.6	-1.7
FUSS	baz=358	eS	Sn	04 47 48.5	-0.1		
CHY	Chiayi	1.11	287	P	Pn	04 48 03.7	+0.7
CHY	baz=285	eS	Sn	04 47 51.4	+2.6		
TSPT	Pingtung City	1.12	244	eP	Pn	04 47 50.5	+1.7
TSPT	baz=241	eS	Sn	04 48 06.3	+3.1		
CHN3	Shinhua	1.13	265	P	Pn	04 47 50.6	+1.8
CHN3	baz=262	eS	Sn	04 48 07.6	+4.3		
TWM1	Shoushan	1.13	252	P	Pn	04 47 47.8	-1.1
TWM1	baz=248	eS	Sn	04 48 02.5	-1.0		
LAY	Lan-yu	1.13	182	P	Pn	04 47 48.8	-0.3
LAY	baz=170	eS	Sn	04 48 01.8	-2.0		
TWT	Tachien	1.14	341	i/P	Pn	04 47 48.7	-0.5
TWT	baz=345	S	Sn	04 48 02.0	-1.9		
TDCB	Techi	1.14	340	P	Pn	04 47 48.7	-0.5
TDCB	baz=345	eS	Sn	04 48 02.0	-1.9		
SSPT	Xinbi	1.16	234	P	Pn	04 47 49.7	+0.4
SSPT	baz=222	eS	Sn	04 48 05.4	+1.2		
WWF	Wufeng	1.19	317	eP	Pn	04 47 49.8	+0.2
WWF	baz=305	eS	Sn	04 48 06.1	+1.3		
SCZT	Fangliu	1.20	228	P	Pn	04 47 49.5	-0.3
SCZT	baz=222	eS	Sn	04 48 06.8	+1.8		
SLIU	Shizi	1.20	217	eP	Pn	04 47 48.6	-1.3
SLIU	baz=213	eS	Sn	04 47 49.8	-0.2		
WTK	Tuku	1.21	295	P	Pn	04 48 05.7	+0.3
WTK	baz=294	S	Sn	04 47 49.9	-0.2		
ICHU	Yijhu	1.21	279	P	Pn	04 48 07.2	+1.8
ICHU	baz=276	S	Sn	04 47 48.4	-1.7		
WLBG	Puzi	1.22	285	eP	Pn	04 48 05.8	+0.2
WLBG	baz=282	eS	Sn	04 47 51.8	+1.6		
SNJT	Kaohsiung City	1.23	250	P	Pn	04 48 09.8	+4.1
SNJT	baz=246	eS	Sn	04 47 51.6	+1.1		
WHP	Taichung City	1.24	332	P	Pn	04 48 07.2	+0.9
WHP	baz=336	eS	Sn	04 47 50.0	-0.6		
ENA	Nanau	1.25	7	eP	Pn	04 48 05.8	-0.6
ENA	baz=23	eS	Sn	04 47 50.5	-0.3		
NNSB	Datong	1.26	352	P	Pn	04 48 04.8	-2.0
NNSB	baz=7.0	eS	Sn	04 47 50.5	-0.3		
NNSH	Datong	1.26	352	eP	Pn	04 48 05.1	-1.7
NNSH	baz=7.0	eS	Sn	04 47 51.3	+0.3		
NNS	Nan Shan	1.27	351	eP	Pn	04 48 05.5	-1.6
NNS	baz=7.0	eS	Sn	04 47 50.8	0.0		
CHN8	Yiji	1.27	278	eP	Pn	04 48 08.2	+1.3
CHN8	baz=275	eS	Sn	04 47 52.6	+1.8		
TCU	Taichung	1.28	319	eP	Pn	04 48 08.5	+1.5
TCU	baz=308	eS	Sn	04 47 51.0	+0.1		
ENAH	Nanao	1.28	9	eP	Pn	04 47 52.2	+1.0
ENAH	baz=14	eS	Sn	04 48 09.1	+1.4		
WCHH	Zhanghua	1.30	314	eP	Pn	04 47 53.7	+2.0
WCHH	baz=315	eS	Sn	04 48 09.2	+0.8		
WSF	Szhu	1.33	290	eP	Pn	04 47 55.4	+3.0
WSF	baz=289	eS	Sn	04 48 15.0	+5.4		
WLCH	Liugu	1.38	234	eP	Pn	04 47 56.8	+4.2
WLCH	baz=230	eS	Sn	04 48 14.0	+4.0		
TWP	Hsioliuchiu	1.42	207	eP	Pn	04 47 52.4	-0.4
TWP	baz=230	eS	Sn	04 48 10.6	+0.1		
TSEB	Hengchuen, Pin	1.42	207	eP	Pn	04 47 53.1	+0.2
TSEB	baz=196	eS	Sn	04 48 09.6	-1.0		
NDT	Datong Townshi	1.42	357	eP	Pn	04 47 52.3	-0.6
NDT	baz=3.0	eS	Sn	04 48 09.5	-1.1		
TWKBT	Hengchun	1.42	210	eP	Pn	04 47 52.4	-0.5
TWKBT	baz=197	eS	Sn	04 48 09.6	-1.0		
TWK1	Hengchun	1.42	211	eP	Pn	04 47 54.5	+1.2
TWK1	baz=197	eS	Sn	04 48 13.1	+1.9		
NSY	Sanyi	1.45	329	eP	Pn	04 47 54.6	+1.4
NSY	baz=333	eS	Sn	04 48 10.9	-0.3		
TWC	Suao	1.45	10	eP	Pn	04 47 53.8	+0.5
TWC	baz=16	eS	Sn	04 48 14.2	+2.8		
WDJ	Daj District	1.45	324	eP	Pn	04 47 54.2	+0.2
WDJ	baz=327	eS	Sn	04 48 11.7	-0.9		
YHNB	Yeheng	1.50	353	P	Pn	04 47 54.4	+0.2
YHNB	baz=359	eS	Sn	04 47 54.4	+0.2		
NSK	Sanguang	1.51	352	P	Pn	04 48 12.0	-0.8
NSK	baz=358	eS	Sn	04 47 55.0	+0.3		
NMLH	Miaoili	1.54	332	eP	Pn	04 47 55.0	+0.5
NMLH	baz=336	eS	Sn	04 47 55.0	+0.5		
TWE	Neicheng	1.54	3	eP	Pn	04 47 56.8	+2.2
TWE	baz=8.0	eS	Sn				
NSTT	Nanjiang	1.54	340	eP	Pn		
NSTT	baz=346						

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NSTT	baz=346	eS	Sn	04 48 14.7	+1.1		
LIOB	Emei	1.55	341	P	Pn	04 47 55.9	+1.1
LIOB	baz=346	eS	Sn	04 48 15.6	+1.7		
NWLT	Wulai	1.60	357	eP	Pn	04 47 55.6	+0.3
NWLT	baz=4.0	eS	Sn	04 48 14.9	0.0		
NTC	Toucheng	1.69	8	eP	Pn	04 47 57.9	+1.3
NTC	baz=4.0	eP	Pn	04 47 58.5	+1.9		
EGS	baz=16	1.69	11	eP	Pn	04 47 57.2	-0.5
WDGT	Dungji	1.77	273	P	Pn	04 48 17.1	-2.2
WDGT	baz=270	eS	Sn	04 48 19.9	+0.5		
JYNG	Yongunijimaku	1.78	44	eS	Pn	04 48	

SFS 21 04:50:26.0, 43.00N, 1.70W, h3km, ML2.6, BEINTZA-LABAIEN (NAVARRA)

INMG 21 04:50:26.7, 1.0, 43.05N, 1.74W, h3km, 3km, ML2.4, Error ellipse: s-maj=1.8km s-min=1.6km az=160.0

MDD 21 04:50:26.8, 0.4, 43.05N, 1.74W, h3km, 3km, mlb, G.2/4, Error ellipse: s-maj=3.3km s-min=2.8km az=136.0, PPIXIMO

STR 21 04:50:27.6, 0.6, 43.02N, 1.71W, h10km, MLV2.6/6, smi:scs:0.6/LOCSAT earthModelID

smi:scs:0.6/pyrenees_taup-2.11 preliminary LDG 21 04:50:27.0, 0.1, 43.09N, 1.70W, h3km, M2.9/1, M12.9/36, Error ellipse: s-maj=1.4km s-min=1.2km az=108.0

ISC 21 04:50:26.4, 0.9, 43.06N, 0.102, 1.75W, 0.02, h15km, 6km, n88, e242/169, 1C-1D, Pyrenees

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hachiojimakas, Mitsune, Chichijima, Kuroka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like East Wray Mesa, Nyswonger Mesa, Radium Mtn., etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like KKAR, KKBK, KKBK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like AFDM, NEW, NEW, BEKR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like BOZ, BOZ, HEC, etc.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error. Includes stations like WUAZ, 214A, SUMG, etc.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error. Includes stations like SFJD, Kangerlussuaq, Sierra La Laguna, etc.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error. Includes stations like WRA, FITZ, KAPI, etc.

IDC 21 07:16:46.0:384.0,54:17N:59.66E,h0km, Error ellipse: s-maj=168.2km s-min=78.8km az=9.0, Ural Mountains region

IDC 21 07:51:33.1:2.0,6:77S:129.57E,h151km,23km,mb3.4/3, mb1 3.8/8, mb1mx3.3/45, mbtmp4.1/8, MS2.7/1, Ms1 2.7/1, ms1mx2.3/30, Error ellipse: s-maj=23.8km s-min=17.2km az=100.0

IDC 21 07:51:34.7:0.8,6:94S:100.6:0.06:129.67E:0.07,h200km,n15, c:319.20,mb3.5/3, Banda Sea

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error. Includes stations like SAUI, SAUI, SAUI, etc.

NNC 21 08:03:52.7:8.2,37:08N:70.65E,h0km,mb4.3,mpv4.2, Error ellipse: s-maj=65.4km s-min=43.1km az=172.0

IDC 21 08:04:03.2:1.9,37:97N:70.61E,h0km,mb3.5/3, mb1 3.7/9, mb1mx3.4/53, mbtmp3.6/9, ML3.3/8, MS3.8/1, Ms1 3.8/1, ms1mx2.7/44, Error ellipse: s-maj=25.1km s-min=20.4km az=156.0

IDC 21 08:04:07.7:0.9,38:55N:106.7:0.06:70.34E:0.07,h10km,n24, c:288.23,mb3.5/3,3C-6D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error. Includes stations like AML, AKK31, UCH, etc.

IDC 21 07:10:35.8:1.5,51:27S:141.21E,h0km,mb4.0/4, mb1 4.2/5, mb1mx3.8/27, mbtmp4.0/5, ML3.8/7, MS3.4/2, Ms1 3.5/2, ms1mx3.1/28, Error ellipse: s-maj=116.0km s-min=24.0km az=81.0, Western Indian-Antarctic Ridge

NEIC 21 08:16:58.9-1.5, 17.6S:0.2-178.4W:0.2, h53km, 13km, mb4.2/15, Error ellipse: s-maj=26.3km s-min=20.7km az=149.0

IDC 21 08:16:58.5-1.4, 17.71S:178.29W, h530km, 17km, mb3.2/5, mb1 3.4/7, mb1mx3.0/32, mbtmp4.1/7, Error ellipse: s-maj=26.0km s-min=21.5km az=144.0

ISC 21 08:16:59.4-0.8, 17.65S:0.2-178.3W:0.1, h547km, n23, s=1943/23, mb4.1/12, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Nonsavu, Afiamatu, Niue, Omahuta, Urewera, etc.

IDC 21 08:34:50.1-31.0, 25.84S:175.17W, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/29, mbtmp3.9/4, Error ellipse: s-maj=57.0km s-min=158.4km az=82.0, South of Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Charters Tower, Stephens Creek, Alice Springs, etc.

IDC 21 08:39:39.8-14.0, 54.25N:159.84E, h0km, Error ellipse: s-maj=106.2km s-min=36.6km az=49.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like PETROPAVLOVSK, Petropavlovsk, FAIRBANKS INFR, etc.

IDC 21 08:46:31.4-1.1, 13.64N:91.28W, h0km, mb3.9/9, mb1 4.2/21, mb1mx4.0/40, mbtmp3.9/12, ML3.9/3, Error ellipse: s-maj=43.4km s-min=14.8km az=42.0

NEIC 21 08:46:34.2-2.9, 13.40N:0.09-91.52W:0.0/7, h25km, 6km, mb4.3/44, Error ellipse: s-maj=13.9km s-min=7.2km az=212.0

UCR 21 08:46:36.7-1.2, 13.70N:91.37W, h13km, 9km, ML3.8, mb4.3(NEIC)

SNET 21 08:46:36.5-1.1, 13.68N:91.37W, h13km, 10km, ML4.0

ISC 21 08:46:36.5-0.9, 13.51N:0.08-91.54W:0.0/6, h38km, 2km, n102, s1932/102, mb4.2/29, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Retalhuleu, Huehuetenango, El Retiro, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CCIG Comitán, COEB Comit de Emé, COEB Comit de Emé, etc.

IDC 21 08:54:33.9-2.7, 3.08S:135.28E, h0km, mb3.1/2, mb1 3.4/4, mb1mx3.3/35, mbtmp3.3/4, ML3.1/1, Error ellipse: s-maj=70.1km s-min=27.0km az=63.0, Irian Jaya region

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

NEIC 21 09:09:12.4-0.5, 10.75S:0.2-164.18E:0.0, h64km, 24km, mb4.2/8, Error ellipse: s-maj=34.7km s-min=2.7km az=197.0

IDC 21 09:09:12.6-6.8, 10.80S:164.15E, h63km, 29km, mb3.8/4, mb1 3.9/7, mb1mx3.5/62, mbtmp4.1/7, ML4.0/3, MS3.3/2, Ms1 3.3/2, ms1mx2.9/38, Error ellipse: s-maj=104.3km s-min=22.2km az=41.0

ISC 21 09:09:12.8-2.0, 11.0S:0.2-164.0E:0.2, h35km, n18, s1930/21, mb4.2/8, Santa Cruz Islands region

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

IDC 21 09:10:21.2-1.3, 41.08N:72.65E, h0km, mb3.9/8, mb1 4.0/13, mb1mx3.7/67, mbtmp3.9/13, ML3.6/5, MS3.9/2, Ms1 3.9/2, ms1mx2.9/45, Error ellipse: s-maj=22.5km s-min=11.6km az=162.0

ISU 21 09:10:22.4-1.1, 13N:72.63E, h5km, Hypocentre not reviewed by the ISC

BUL 21 09:10:22.6-0.0, 41.12N:72.39E, h18km, mb3.7/2, ML3.6/2

KNET 21 09:10:23.0-0.4, 41.29N:72.63E, h0km, mb3.8, Error ellipse: s-maj=6.7km s-min=2.7km az=132.0

KRNET 21 09:10:23.6-0.1, 41.21N:72.64E, h14km, mb4.3

NNC 21 09:10:25.6-0.7, 41.32N:72.70E, h0km, mb4.7, mpv4.4, Error ellipse: s-maj=5.8km s-min=3.7km az=177.0

MOS 21 09:10:27.3-3.4, 40.99N:72.34E, h33km, mb4.2/5, Error ellipse: s-maj=7.3km s-min=4.6km az=67.2

SOME 21 09:10:27.7-1.1, 41.42N:72.68E, h15km

NEIC 21 09:10:28.3-1.0, 41.26N:0.05-72.59E:0.0/9, h43km, 8km, mb4.1/7, Error ellipse: s-maj=11.3km s-min=4.8km az=117.0

ISC 21 09:10:24.8-0.9, 41.25N:0.02-72.70E:0.0/2, h11km, 6km, n183, s195/258, mb4.0/15, MS3.9/3, 51C-27D, Kyrgyzstan

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

21d 10h

ASAR S Sn 09 23 24.9 -1.9
MKAR Makanchi Array 67.09 300 P 09 27 02.9 0.0

IDC 21 10:09:34:18.1±1.3, 111.115:161.78E, h0km, mb3.7/6,
mb1 3.9/7, mb1mx3.7/35, mbtmp3.7/7, ML4.0/1, MS3.5/3,

Code Station Name Az Phase ID Time Res
HNR Honiara 2.50 314 Pn 09 34 59.1 -2.3
HNR Stephens Creek 27.76 219 LR 09 50 06.1

JMA 21 10:27:39.0±0.2, 33.28N:137.72E, h374km, M2.8
IDC 21 10:27:40.7±5.8, 33.08N:136.98E, h308km, 128km,

Code Station Name Az Phase ID Time Res
TTO2 TONANKAI O.B.S 6.61 296 Op 10 28 27.4 +1.3
JIE Ise 1.23 319 Pn 10 28 29.3 +0.6

SNET 21 10:42:48.6±1.1, 12.15N:89.46W, h16km±11km, ML3.8
INET 21 10:42:52.7, 12.29N:89.36W, h15km, MW3.2

Code Station Name Az Phase ID Time Res
LALI Alcaldia de L 1.05 359 eP 10 43 12.1 +0.4
LALI Alcaldia de L 1.05 359 eP 10 43 12.1 +0.4

NEIC 21 10:42:55.2±0.2, 12.60N:0.03:89.24W:0.06, h35km±2km,
mb4.5/53, Error ellipse: s-maj=10.5km s-min=5.4km

Code Station Name Az Phase ID Time Res
LALI Alcaldia de L 1.05 359 eP 10 43 12.1 +0.4
LALI Alcaldia de L 1.05 359 eP 10 43 12.1 +0.4

IDC 21 10:42:57.3±3.3, 12.94N:88.94W, h39km±29km, mb3.7/8,
mb1 4.0/10, mb1mx3.7/49, mbtmp3.9/10, ML3.4/2, Error

Code Station Name Az Phase ID Time Res
LALI Alcaldia de L 1.05 359 eP 10 43 12.1 +0.4
LALI Alcaldia de L 1.05 359 eP 10 43 12.1 +0.4

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ESQI Esquipulas 2.12 359 eP Pn 10 43 28.1 +1.7
ESQI Esquipulas 2.12 359 eP Pn 10 43 28.1 +1.7

NEIC 21 10:51:14.9±1.9, 51.52N:0.09:172.70W:0.08, h42km, 984,
Error ellipse: s-maj=13.5km s-min=6.7km az=184.0

Code Station Name Az Phase ID Time Res
KOPF Korovin Flat P 1.02 305 Op Pn 10 51 34.5 +1.3
ATKA Atka Island 1.03 299 Pn Pn 10 51 33.7 +0.4

JMA 21 10:44:18.3±2.91N:130.81E, h10km±1km, M0.9, Kyushu
Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res
JNU Nakatsuue 0.22 15 Op Pn 10 44 23.1 +0.2
JNU Tamana 0.24 283 P Pg 10 44 23.5 +0.3

NEIC 21 10:51:15.4±0.6, 51.71N:0.09:172.74W:0.04, h35km,
n123, s193523, mb4.1/30, MS4.0/3, T, Andreanof

Code Station Name Az Phase ID Time Res
JNU Nakatsuue 0.22 15 Op Pn 10 44 23.1 +0.2
JNU Tamana 0.24 283 P Pg 10 44 23.5 +0.3

JMA 21 10:45:59.7, 36.81N:137.90E, h2km±1km, M0.8, Eastern
Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res
MAT Matsushiro 0.36 137 Op Pn 10 46 11.7 +0.3
MAT Matsushiro 0.36 137 P Pg 10 46 07.0 0.0

IDC 21 10:51:10.4±0.1, 51.80N:172.83W, h0km, mb4.0/10,
mb1 4.2/21, mb1mx1.4/9, mbtmp4.0/21, ML3.7/13, MS3.6/3,

Code Station Name Az Phase ID Time Res
MAT Matsushiro 0.36 137 Op Pn 10 46 11.7 +0.3
MAT Matsushiro 0.36 137 P Pg 10 46 07.0 0.0

984

NEIC 21 10:51:14.9±1.9, 51.52N:0.09:172.70W:0.08, h42km, 984,
Error ellipse: s-maj=13.5km s-min=6.7km az=184.0

NEIC 21 10:51:15.4±0.6, 51.71N:0.09:172.74W:0.04, h35km,
n123, s193523, mb4.1/30, MS4.0/3, T, Andreanof

Code Station Name Az Phase ID Time Res
KOPF Korovin Flat P 1.02 305 Op Pn 10 51 34.5 +1.3
ATKA Atka Island 1.03 299 Pn Pn 10 51 33.7 +0.4

JMA 21 10:44:18.3±2.91N:130.81E, h10km±1km, M0.9, Kyushu
Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res
JNU Nakatsuue 0.22 15 Op Pn 10 44 23.1 +0.2
JNU Tamana 0.24 283 P Pg 10 44 23.5 +0.3

NEIC 21 10:51:15.4±0.6, 51.71N:0.09:172.74W:0.04, h35km,
n123, s193523, mb4.1/30, MS4.0/3, T, Andreanof

Code Station Name Az Phase ID Time Res
JNU Nakatsuue 0.22 15 Op Pn 10 44 23.1 +0.2
JNU Tamana 0.24 283 P Pg 10 44 23.5 +0.3

JMA 21 10:45:59.7, 36.81N:137.90E, h2km±1km, M0.8, Eastern
Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res
MAT Matsushiro 0.36 137 Op Pn 10 46 11.7 +0.3
MAT Matsushiro 0.36 137 P Pg 10 46 07.0 0.0

IDC 21 10:51:10.4±0.1, 51.80N:172.83W, h0km, mb4.0/10,
mb1 4.2/21, mb1mx1.4/9, mbtmp4.0/21, ML3.7/13, MS3.6/3,

Code Station Name Az Phase ID Time Res
MAT Matsushiro 0.36 137 Op Pn 10 46 11.7 +0.3
MAT Matsushiro 0.36 137 P Pg 10 46 07.0 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MJAR, MCMT, NVAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like USA0B, USRK, USRJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like OUZ, WCU, WAZ, etc.

21d 13h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PERV, TVAN, VAN, BLIS, GURU, etc.

2015 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like DYBB, YEDI, DIYA, AKDA, etc.

988

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MIB, RST, KBD, RDF, etc.

21d 15h

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

NSSP 21 14:07:46.5, 38°28'N; 42°78'E, h10km, Ms3.2
DDA 21 14:07:46.6, 38°29'N; 42°82'E, h10km, 2km, ML3.4
ISK 21 14:07:46.7, 38°30'N; 42°83'E, h4km, ML3.5/2.0
TEH 21 14:07:47.0, 38°31'N; 42°85'E, h6km, ML3.6
ISC 21 14:07:47.5, 0.9, 38°30'N; 0.02, 42°83'E; 0.02, h7km, 7km, n70, r12/100, Turkey

Main table for 21d 15h section, listing station data for various stations like AKDM, GEVA, VANB, etc.

2015 JAN

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

BAYT Aydinpete-Bayb 2.96 316 PN Pn 14 08 35.9 +0.9
IHRS Heris 3.31 88 ePn Pn 14 08 41.6 +1.6
MALT Malatya 3.46 272 PN Pn 14 08 43.7 +1.8
ILIC ilic-Erzincan 3.52 290 PN Pn 14 08 43.9 +1.2

ISC 21 14:16:59.9, 0.6, 6°16'S; 127.95°E; 0.07, h350km, n31, r172/34, mb3.67, Banda Sea

SAUI Saumlaki 3.78 119 Pn Pn 14 18 09.9 +3.1
SOE Soe 5.10 225 PN Pn 14 18 23.5 +2.7
FAKI Fak Fak 5.36 53 Pn Pn 14 18 26.3 +2.7
BATI Batumai 5.84 226 Pn Pn 14 18 31.8 +2.8

ISC 21 15:26:40.1, 3.2, 50°00'N; 88.98°E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=25.5km s-min=18.7km az=101.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

ISC 21 15:26:38.5, 1.2, 50.27°N; 0.04, 88.92°E; 0.03, h7km, 10km, n22, r22/38, TC-40, Southwestern Siberia

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

Code Station Name Az Az' Phase ID Time Res h m s ISC
CUR Chagan-Uzun 0.40 246 P Pn 15 26 46.4 +0.1
CUR CUR 1.56 51.0 Pn Pn 15 26 51.5 -0.1
ULGR Ulagan, Altay 0.71 301 P Pn 15 26 54.0 -1.0

990

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

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

Code Station Name Az Az' Phase ID Time Res h m s ISC
CKFL Kef-Lekhel 1.04 50 P Pn 15 06 33.1 +0.5
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1
CMAH Djebel Manchou 1.62 56 P Pn 15 06 42.1 +0.1

FUSS	baz=277	eS	Sn	16 31 28.2 -0.5	
TWB1	Santiao Chiao	0.96 344	eP	Pn	16 31 14.6 -0.8
TWB1	baz=342	S	Sb	16 31 27.4 -0.3	
HGSD	Ruisui	0.97 233	eP	Pn	16 31 14.8 -0.9
HGSD	baz=232	eS	Sb	16 31 28.3 +0.3	
TIPB	Shuangxi	0.98 335	eP	Pn	16 31 15.2 -0.5
TIPB	baz=332	S	Sb	16 31 27.1 -1.1	
NWLT	Wulai	0.99 315	P	Pn	16 31 15.7 -0.2
NWLT	baz=311	eS	Sn	16 31 28.6 -0.6	
CHGB	Renai	1.01 269	eP	Pn	16 31 15.9 -0.3
CHGB	baz=254	eS	Sb	16 31 29.2 0.0	
YHNB	Yeheng	1.01 306	eP	Pn	16 31 15.8 -0.3
YHNB	baz=290	eS	Sb	16 31 28.9 -0.2	
TWT	Tachien	1.02 280	eP	Pb	16 31 17.0 +0.6
TWT	baz=277	eS	Pb	16 31 30.4 +0.3	
NSK	Sanguang	1.03 306	P	Pn	16 31 16.3 -0.1
NSK	baz=290	S	Sn	16 31 29.8 -0.3	
TDCB	Techi	1.04 280	eP	Pn	16 31 16.4 -0.2
TDCB	baz=277	eS	Sn	16 31 29.8 -0.6	
EHY	Hungye	1.04 237	P	Pn	16 31 16.1 -0.5
EHY	baz=236	S	Sb	16 31 30.4 +0.4	
NWF	Wu-fen Shan	1.09 336	P	Pn	16 31 17.0 -0.2
NWF	baz=333	S	Sn	16 31 31.0 -0.6	
WFSB	Wu-fen Shan	1.09 336	P	Pn	16 31 17.0 -0.2
WFSB	baz=333	eS	Sn	16 31 30.9 -0.6	
VWDT	VWDT	1.09 253	eP	Pn	16 31 17.3 +0.2
VWDT	baz=240	eS	Sb	16 31 32.7 +1.4	
TWA	Mucha	1.10 325	eP	Pb	16 31 17.8 +0.1
TWA	baz=322	S	Sb	16 31 31.6 0.0	
NHDH	Xindian Distri	1.11 322	eP	Pb	16 31 18.2 +0.3
NHDH	baz=331	S	Sn	16 31 31.6 -0.6	
YULB	Yu-li	1.13 233	eP	Pn	16 31 17.2 -0.6
YULB	baz=247	eS	Sn	16 31 32.2 -0.3	
EYUL	Yuli	1.14 231	eP	Pn	16 31 17.5 -0.4
EYUL	baz=218	eS	Sb	16 31 33.3 +0.5	
TATO	Taipei	1.15 321	eP	Pb	16 31 18.7 +0.2
TATO	baz=318	eS	Sb	16 31 33.1 +0.2	
TWF1	Yuli	1.15 231	eP	Pn	16 31 17.6 -0.5
TWF1	baz=245	eS	Sn	16 31 33.0 -0.2	
TNOU	National Taiwa	1.16 337	eP	Pn	16 31 18.2 0.0
TNOU	baz=334	eS	Sn	16 31 32.2 -1.1	
JAKR	Taipei	1.18 324	eP	Pb	16 31 18.8 -0.2
JAKR	baz=321	eS	Sb	16 31 34.2 +0.4	
TAP	Taipei	1.19 324	eP	Pn	16 31 18.7 +0.2
TAP	baz=321	eS	Sb	16 31 34.2 +0.1	
WPL	Puli Township	1.21 267	eP	eS	16 31 18.5 -0.3
WPL	baz=257	eS	Sb	16 31 34.9 +0.2	
WHP	Taichung City	1.23 280	eP	Pb	16 31 19.9 -0.1
WHP	baz=267	S	Sb	16 31 37.4 +1.8	
DPDB	Guoxing	1.23 268	eP	Pb	16 31 20.0 0.0
DPDB	baz=256	eS	Pb	16 31 35.2 0.0	
YM01	YM01	1.24 329	eP	Pb	16 31 20.7 +0.5
YM01	baz=340	S	Sb	16 31 36.6 +0.8	
SSLB	Suanguilung	1.25 257	eP	Pn	16 31 19.3 -0.1
SSLB	baz=255	eS	Sn	16 31 35.2 -0.2	
YM10	YM10	1.25 329	eP	Pn	16 31 19.6 +0.1
YM10	baz=340	eS	Sb	16 31 36.9 +0.7	
FULB	Fuli	1.26 226	eP	Pn	16 31 17.8 -1.8
FULB	baz=213	S	Sn	16 31 34.5 -1.2	
YM11	YM11	1.26 330	eP	Pb	16 31 20.6 +0.2
YM11	baz=341	eS	Sb	16 31 36.6 +0.4	
YM05	YM05	1.26 329	eP	Pb	16 31 21.1 +0.6
YM05	baz=340	eS	Sb	16 31 37.2 +0.9	
YM04	YM04	1.27 328	eP	Pb	16 31 20.0 -0.5
YM04	baz=341	eS	Sb	16 31 36.9 +0.5	
YM08	YM08	1.27 331	eP	Pb	16 31 20.3 -0.3
YM08	baz=342	eS	Sb	16 31 37.4 +0.8	
SMLT	Sun Moon Lake	1.27 261	P	Pn	16 31 19.6 -0.3
SMLT	baz=260	S	Sb	16 31 37.2 +0.4	
NTY	Taoyuan	1.28 316	eP	Pb	16 31 20.5 -0.3
NTY	baz=313	eS	Sb	16 31 37.2 +0.4	
LI0B	Emei	1.28 296	P	Pb	16 31 21.2 +0.4
LI0B	baz=294	eS	Sb	16 31 37.0 +0.2	
TWS1	Kuangyinshan	1.28 323	P	Pb	16 31 20.9 +0.1
TWS1	baz=330	eS	Sb	16 31 36.8 -0.2	
CHKT	Chengkung	1.28 221	eP	Pn	16 31 19.6 -0.3
CHKT	baz=209	eS	Sn	16 31 33.9 -2.5	
YM03	YM03	1.28 329	eP	Pn	16 31 19.7 -0.2
YM03	baz=340	eS	Sn	16 31 36.1 -0.3	
NSTT	Nanjuang	1.29 296	eP	Pb	16 31 20.9 0.0
NSTT	baz=293	eS	Sb	16 31 37.2 +0.2	
ANP	Anpu	1.30 328	eP	Pb	16 31 21.8 +0.7
ANP	baz=339	eS	Sb	16 31 37.5 0.0	
TYC	Yuehr	1.31 263	eP	Pn	16 31 20.6 +0.4
TYC	baz=261	eS	Sn	16 31 20.6 +0.4	

TYC	baz=261	eS	Sn	16 31 37.2 +0.2	
NTST	Danshui	1.32 325	eP	Pn	16 31 20.5 +0.2
NTST	baz=338	eS	Sb	16 31 38.1 +0.2	
NCU	National Centr	1.33 312	eS	Sb	16 31 40.5 +2.2
NCU	baz=309	eS	Pb	16 31 22.1 +0.5	
NCUH	Zhongli	1.33 312	eP	Sb	16 31 39.2 +0.9
NCUH	baz=309	eS	Pn	16 31 20.8 +0.1	
TWY	Chenhua	1.34 333	eP	S	16 31 38.2 -0.3
TWY	baz=330	S	Sb	16 31 21.4 +0.2	
YUS	Yu-Shan	1.35 244	eP	Sn	16 31 39.0 +0.4
YUS	baz=243	eS	Pb	16 31 21.6 -0.4	
IRIF	Iriomote-Funau	1.35 79	P	Pb	16 31 38.9 +0.1
IRIF	WHYT	1.36 254	eP	Sb	16 31 22.0 -0.1
WHYT	Xinyi Township	1.36 254	eP	Sb	16 31 38.2 0.0
WHYT	baz=241	eS	Sn	16 31 40.8 +1.3	
SBCB	Hsinchu	1.38 301	eS	Pb	16 31 23.3 +0.5
SBCB	baz=289	P	Sb	16 31 40.6 +0.4	
HATJ	Hateruma jima	1.40 91	P	Sb	16 31 22.6 -0.2
HATJ	baz=279	S	Sb	16 31 41.7 +1.5	
TWQ1	Liyutan	1.42 219	eP	Pn	16 31 20.2 -1.5
TWQ1	baz=210	eS	Sn	16 31 37.5 -2.1	
EDH	Donghe	1.44 260	eP	S	16 31 23.6 +0.1
EDH	baz=210	eS	Sb	16 31 42.6 +1.2	
WJS	Zhushan	1.44 260	eP	Sb	16 31 42.9 +1.4
WJS	baz=259	eS	Sn	16 31 21.2 -1.1	
WWF	Wufeng	1.44 269	eS	Sb	16 31 22.9 +0.3
WWF	baz=267	S	Sn	16 31 41.7 +0.5	
ELDTW	Lidau	1.46 233	eP	Pn	16 31 23.8 -0.1
ELDTW	baz=220	S	Pb	16 31 43.7 +1.6	
ALS	Alishan	1.46 248	eP	Pn	16 31 24.1 +0.1
ALS	baz=247	S	Sb	16 31 43.1 +0.8	
TCU	Taichung	1.46 273	eP	Pb	16 31 22.4 0.0
TCU	baz=271	eS	Sb	16 31 45.8 +3.5	
WNT	Mingjian	1.47 263	eP	Sb	16 31 24.9 -0.4
WNT	baz=261	eS	Sb	16 31 45.2 +0.8	
WNT1	Nantou City	1.47 264	eP	Pn	16 31 23.4 -0.3
WNT1	baz=262	S	Sn	16 31 42.5 -0.6	
CHNS	Tsauling	1.54 252	eP	Sb	16 31 22.1 -1.7
CHNS	baz=251	S	Sn	16 31 43.8 +0.3	
PCYT	Pengchayiu	1.56 353	eP	Pn	16 31 23.6 -0.3
PCYT	baz=337	eS	Sn	16 31 42.3 -1.4	
LONT	Longlian	1.57 222	eP	Pn	16 31 25.6 -0.5
LONT	baz=223	eS	Sb	16 31 44.5 +0.5	
LDUT	Ludao	1.58 208	eP	Pn	16 31 47.8 +1.1
LDUT	baz=209	eS	Sb	16 31 48.9 +1.8	
JKRS	Kuro-shima	1.59 84	P	Pb	16 31 27.7 +0.3
JKRS	baz=255	eS	Sb	16 31 47.4 -0.5	
WGK	Gukeng	1.62 256	eP	Sb	16 31 27.9 -0.3
WDLH	Douliu	1.64 257	eP	Sb	16 31 45.0 -0.8
WDLH	baz=244	eS	Sb	16 31 24.6 -0.6	
STYT	Tauyuan	1.67 237	eP	Pb	16 31 45.3 -0.6
STYT	baz=237	S	Sb	16 31 27.1 -0.8	
TWGBT	Beinan	1.67 221	eP	Pn	16 31 49.5 +0.7
TWGBT	baz=233	eS	Pb	16 31 27.9 -0.2	
TWG	Pinlang	1.67 222	eP	Pn	16 31 50.3 +1.3
TWG	baz=233	eS	Sn	16 31 26.2 +0.2	
TPUB	Ta-pu	1.70 243	eP	Pb	16 31 28.3 +0.3
TPUB	baz=243	S	Sb	16 31 49.7 -0.3	
CHN4	Tsushan	1.71 245	eP	Pb	16 31 28.0 -1.1
CHN4	baz=235	S	Sb	16 31 49.9 -1.1	
JJU	Ishigaki jima	1.73 80	P	Pn	16 31 29.5 0.0
JJU	baz=242	S	Sn	16 31 53.0 +0.2	
WTP	Ta-pu	1.73 242	eP	Sb	16 31 53.6 +0.6
WTP	baz=242	S	Sb	16 31 28.2 +0.6	
WTK	Tuku	1.77 258	eP	Pb	16 31 52.5 -0.5
WTK	baz=245	eS	Sb	16 31 28.3 +0.7	
CHY	Chiwei	1.79 252	eP	Pb	16 31 52.5 -0.6
CHY	baz=245	eS	Sb	16 31 30.1 -1.3	
CHY	baz=251	eS	Pb	16 31 54.1 -0.8	
TWK	Hsiinying	1.83 244	eP	Pb	16 31 27.7 -0.8
TWK	baz=244	S	Sn	16 31 50.8 -1.1	
CHN1	Nanshi	1.83 241	P	Pb	16 31 29.1 +0.4
CHN1	baz=241	S	Pb	16 31 51.3 -0.8	
SNST	Tainan City	1.84 243	eS	Sn	16 31 30.4 -1.4
SNST	baz=243	eS	Sb	16 31 55.4 -0.1	
SGST	Liashian	1.84 238	P	Pn	16 31 30.6 +0.7
SGST	baz=238	S	Sn	16 31 53.6 +0.7	
SLGT	Litui	1.85 234	eP	Pn	16 31 56.2 +1.9
SLGT	baz=224	eS	Sn	16 31 56.8 -1.3	
WLBG	Puzi	1.91 252	eP	Pb	16 31 31.0 +1.0
WLBG	baz=252	eS	Sb	16 31 58.3 +0.1	
ECL	Taimai	1.91 220	eP	Sn	16 31 31.0 +0.9
ECL	baz=221	S	Sn	16 31 55.6 +0.8	
JISG	Ishigakijima	1.92 74	P	Pn	16 31 55.6 +0.8
JISG	baz=221	S	Pb	16 31 55.6 +0.8	
WSF	Szhu	1.93 257	eP	Sb	16 31 55.6 +0.8
WSF	baz=272	eS	Sb	16 31 55.6 +0.8	
SSD	Sandimen	2.01 229	eP	Pn	16 31 55.6 +0.8
SSD	baz=223	eS	Sn	16 31 55.6 +0.8	
CHN3	Shinhua	2.02 241	eS	Sb	16 31 55.6 +0.8
CHN3	baz=241	eS	Pn	16 31 55.6 +0.8	
SCST	Cishan	2.02 234	eP	Pn	16 31 55.6 +0.8
SCST	baz=222	eS	Sb	16 31 55.6 +0.8	
TSMG	Majia	2.03 228	eP	Pn	16 31 55.6 +0.8
TSMG	baz=223	eS	Sn	16 31 55.6 +0.8	
TSMG	baz=223	eS	Sn	16 31 55.6 +0.8	

MASBT	Mashibuluo	2.10 226	eP	Pn	16 31 32.7 +1.6
MASBT	baz=221	eS	Sn	16 31 58.0 +1.4	
LAY	Lan-yu	2.14 198	eS	Sn	16 31 56.5 -1.0
LAY	baz=208	eS	Sn	16 31 56.5 -1.0	
EAST	Anshuo	2.14 218	P	Pn	16 31 32.8 +1.1
EAST	baz=219	eP	Pn	16 31 58.0 +0.4	
SSPT	Xinbi	2.23 225	eP	Sn	16 31 33.9 +1.0
SSPT	baz=220	eS	Sn	16 32 02.0 +2.2	
JTJ	Tarama	2.28 75	P	Pn	16 31 35.0 +1.4
JTJ	baz=220	eS	Sn	16 32 02.3 +1.3	
SCZT	Fangliu	2.28 222	eP	Pn	16 31 33.4 -0.2
SCZT	baz=218	eS	Sn	16 32 02.0 +1.0	
SLIU	Shizi	2.30 217	eP	Pb	16 31 36.3 -1.9
SLIU	baz=218	eS	Sn	16 32 03.2 +1.8	
PHUB	Peng-hu	2.54 258	eP	Pn	16 31 37.5 +0.3
PHUB	baz=257	eS	Sn	16 32 08.1 +0.7	
PNG	Penghu	2.54 259	eS	Sn	16 32 08.4 +0.9
PNG	baz=258	eS	Pn	16 31 40.2 +0.4	
VWUC	VWUC	2.73 290	eP	Sn	16 32 12.0 -0.1
VWUC	baz=288	eS	Sn	16 31 43.1 -0.8	
PTMZ	Houxiangcun	3.03 289	eP	Pn	16 32 19.4 -0.1
PTMZ	baz=288	eS	Sn	16 31 48.3 -0.7	
XPSS	Dashiqiu	3.41 327	eP	Pn	16 31 48.3 -0.7
XPSS	baz=335	eS	Sn	16 31 48.3 -0.7	

IDC 21 16:42:07.0.25 0.23:65S:174:14W,h0km,mb4.2/4,
 mb1 4.0/6,mb1mx3.6/35,mbtmp3.9/6,ML3.6/4, Error ellipse:
 s-maj=468.1km s-min=138.3km az=79.0,Tonga Islands
 region
 Code Station Name Δ° AZ° Phase ID Time Res
 h m s ISC
 CTA Charters Tower 36.85 268 Pn P 16 49 17.4 +0.2
 STKA Stephens Creek 39.80 248 P P

Table with 5 columns: ID, Name, Az, El, Pn, Pn, Az, El, Pn, Pn. Rows include Sierra Bellavi, San Fabin de, Limon Verde.

BJI 21 17:35:27.9-0.0, 42.54N:144.66E, h46km, mB5.0/23, mp4.4/40, Ms3.8/7, Ms7.3/77
MOS 21 17:35:29.5-0.9, 42.54N:144.61E, h55km, mb4.4/14, Error ellipse: s-maj=7.2km s-min=5.5km az=85.1
SKHL 21 17:35:30.8-0.1, 42.49N:144.68E, h62km, mb5.8/1, msH5.0/2
JMA 21 17:35:30.6-0.1, 42.65N:144.53E, h54km, 1km, M4.5
JMA Felt III J1
NIED 21 17:35:30.6, 42.65N:144.53E, h54km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:0.04; Mxx:2.63; Myy:-2.67; Mzz:1.02; Mxy:-3.69; Myz:0.86; Fault plane solution: Ms4.73000x10^15 NP1: phi=253.00000; delta=0.00000; lambda=165.00000; NP2: phi=161.00000; delta=0.00000; lambda=5.00000
NEIC 21 17:35:31.9-1.1, 42.50N:144.5E:0.1, h63km, 6km, mB4.6/80 Error ellipse: s-maj=14.0km s-min=5.7km az=84.0
IDC 21 17:35:32.7-2.0, 42.50E:144.50E, h63km, 16km, mb3.8/19, mb1.4/0.25, mb1mx3.9/4.7, mbtmp4.1/25, MS3.4/5, Ms1.3/4.5, ms1mx3.0/3.4, Error ellipse: s-maj=14.6km s-min=12.4km az=130.0
ISC 21 17:35:31.0-0.6, 42.53N:0.05:144.66E:0.04, h52km, 5km, n252, s1962/272, mb4.4/74, MS4.0/3, 23C-14D, Hokkaido region

Main table with columns: Code, Station Name, Az, El, Pn, Pn, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like JAK Akkeshi, JKHJN Kushirohama, JCH Ashorobuto, etc.

Main table with columns: UGL, comp=Z, 230nm, 3.0s, A, A, 17 38 38.0, etc. Includes stations like UGL Uglegorsk, UGL Uglegorsk, UGL Uglegorsk, etc.

Main table with columns: H11S1 WAKE ISLAND Hy 30.38 135 T T 18 13 55.9, H11S3 WAKE ISLAND Hy 30.39 135 T T 18 13 55.9, H11S2 WAKE ISLAND Hy 30.40 135 T T 18 13 53.8, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like H03N2, H03N3, etc.

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

21d 19h

Table with columns: Station, Name, Frequency, Power, Modulation, and other parameters. Includes stations like N25K, N25K, GLB, WRDI, K27K, etc.

2015 JAN

Table with columns: Station, Name, Frequency, Power, Modulation, and other parameters. Includes stations like EGMT, SHLS, SHLS, MCMTC, BOZ, etc.

998

Table with columns: Station, Name, Frequency, Power, Modulation, and other parameters. Includes stations like ULM, ULM, ULM, MPU, MDND, etc.

EYMN	Ely	59.70	48	P	P	19 27 47.2	-0.1
ESJX	Sierra Juarez	59.80	77	P	I	19 27 49.1	+0.7
ESJX	Sierra Juarez	59.80	77	P	I	19 27 49.7	
MVCO	Mesa Verde	59.84	67	P	P	19 27 50.0	+1.2
MVCO	Mesa Verde	59.84	67	P	P	19 27 51.0	
CMAR	Chiang Mai Arr	59.92	258	P	P	19 27 48.9	-0.3
CMAR	Chiang Mai Arr	59.92	258	P	P	19 28 34.1	-1.0
CMAR	Chiang Mai Arr	59.92	258	P	P	19 27 54.9	
Q24A	Divide	60.24	64	P	P	19 27 52.3	+0.8
OGNE	Ogallala	60.28	60	P	P	19 27 52.2	+0.7
S22A	4UR Ranch, Cre	60.30	66	P	P	19 27 53.2	+1.2
S22A	4UR Ranch, Cre	60.30	66	P	P	19 27 53.5	+1.5
113A	Mohawk Valley,	60.41	75	P	P	19 27 53.6	+1.3
113A	Mohawk Valley,	60.41	75	P	P	19 27 54.5	
X16A	Lo Mia Camp, P	60.41	72	P	P	19 27 54.5	+1.9
X16A	Lo Mia Camp, P	60.41	72	P	P	19 27 55.5	
ECSO	EROS Data Cent	60.71	55	P	P	19 27 54.7	+0.3
ECSO	EROS Data Cent	60.71	55	P	P	19 27 54.8	+0.5
E38A	The Farm, Brul	60.73	49	P	P	19 27 54.4	+0.1
OBN	Obninsk	60.84	328	P	P	19 27 56.0	+1.1
SDCO	Great Sand Dun	60.98	65	P	P	19 27 58.0	+1.4
SDCO	Great Sand Dun	60.98	65	P	P	19 27 58.1	+1.5
X18A	Snowflake	61.12	70	P	P	19 27 59.0	+1.5
NB2	NORSAR Subarra	61.23	344	P	P	19 27 56.6	-1.0
NOA	NORSAR Array B	61.23	344	P	P	19 27 56.6	-1.0
KSCO	Kaye Shedlock	61.47	62	P	P	19 28 00.6	+1.0
214A	Organ Pipe Nat	61.55	74	P	P	19 28 01.6	+1.4
214A	Organ Pipe Nat	61.55	74	P	P	19 28 01.5	+1.4
HFS	Hagfors	61.69	343	P	P	19 27 59.3	-1.3
BGNE	Belgrade	61.95	52	P	P	19 28 02.0	+0.3
I37A	Lemond, Waseca	62.01	65	P	P	19 28 03.4	+0.7
T25A	Trinidad	62.01	65	P	P	19 28 04.6	+1.2
T25A	Trinidad	62.01	65	P	P	19 28 04.6	+1.2
TUC	Tucson	62.37	73	P	P	19 28 07.2	+1.5
ANMO	Albuquerque	62.64	68	P	P	19 28 08.7	+1.1
ANMO	Albuquerque	62.64	68	P	P	19 28 08.7	+1.1
ANMO	Albuquerque	62.64	68	P	P	19 28 08.8	+1.1
ANMO	Albuquerque	62.64	68	P	P	19 28 09.9	
LENM	Lemitar	62.97	69	P	P	19 28 12.0	+2.2
CBKS	Cedar Bluff	63.05	60	P	P	19 28 10.8	+0.7
BNM	Barren Site	63.16	68	P	P	19 28 12.8	+1.6
121A	Cookes Peak, D	63.80	70	P	P	19 28 16.7	+1.4
319A	Douglas	63.90	72	P	P	19 28 17.7	+1.8
319A	Douglas	63.90	72	P	P	19 28 18.5	
VLDQ	Val d'Or	65.06	40	P	P	19 28 21.3	-1.8
VLDQ	Val d'Or	65.06	40	P	P	19 28 21.9	
AMTX	Amarillo	65.15	64	P	P	19 28 24.8	+0.8
AMTX	Amarillo	65.15	64	P	P	19 28 25.8	+0.8
MNTX	Cornudas Mount	65.73	69	P	P	19 28 28.9	+1.3
MNTX	Cornudas Mount	65.73	69	P	P	19 28 28.7	+1.0
P40A	Paris	66.13	54	P	P	19 28 30.3	+0.1
P40A	Paris	66.13	54	P	P	19 28 30.9	
GEYT	Alibeck	66.60	303	P	P	19 28 32.7	-0.5
ALGO	Algonquin Park	66.67	41	P	P	19 28 33.8	+0.4
WMOK	Wichita Mounta	66.72	62	P	P	19 28 34.1	+0.4
WMOK	Wichita Mounta	66.72	62	P	P	19 28 34.4	+0.4
WMOK	Wichita Mounta	66.72	62	P	P	19 28 34.1	+0.1
WMOK	Wichita Mounta	66.72	62	P	P	19 28 35.4	
AKASG	Malin Array B	66.87	330	P	P	19 28 33.1	-1.5
AKBB	Malin Array S1	66.87	330	P	P	19 28 33.3	-1.3
AKBB	Malin Array S1	66.87	330	P	P	19 28 33.3	-1.3
D56A	ZEC Mazanza, M	66.93	39	P	P	19 28 33.9	-1.2
S39A	Bolivar	67.02	57	P	P	19 28 35.0	-0.8
R40A	Maddies Statio	67.03	55	P	P	19 28 35.2	-0.6
R40A	Maddies Statio	67.03	55	P	P	19 28 36.4	
GS4A	Lake Saint Pet	67.13	42	P	P	19 28 36.0	-0.4
GSF	Gofitskoye	67.17	318	P	P	19 28 38.2	+1.5
GOE	St. Veronika	67.27	39	P	P	19 28 36.6	-0.6
I51A	Listowel	67.34	44	P	P	19 28 37.1	-0.6
D58A	Chemin du LacG	67.54	37	P	P	19 28 38.4	-0.6
CCM	Cathedral Cave	67.69	55	P	P	19 28 40.0	-0.1
TRQ	Mont Tremblant	67.71	39	P	P	19 28 39.4	-0.8
HHAR	Hobbs	67.86	58	P	P	19 28 40.5	+0.6
HHAR	Hobbs	67.86	58	P	P	19 28 41.5	
MGMO	Mountain Grove	67.94	56	P	P	19 28 41.0	-0.7
MGMO	Mountain Grove	67.94	56	P	P	19 28 41.9	
ABTX	Abilene, Hawle	67.97	64	P	P	19 28 42.0	+0.1
ABTX	Abilene, Hawle	67.97	64	P	P	19 28 41.9	+0.1
E58A	La Victoria	68.03	38	P	P	19 28 41.6	-0.4
FVM	French Village	68.12	54	P	P	19 28 42.6	-0.2
FVM	French Village	68.12	54	P	P	19 28 42.5	-0.2
FVM	French Village	68.12	54	P	P	19 28 43.4	
KIV	Kislodovsk	68.24	317	P	P	19 28 43.3	-0.3
KIV	Kislodovsk	68.24	317	P	P	19 28 43.3	-0.3
U40A	Yellville	68.31	57	P	P	19 28 43.4	-0.6
U40A	Yellville	68.31	57	P	P	19 28 43.7	-0.3
U40A	Yellville	68.31	57	P	P	19 28 44.4	
D61A	St Aubert, Com	68.35	36	P	P	19 28 43.3	-0.7
D60A	Saint Jean D'O	68.36	36	P	P	19 28 43.7	-0.3

TX31	Lajitas Ar. Si	68.50	69	P	P	19 28 46.2	+0.9
TX32	Lajitas Array	68.50	69	P	P	19 28 46.4	+1.1
TX32	Lajitas Array	68.50	69	P	P	19 28 47.3	
TXAR	Lajitas Array	68.50	69	P	P	19 28 46.4	+1.1
TXAR	Lajitas Array	68.50	69	P	P	19 28 46.2	+0.9
G57A	Newington	68.52	40	P	P	19 28 43.9	-1.2
EKA	Eskdalemuir Ar	68.54	351	P	P	19 28 43.5	-1.5
F59A	Saint Guillaume	68.65	38	P	P	19 28 45.2	-0.7
E60A	Ste Agathe de	68.66	37	P	P	19 28 45.4	-0.6
W39A	Magazine	68.81	58	P	P	19 28 47.0	0.0
F60A	Warwick	68.84	37	P	P	19 28 47.7	+0.7
FCAR	Ozark Folk Cen	69.03	57	P	P	19 28 48.1	-0.4
F61A	St Evariste	69.16	37	P	P	19 28 49.5	+0.4
L53A	Ward	69.20	45	P	P	19 28 48.8	-0.6
H58A	Gabriels	69.40	40	P	P	19 28 49.7	-1.0
SORM	Soroca	69.42	329	P	P	19 28 49.4	-1.2
MIAR	Mount Ida	69.43	59	P	P	19 28 51.0	+0.1
MIAR	Mount Ida	69.43	59	P	P	19 28 51.5	+0.5
WHAR	Wooley Hollow	69.44	57	P	P	19 28 51.1	+0.1
M53A	WI Miller and	69.47	46	P	P	19 28 50.4	-0.7
M53A	WI Miller and	69.47	46	P	P	19 28 50.7	-0.4
M53A	WI Miller and	69.47	46	P	P	19 28 50.8	
ACSO	Alum Creek Sta	69.53	48	P	P	19 28 51.4	-0.1
W41B	Gary Mavity, V	69.56	57	P	P	19 28 51.5	-0.2
W41B	Gary Mavity, V	69.56	57	P	P	19 28 51.9	+0.1
JCT	Junction City	69.60	66	P	P	19 28 52.5	+0.4
JCT	Junction City	69.60	66	P	P	19 28 52.2	+0.1
JCT	Junction City	69.60	66	P	P	19 28 52.5	+0.4
JCT	Junction City	69.60	66	P	P	19 28 53.7	
KWP	Kalwaria Pacia	69.60	333	P	P	19 28 51.7	-0.1
KWP	Kalwaria Pacia	69.60	333	P	P	19 28 51.7	-0.1
KWP	Kalwaria Pacia	69.60	333	P	P	19 28 51.7	-0.1
K56A	Middlesex	69.72	43	P	P	19 28 52.0	-0.6
I58A	Old Forge	69.74	40	P	P	19 28 52.3	-0.5
OJC	Ojcow	69.77	335	P	P	19 28 52.7	-0.1
OJC	Ojcow	69.77	335	P	P	19 28 52.7	-0.1
OJC	Ojcow	69.77	335	P	P	19 28 52.7	-0.1
OJC	Ojcow	69.77	335	P	P	19 28 52.9	
M54A	Oil Creek Stat	69.81	45	P	P	19 28 52.2	-1.1
X40A	Basin Creek Fa	69.84	58	P	P	19 28 53.0	-0.5
J58A	Remsen	69.91	41	P	P	19 28 52.8	-1.1
K57A	Sci Center	69.99	42	P	P	19 28 53.7	-0.6
H61A	Lyndonville	70.10	38	P	P	19 28 54.0	-0.9
L56A	Greenwood	70.11	43	P	P	19 28 54.2	-0.9
L56A	Greenwood	70.11	43	P	P	19 28 54.3	-0.7
L56A	Greenwood	70.11	43	P	P	19 28 54.4	
CLL	Collm	70.20	340	P	P	19 28 55.0	-0.4
CLL	Collm	70.20	340	P	P	19 28 55.0	-0.4
I60A	Shoreham	70.22	39	P	P	19 28 55.7	+0.1
O5TC	Ostias	70.26	338	P	P	19 28 55.6	-0.2
CHVC	Chvalec	70.26	338	P	P	19 28 55.7	-0.1
KOLS	Kolonick sedl	70.35	333	P	P	19 28 56.0	-0.4
KOLS	Kolonick sedl	70.35	333	P	P	19 28 56.0	-0.4
KOLS	Kolonick sedl	70.35	333	P	P	19 28 56.0	-0.4
G63A	Kingsbury	70.37	36	P	P	19 28 56.8	+0.2
P52A	Corning	70.39	48	P	P	19 28 56.5	-0.3
M56A	Emporium	70.42	44	P	P	19 28 56.4	-0.6
DPC	Dobruska-Polom	70.43	338	P	P	19 28 56.3	-0.6
DPC	Dobruska-Polom	70.43	338	P	P	19 28 56.3	-0.6
L57A	Andrews Acres	70.49	43	P	P	19 28 57.2	-0.2
G64A	Maxfield	70.54	36	P	P	19 28 58.0	+0.5
CRVS	Cervenica-Dubn	70.59	334	P	P	19 28 57.5	-0.3
CRVS	Cervenica-Dubn	70.59	334	P	P	19 28 57.5	-0.3
KRLC	Krailky	70.59	337	P	P	19 28 57.5	-0.4
KRLC	Krailky	70.59	337	P	P	19 28 57.5	-0.4
MORC	Moravsky Berou	70.70	337	P	P	19 28 58.0	-0.6
MORC	Moravsky Berou	70.70	337	P	P	19 28 58.1	-0.4
MORC	Moravsky Berou	70.70	337	P	P	19 28 58.1	-0.4
MORC	Moravsky Berou	70.70	337	P	P	19 28 58.1	-0.4
BURAR	Bucovina Ar	70.76	331	P	P	19 28 58.1	-0.4
BURAR	Bucovina Ar	70.76	331	P	P	19 28 58.5	-0.6
BURAR	Bucovina Ar	70.76	331	P	P	19 28 58.1	-1.0
BURAR	Bucovina Ar	70.76	331	P	P	19 28 58.4	-0.7
WVT	Waverly	70.83	54	P	P	19 28 59.9	+0.4
WVT	Waverly	70.83	54	P	P	19 28 59.7	+0.2
LANS	Liptovska Anna	70.84	335	P	P	19 28 59.9	+0.4
LANS	Liptovska Anna	70.84	335	P	P	19 29 00.0	+0.6
LANS	Liptovska Anna	70.84	335	P	P	19 29 00.0	+0.6
J61A	Chester	70.91	39	P	P	19 29 01.0	+1.1
I63A	Otisfield	70.98	37	P	P	19 29 01.3	-1.0
L59A	Walton	71.01	41	P	P	19 28 59.3	-1.3
GIRR	Girou	71.02	330	P	P	19 28 59.5	-1.0
PRU	Pruhonice	71.15	339	P	P	19 29 01.0	-0.2
PRU	Pruhonice	71.15	339	P	P	19 29 01.0	-0.2
M58A	Price's Panora	71.18					

Table with columns: IJOK, IKRE, IASK, IASK, IMKO, IMKO, IIEY, IIEY, IKSJ, IKSJ, IKAL, IKAL, ISVA, ISVA, IVSH, IVSH, IFAG, IFAG, IHVE, IHVE, IMEL, IMEL, IREN, IREN, IKVO, IKVO, IRJU, IRJU, IFED, IFED, IGRS, IGRS, IGRS, IGRS, IMJO, IMJO, IGYG, IGYG, ISKI, ISKI, IHVO, IHVO, IGHA, IGHA, IDIM, IDIM, IALF, IALF, IHLA, IHLA, BORG, BORG, BORG, BORG, SCO, SCO, SCO, SCO, EKA, EKA, DAG, DAG, DAG, DAG, SFJD, SFJD, HFS, HFS, FINES, FINES, CLL, CLL, BRG, BRG, BRG, BRG, CHVC, CHVC, KHC, KHC, KHC, KHC, DPC, DPC, GEC2, GEC2, GEC2, GEC2, GERES, GERES, GERES, GERES, KRKC, KRKC, VRAC, VRAC, KWP, KWP, PSZ, PSZ, PSZ, PSZ, YKA, YKA, YKA, YKA, YKA, YKA, AKASG, AKASG, BRTR, BRTR, BRTR, BRTR, KBZ, KBZ, KBZ, KBZ, YKA, YKA, YKA, YKA, YKA, YKA, ILAR, ILAR, ILAR, ILAR, IMAR, IMAR, DOT, DOT, BCAR, BCAR, ZALV, ZALV

Table with columns: ZALV, ZALV, KURK, KURK, EGMT, EGMT, SUA, SUA, GEYT, GEYT, GEYT, GEYT, KK07, KK07, VNE, VNE, BOZ, BOZ, YMP, YMP, HTA, HTA, MAK2, MAK2, MKR1, MKR1, MKR1, MKR1, TORO, TORO, BW06, BW06, PD31, PD31, PDAR, PDAR, AAK, AAK, N23A, N23A, HLA, HLA, NRU, NRU, PV17, PV17, PV13, PV13, PV05, PV05, PV05, PV05, SONM, SONM, SONM, SONM, ULN, ULN, ULN, ULN, WUAJ, WUAJ, WUAJ, WUAJ, TXAR, TXAR, TXAR, TXAR, CMAR, CMAR, THE 21:19:26:38.4, 38.04N:23.76E, h8km, 1km, ML1.8/12, Error ellipse: s-maj=1.3km s-min=0.4km az=134.0

Table with columns: ATAL, ATAL, ATAL, ATAL, SMIA, SMIA, SMIA, SMIA, AXAR, AXAR, AXAR, AXAR, KALE, KALE, BUJ 21 19:52:53.2, 0.5:84S:146.98E, h76km, mb5.2/34, mb4.9/59, MS5.1/14, MS7.4.8/14, NEIC 21 19:52:56.8:1.8, 5.66S:0.06:146.33E:0.07, h63km, 5km, mb5.1/126, Error ellipse: s-maj=10.9km s-min=8.7km az=77.0, MOS 21 19:52:56.8:0.9, 5.67S:146.27E, h74km, mb5.1/18, Error ellipse: s-maj=8.6km s-min=5.2km az=109.2, DJA 21 19:52:57.6:0.4, 6.5:3:14.6E, h47km, 12km, M5.0/12, mb5.4/10, mb5.1/12, MLV5.4/5, MW(m3)4.8/10, IDC 21 19:52:57.8:1.7, 5.71S:146.29E, h65km, 15km, mb4.7/30, Ms1.4.7/35, mb1mx4.7/41, mbtmp5.0/35, MS4.2/9, Ms1.4.2/9, ms1mx3.7/41, Error ellipse: s-maj=10.7km s-min=8.4km az=80.0, GCMT 21 19:52:58.8:0.3, 5.73S:0.02:146.33E:0.02, h71km, 5km, MW5.0/69, Moment Tensor Solution. s37,c49; s69,c89; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.39±.24; Mw-1.24±.19; Mw-0.15±.23; Mw-0.3±.15±.13; Mw-0.1±.19; Mw-2.56±.16; Best double couple: Mc4.23300x10^16 Np1.9x8.00000, d11.00000, i44.00000. NP2: 6x306.00000, 683.00000, 798.00000. Principal axes: T 4.5580, P1952.0000, Azm125.0000, N -40.6540, P1952.0000, Azm125.0000, P -3.9070, P1957.0000, Azm29.0000. nsta1 refers to surface waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, NOU 21 19:52:58.6, 5.69S:146.36E, h70km, mb5.1, Eastern New Guinea Reg., P.N.G., ISC 21 19:52:53.8:0.2, 5.63S:0.04:146.38E:0.04, h35km, n443, 1943/456, mb5.0/130, MS4.4/5, 17C-7D, Eastern New Guinea region

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like FITZ, LUWI, MAUMER, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NJ2, Nanjing, KSRS, Korea Array, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like LSA, SOMN, SONGINGO, etc.

21d 19h

Table with columns: TTA, Tatalina, 80.95, 23, P, P, 20 05 05.7 +1.2, etc. Lists various astronomical objects and their parameters.

2025 JAN

Table with columns: GEYT, Alibeck, 92.05, 308, P, P, 20 05 57.7 -0.9, etc. Lists astronomical objects and their parameters.

1002

Table with columns: DBIC, Dimbokro, 151.38, 274, PKPbc, PKPbc, 20 12 44.5 -0.5, etc. Lists astronomical objects and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DURS Dursunbey, CHBY Cihanbeyli, SRCK Saricakaya, etc.

NEIC 21 20:04:46.51, 3.25, 475.0, 0.07x177.2W, 0.2, h109km, 9km, mb4.3/3, Error ellipse: s-maj=30.9km s-min=5.2km az=108.0

IDC 21 20:04:50.4, 2.7, 25.70Sx177.36W, h128km, 23km, mb3.9/1, mb1.4, 1/13, mb1mx3.846, mbtmp4.3/3, 1.3, Error ellipse: s-maj=20.4km s-min=2.0km az=2.0

ISC 21 20:04:47.0, 0.7, 35.03N, 0.07x173.3W, 0.1, h100km, n43, s1506/43, mb4.1/10, 3C-3D, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRI Vriociaia, DOPR Dopca, CLLC Collim, etc.

BUI 21 20:08:30.0, 0.0, 5.83S:146.86E, h60km, mb5.4/61, mb5.6/83, MS5.3/88, MS7.5/84

NEIC 21 20:08:33.7, 5.64S:146.32E, h54km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:2.7; Mss:3.1; Mtt:0.04; Mss:3.7; Mss:1.35; Fault plane solution: Ms:2.0000; 1017; NP1:0.92; 1100000; 320.610000; 1.75.00000; NP2:0.287.56000; 0.70.00000; 1.95.38000; Principal axes: T: 5.1524, Plg5.00000; Azm206.00000; N: 0.0892, Plg5.00000; Azm106.00000; P: -5.2415, Plg25.00000; Azm13.00000;

MOS 21 20:08:33.1, 1.0, 5.64S:146.21E, h56km, mb5.8/37, MS5.2/56 Error ellipse: s-maj=6.8km s-min=4.6km az=104.9

NEIC 21 20:08:33.6, 2.1, 5.66S:0.06x146.33E:0.06, h49km, 1km, mb5.7/278, Ms 20.5/619, Mw5.6/764, Mw5.7, Mw5.7(GCMT), Error ellipse: s-maj=9.7km s-min=9.2km az=194.0

IDC 21 20:08:33.8, 1.1, 5.71S:146.29E, h50km, 9km, mb5.3/38, mb1.5/342, mb1mx5.3/47, mbtmp5.5/42, MS5.2/31, Ms1.5/2/31, ms1mx5.1/36, Error ellipse: s-maj=8.0km s-min=6.1km az=97.0

NEIC 21 20:08:35.5, 6.55S:146.32E, h60km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:1.44; Mss:1.83; Mss:3.9; Mss:4.56; Mss:0.01; Mss:2.00; Fault plane solution: Ms:2.50000x1017 NP1:0.66.00000; 1.2.000000; 1.44.00000; NP2:0.292.00000; 0.82.00000; 1.99.00000; Principal axes: T: 5.2126, Plg5.00000; Azm123.00000; N: 0.0765, Plg9.00000; Azm111.00000; P: -5.2881, Plg36.00000; Azm11.00000;

NOU 21 20:08:36.8, 5.75S:146.27E, h66km, MLS.8, Eastern New Guinea Reg, P, N, G.

DJA 21 20:08:36.1, 0.3, 6.2S:2.14E, h69km, 3km, MS.8/135, mb6.0/135, mb6.2/120, MLV6.3/7, Mw(m)5.9/120, MwMwp5.4/37, Mw5.6/37

GCMT 21 20:08:37.6, 0.1, 5.71S:146.31E:0.01, h64km, 1km, Mw5.7/146, Moment Tensor Solution. s144.c2/78; s146.c3/39; Duration: 1.88 Moment tensor: Scale 10^17 Nm; Mrr:1.76; 0.5; Mss:2.17; 0.4; Mss:0.4; 0.4; Best double couple: Ms:4.86500x1017 NP1:0.77.00000; 0.15.00000; 1.51.00000; NP2:0.296.00000; 0.73.00000; 1.99.00000; Principal axes: T: 4.7520, Plg5.00000; Azm218.00000; N: 0.2240, Plg9.00000; Azm114.00000; P: -4.9790, Plg33.00000; Azm18.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 21 20:08:37.5, 7.05S:146.31E, h67km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:1.69; Mss:2.22; Mss:0.53; Mss:4.08; Mss:0.02; Mss:2.18; Fault plane solution: Ms:5.04000x1017 NP1:0.65.00000; 0.16.00000; 1.40.00000; NP2:0.296.00000; 0.80.00000; 1.102.00000; Principal axes: T: 5.0317, Plg5.00000; Azm221.00000; N: 0.0219, Plg12.00000; Azm114.00000; P: -5.0537, Plg34.00000; Azm15.00000;

ISC 21 20:08:35.4, 0.3, 5.70S:0.03x146.37E:0.03, h68km, 2km, h69km; P-P, n1418, s1155/1346, mb5.8/352, 37C-36D, Eastern New Guinea region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA comp=Z,1.69m,19.4s, baz=45, slow=39, ScP, ScP, etc.

21d 20h

Table with columns for station name, frequency, and signal strength. Includes stations like PVCPC Virac, TWSI Taliwang, CAN Canberra, etc.

2015 JAN

Table with columns for station name, frequency, and signal strength. Includes stations like NWAOW Narrogin, SSLL Saunglung, MUN Mundaring, etc.

1004

Table with columns for station name, frequency, and signal strength. Includes stations like MRZ Mangatoinoka, QIZ Qiongzong, JMM Marumori, etc.

1005

Table with columns for flight codes (TRIT, JEW, etc.), destinations (Trang, Eniwo, etc.), times, and status indicators (P, S, etc.).

2015 JAN

Table with columns for flight codes (KMI, CM36, etc.), destinations (Kunming, Chiang Mai, etc.), times, and status indicators (P, S, etc.).

21d 20h

Table with columns for flight codes (TYV, SKR, etc.), destinations (Tymovskoe, Severo-Kuril's, etc.), times, and status indicators (P, S, etc.).

21d 20h

Table with columns: PKM, Mcpherson Peak, 96.35, 56, P, P, 20 21 58.3 +0.9, NEW, Newport, 98.56, 42, P, Pdif, 20 22 08.3 +1.4, etc.

2015 JAN

Table with columns: NEW, Newport, 98.56, 42, P, Pdif, 20 22 08.3 +1.4, NEW, Newport, 98.56, 42, P, Pdif, 20 22 05.8 -1.0, etc.

1008

Table with columns: LOHW, Long Hollow, 103.34, 47, IAMS_20, IAMS_20, 20 02 39.2, KVB, Khabaz, 103.65, 313, PP, PKIKP, 20 26 48.1 +0.5, etc.

21d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PEL Peledue, G59A Clarenceville, W56A Indian Trail, etc.

2015 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

1010

Table with columns for station name, frequency, power, and other technical details. Includes stations like NPGBS Novo Progresso, SNDB Serra Nova Du, ITTB Itaituba, etc.

JMA 21 20:46:27.6, 23.99N, 121.68E, h38km, 1km, M3.1
TAP 21 20:46:28.2, 24.02N, 121.69E, h40km, ML3.7, C
ISC 21 20:46:28.0, 0.9, 24.01N, 121.73E, E:0.02, h32km, 5km,
+143, +1808/259, 10C-9D, Taiwan

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like HWA Hwalien, HWA Chiawan, TWD Chiawan, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

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

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

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

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

Table with columns: RST, Umm Al-Ruwaisa, 79.23 302 eP, 22 07 27.6, etc. Includes stations like ARU, KMBO, BILL, GNI, BELG, KBZ, MARD, BOSHA, BOSB, SNAAR, BRTR, BRTR, BELA, VNA2, VNA3, VNA1, A21K, AKASG, MLYN, COLY, ODBI, VRI, PLOH, TESR, MLR, WLAR, BURAR, ARCES, M2AK, ARR, N2SK, CRK, INK, YKA, H04D, I04A, J04D, G05D, N02D, L04D, J05D, NEW, TORD, TORD, SC22, NVAR, SNCC, MWC, CSO, ESDC, GRAC, MPMC, HLID, BFSC, ELKC, GSC, TPNV, BBRC, BOZ, HEC, EGMT, TPFO, MONP2, GMRC, BELC, SWSC, IRM, DLG, RUMT, PDMCI, BW06, PDAR, PDAR, PDAR, DBIC, DBIC, LIC, TIC, LAO, 214A, WUAZ, Q20A, K22A, TUC, W18A, RSSD.

Table with columns: N23A, Red Feather La, 128.12 44 P, PKIKP, 22 14 30.2 0.0, etc. Includes stations like MDND, S22A, ISCO, ANMO, PLCA, T25A, MNXT, BGNE, TXAR, TXAR, TXAR, TXAR, TXAR, LSQO, JCT, GLMI, 833A, 435B, HDIL, U40A, U50A, D56A, PLTB, E56A, G54A, SFIN, D59A, I51A, D61A, E61A, F60A, G57A, G58A, G60A, F63A, H59A, P49A, H58A, I57A, J57A, OXF, M54A, J59A, I61A, BINY, I64A, ITAB, K63A, N58A, HRV, O57A, L62A, N59A, M60A, P56A, TZTN, R54A, N60A, Q56A, O58A, M61A, S54A, L63A, O59A, P57A, LRAL, M62A, DUB01, R55A, PAL, Q57A, N61A, O60A, M63A, R56A, M64A, VAS01, ALFO, CPUP, CPUP, CPUP, M65A, P59A, N63A.

Table with columns: Q58A, Fox Den Farm, 145.66 24 P, PKPpdf, 22 15 01.3 -0.1, etc. Includes stations like P60A, U54A, R57A, BLA, S56A, R58A, S57A, Q59A, BRAL, T56A, Q60A, R58B, CBN, R59A, U56A, T57A, S58A, R60A, S59A, V56A, T58A, BSFB, U57A, GOGA, S60A, BSCB, V57A, SJMB, T59A, W56A, U58A, S61A, T60A, V58A, W57A, U59A, U60A, V59A, X57A, W58A, LVC, TRCB, TIGA, U61A, W59A, X58A, V60A, BB19B, V61A, Y58A, X59A, W60A, PCMB, W61A, X60A, NHSC, Y59A, V62A, 158A, Y60A, Z59A, GDU01, AQDB, IPMB, DWPR, RCBR, JANB, NBPA, BDFB, BDFB, PP1B, ARAG, NBMO, SNTB, SMTB, OTAV, ROSB, ETMB, NPGB, GROC, DVC, BTLR, MKGR, DBC, KRNR, ARKR, LACH, TRKR.

MOS 21 21:59:53 6.0 0.0 42:300N-45:61E, h7km, MPVA3.0
NORS 21 21:59:54.2 0.0 42:32N-45:69E, h24km, MPVA3.0, Eastern Caucasus
Code Station Name A° AZ° Phase ID Time Res
GROC Groznyy 0.30 15 ePg Pb 22 00 01.6 +0.5
DVC Vedeno 0.32 82 ePg Pn 22 00 02.8 -0.7
BTLR Botlikh 0.42 122 eSg Pn 22 00 06.2 +0.8
MKGR Komgarnon 0.62 284 ePg Sn 22 00 07.7 +0.1
DBK Dubki 0.84 82 ePg Sn 22 00 17.8 +1.0
KRNR Karanay 0.90 95 eSg Pn 22 00 15.0 +3.6
ARKR Arakani 1.01 108 eSg Pb 22 00 16.3 +3.3
LACH Lersk 1.03 266 ePg Pb 22 00 13.7 +0.4
TRKR Terkyk 1.37 320 ePg Pb 22 00 15.9 +1.9

21d 23h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like TRKR, GNBR, STDR, etc.

DRS 21 22:59:58.0, 0.0, 42.972N, 45.80E, h16km, ML2.4/5
MOS 21 22:00:00.3, 0.0, 42.95N, 45.62E, h13km, MPV3.4/5
NORS 21 22:00:01.5, 0.0, 42.91N, 45.65E, h18km, MPV3.5

ISC 21 22:00:02.1, 1.0, 42.96N, 0.003, 45.61E, h10km, gkm, n30, c#84/55, Eastern Caucasus

Main table for 21d 23h with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like GROG, BTOR, KMG, etc.

IDC 21 22:18:32.2, 4.5, 52.19N, 173.09W, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.6/45, mbtmp3.7/8, ML3.3/2, MS4.2/1, Ms1 4.2/1, ms1mx2.9/59, Error ellipse: s-maj=10.8km, s-min=25.3km az=172.0

AEIC 21 22:18:33.5, 1.5, 51.55N, 172.62W, 0.10, h40km, 7km, ML3.2/15, mb3.6/28(NEIC), Error ellipse: s-maj=8.8km, s-min=4.6km az=87.0

NEIC 21 22:18:33.3, 1.2, 51.52N, 0.07, 172.60W, 0.08, h30km, 6km, Error ellipse: s-maj=11.7km, s-min=4.3km az=210.0

ISC 21 22:18:32.7, 1.2, 51.55N, 0.1, 172.62W, 0.04, h27km, n62, c#91/58, mb3.9/9, Andreanof Islands

Main table for 21d 23h (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like KOPF, ATKA, KOKL, etc.

2015 JAN

Main table for 2015 JAN with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like HYT, DLBC, INK, YKA, etc.

1014

Table for 1014 with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like IGT, SOH, GJK, etc.

DDA 21 22:38:47.2, 38.43N, 27.22E, h4km, 1km, ML1.3, Turkey

Main table for 1014 (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like DGB, DGB, DGB, etc.

IDC 21 22:38:50.5, 1.7, 3.38S, 130.79E, h0km, mb3.7/2, mb1 4.1/4, mb1mx3.6/45, mbtmp3.8/4, ML3.5/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/45, Error ellipse: s-maj=85.4km, s-min=24.6km az=84.0, Seram

Main table for 1014 (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like SJJI, SJJI, DAV, etc.

NEIC 21 22:46:40.4, 1.3, 41.22N, 0.05, 117.21W, 0.03, h0km, 1km, ML2.5/8, Error ellipse: s-maj=8.6km, s-min=4.8km az=5.0

IDC 21 22:46:40.2, 1.1, 41.33N, 117.22W, h0km, mb1 2.8/3, mb1mx2.7/39, mbtmp2.5/3, ML2.8/3, Error ellipse: s-maj=11.0km, s-min=5.9km az=175.0

ISC 21 22:46:40.3, 1.1, 41.22N, 0.04, 117.21W, 0.04, h0km, n25, c#97/26, Nevada

Main table for 1014 (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and Station Name. Includes stations like ELK, ELK, ELK, etc.

JMA 21 23:05:27.9, 0.1, 37.06N, 141.14E, h51km, 1km, M4.0 JMA Feil II J1.

22d 0h

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1018

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BCLA Clavier, BCLA Gesves, BCLA Plauen, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GERES GERESS Array B, GERES GERESS Array B, GERES GERESS Array B, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ARU ARU, ARU ARU, ARU ARU, etc.

ABKAR	comp=Z,73nm,1.8s	33.20 107	P	P	00 45 53.3 +0.3
SRS	Serrai	33.21 156	P	P	00 45 53.1 0.0
GRG	Griva	33.23 158	P	P	00 45 54.2 +0.8
FNA	Florina	33.30 159	P	P	00 45 53.7 -0.3
FNA	Florina	33.30 159	P	P	00 45 53.7 -0.3
FNA	comp=Z,52nm,1.1s				
FNA	Florina	33.30 159	P	P	00 45 53.7 -0.3
KAVA	Kavala	33.44 155	eP	P	00 45 54.6 +0.7
SOC	Sochi	33.47 134	eP	P	00 51 17.8 +0.8
SOC			eS	S	00 53 21.9 +3.8
SOC			eSS	SS	00 53 40.2
SOC	comp=Z,14nm,1.1s				
SOC			eSSS	SSS	
SOC			max	max	
SOC			MLR	MLR	
RPOR	comp=Z,872nm,15.0s				
RFOR	Krasnaya Polyta	33.47 133	eP	P	00 45 56.3 +0.9
RFOR			max	max	
SOH	Sokhos	33.47 157	P	P	00 45 55.9 +0.4
ALN	Alexandroupoli	33.73 153	P	P	00 45 59.9 +2.3
KIV	Kislovodsk	33.75 130	IP	P	00 45 59.0 +1.1
KIV	Kislovodsk	33.75 130	IP	P	00 45 58.6 +0.7
KIV	SNR=7				
KIV	Kislovodsk	33.75 130	eP	P	00 45 58.3 +0.4
KIV	comp=Z,86nm,1.1s				
KIV			max	max	
KIV	comp=Z,2um,15.0s				
KIV	Kislovodsk	33.75 130	P	P	00 45 58.3 +0.4
KIV			Iamb	Iamb	00 46 02.3
BZK	comp=Z,48nm,1.3s				
PLG	Bozkurt	33.92 142	IP	P	00 46 01.2 +1.9
KBZ	Polygros	33.93 157	P	P	00 45 59.7 +0.3
KBZ	Khabaz	34.01 130	P	P	00 46 00.9 +0.9
KBZ	comp=Z,14nm,1.0s,baz=299,slow=2.9,SNR=27				
KBZ	comp=Z,1um,18.2s,baz=334,slow=37				01 00 21.3
KBZ	Khabaz	34.01 130	eP	P	00 46 01.3 +1.3
KBZ			max	max	
EDSC	comp=Z,42nm,1.5s				
EDSC	Sonseca Array	34.05 195	P	P	00 46 00.5 0.0
LIT	comp=Z,6.9nm,1.1s,baz=6.8,slow=6.9,SNR=9.3				
LIT	Litokhoron	34.09 158	P	P	00 46 00.5 0.0
LIT	Litokhoron	34.09 158	P	P	00 46 01.1 +0.3
LIT	Litokhoron	34.09 158	P	P	00 46 02.0 +1.2
LIT			max	max	
LIT	comp=Z,62nm,1.4s				
C36M	Litokhoron	34.09 158	P	P	00 46 02.0 +1.2
PAB	Paulatuk	34.16 331	P	P	00 46 00.4 -0.7
PAB	baz=23				
PAB	Paulatuk	34.16 331	P	P	00 46 00.6 -0.5
PAB	San Pablo	34.20 195	P	P	00 46 02.0 +0.1
PAB	comp=Z,39nm,1.4s				
PAB	San Pablo	34.20 195	P	P	00 46 02.0 +0.1
PAB			Iamb	Iamb	00 46 04.9
NEY	comp=Z,39nm,1.4s				
NEY	Neytrino	34.43 131	eP	P	00 46 05.6 +1.7
NEY			max	max	
DIKM	comp=Z,5.0nm,1.7s				
TIP	Dikmen	34.45 141	IP	P	00 46 04.5 +0.6
CHVG	Timpagrande	34.49 166	P	P	00 46 04.8 +0.4
MDUB	Ch'k'valeri	34.80 132	IP	P	00 46 07.9 +1.0
ZEI	Mudurnu	34.90 146	P	P	00 46 08.3 +0.4
ZEI	Tsey	35.13 129	eP	P	00 46 09.3 -0.7
ZEI			max	max	
AGG	comp=Z,15nm,1.2s				
AGG	Agios Georgios	35.14 159	P	P	00 46 09.8 -0.1
AGG	Agios Georgios	35.14 159	P	P	00 46 10.2 +0.3
AGG			max	max	
AGG	comp=Z,63nm,1.4s				
GROC	Agios Georgios	35.14 159	P	P	00 46 10.2 +0.3
GROC	Groznyy	35.17 127	eP	P	00 46 11.3 +1.2
GROC			eS	S	00 47 27.5
GROC			max	max	00 51 43.0 -0.3
A21K	comp=Z,282nm,1.4s				
Barrow	baz=8.4	35.27 351	P	P	00 46 10.1 -0.5
A21K	Barrow	35.27 351	P	P	00 46 10.9 +0.2
DVE	Vedeno	35.48 127	eP	P	00 46 13.6 +0.8
DVE			max	max	
EFP	comp=Z,35nm,1.0s				
BR231	Erpalio	35.69 159	P	P	00 46 15.2 +0.7
BR231	Sergoula	35.71 159	P	P	00 46 15.3 +0.5
BR231	Keskin MP Arra	35.77 145	P	P	00 46 16.5 +1.1
BR231			Iamb	Iamb	00 46 19.6
BTLR	comp=Z,30nm,1.4s				
BTLR	Botlikh	35.78 127	eP	P	00 46 16.4 +1.0
BTLR			max	max	
MAK	comp=Z,93nm,1.4s				
MAK	Makhachkala	35.80 125	IP	P	00 46 15.7 +0.2
MAK			eS	S	00 47 34.5
MAK			max	max	00 51 53.6 +0.6
MAK	comp=Z,175nm,1.9s				
MAK			MLR	MLR	
KTUT	comp=Z,518nm,12.0s				
BR131	Trabzon	35.97 135	IP	P	00 46 18.7 +1.8
BR131	Keskin Array S	36.03 144	P	P	00 46 18.7 +1.0
BR131			max	max	
BR131	comp=Z,69nm,2.0s				
BR131	Keskin Array S	36.03 144	P	P	00 46 18.7 +1.0
BR131			Iamb	Iamb	00 46 21.9
BRTR	comp=Z,69nm,1.9s				
BRTR	Keskin Array B	36.03 144	P	P	00 46 18.9 +1.1
BRTR	comp=Z,11nm,1.1s,baz=335,slow=5.5,SNR=32				
BRTR			LR	LR	01 02 12.9
BRTR	comp=Z,448nm,19.7s,baz=14,slow=38				
BRTR	Keskin Array B	36.03 144	eP	P	00 46 19.5 +1.8
BRTR			max	max	
BRTR	comp=Z,11nm,1.1s				
ZAAO	Keskin Array B	36.03 144	P	P	00 46 19.2 +1.4
ZALV	Zalesovo Array	36.17 79	P	P	00 46 18.8 +0.2
ZALV	Zalesovo Beam	36.17 79	P	P	00 46 19.2 +0.7
ZALV	comp=Z,4.2nm,0.8s,baz=326,slow=9.7,SNR=12				
ZALV			PcP	PcP	00 48 44.2 +0.4
ZALV	comp=Z,1.8nm,0.7s,baz=315,slow=4.6,SNR=3.2				
ZALV			LR	LR	01 03 59.4
ZALV	comp=Z,680nm,20.8s,baz=322,slow=41				
BRZS	Berezniaki	36.19 93	eP	P	00 46 18.8 0.0
BRZS	Berezniaki	36.19 93	eP	P	00 46 18.8 0.0
BRZS			max	max	
BRZS	comp=Z,10.0nm,1.2s				
BRZS	Inuvik	36.34 336	P	P	00 46 18.4 -1.5
BRZS	comp=Z,8.4nm,1.1s,baz=11,slow=13,SNR=8.4				
BRZS			PcP	PcP	00 48 42.9 -1.1
BRZS	comp=Z,4.9nm,1.1s,baz=47,slow=3.4,SNR=3.9				
BRZS			LR	LR	01 02 55.7
BRZS	comp=Z,599nm,18.6s,baz=14,slow=39				
BRZS	Inuvik	36.34 336	P	P	00 46 18.3 -1.5
BRZS			max	max	
BRZS	comp=Z,17nm,1.4s				
BRZS	Inuvik	36.34 336	P	P	00 46 18.3 -1.5
BRZS	Akhalkalaki	36.35 131	IP	P	00 46 22.2 +1.7
BRZS	Akhalkalaki	36.35 131	P	P	00 46 21.7 +1.2
BRZS			max	max	
BRZS	comp=Z,153nm,1.7s				
BRZS	Akhalkalaki	36.35 131	P	P	00 46 21.7 +1.2
BRZS	ITM	36.35 131	P	P	00 46 21.7 +1.2
BRZS	ITM		Iamb	Iamb	00 46 27.3
BRZS	comp=Z,69nm,1.4s				
BRZS	Kurchatov	37.25 87	IP	P	00 46 28.1 +0.3
BRZS			max	max	
BRZS	comp=Z,20nm,1.3s				
BRZS	Kurchatov	37.25 87	P	P	00 46 28.2 +0.4
BRZS	Akhty	37.26 125	IP	P	00 46 29.0 +0.9
BRZS			max	max	
BRZS	comp=Z,77nm,1.1s				
BRZS	Kesra	37.61 176	P	P	00 46 31.8 +0.8
BRZS	comp=Z,5.5nm,1.0s,baz=229,slow=2.4,SNR=4.2				
BRZS			LR	LR	01 02 52.4
BRZS	comp=Z,752nm,19.6s,baz=316,slow=38				
BRZS	Kesra	37.61 176	P	P	00 46 32.1 +1.0
BRZS	GNI	37.84 130	P	P	00 46 33.6 +0.5
BRZS	GNI	37.84 130	eP	P	00 46 34.5 +1.4
BRZS			max	max	
BRZS	comp=Z,100nm,1.7s				
BRZS	GNI	37.84 130	P	P	00 46 34.7 +1.7
BRZS	GNI		Iamb	Iamb	00 46 37.4
BRZS	comp=Z,64nm,1.2s				
FCC	Fort Churchill	37.96 304	P	P	00 46 32.6 -1.1
FCC			max	max	
FCC	comp=Z,15nm,1.1s				
FCC	Fort Churchill	37.96 304	P	P	00 46 32.6 -1.1
FCC	Semipalatinsk	38.00 85	eP	P	00 46 34.1 -0.3
FCC	comp=Z,21nm,1.6s,baz=88				
FCC			eS	S	00 52 27.6 +0.7
SEM	baz=86				
SEM	Semipalatinsk	38.00 85	eP	P	00 46 34.1 -0.3
SEM			S	S	00 52 27.6 +0.7
SEM			max	max	
BMAR	comp=Z,21nm,1.6s				
BILL	Burnt Mountain	38.32 343	P	P	00 46 33.8 -2.9
BILL	Bilibino	38.33 12	IP	P	00 46 37.0 +0.2
BILL			eP/P	eP/P	00 46 39.5 +2.2
BILL			e'SP	e'SP	00 46 42.2 -2.0
BILL			e	e	00 55 45.1
BILL			max	max	
BILL	comp=Z,21nm,1.3s				
BILL			MLR	MLR	
BILL	comp=Z,348nm,15.0s				
BILL	Bilibino	38.33 12	P	P	00 46 35.9 -0.8
BILL	EPYK	38.57 337	P	P	00 46 37.8 -1.0
BILL			max	max	
BILL	baz=16				
BILL	RDOG Red Dog Mine	38.78 354	P	P	00 46 39.9 -0.7
BILL	Coldfoot	38.96 346	P	P	00 46 41.7 -0.3
BILL	baz=10,SNR=5.6				
BILL	Coldfoot	38.96 346	P	P	00 46 41.5 -0.6
BILL	Yellowknife Ar	38.96 321	P	P	00 46 41.2 -0.9
BILL	comp=Z,13nm,1.0s,baz=25,slow=3.1,SNR=79				
BILL	YKA	39.12 140	P	PcP	00 48 51.3 -0.9
BILL	comp=Z,2.8nm,1.1s,baz=17,slow=3.5,SNR=5.6				
BILL	YKA		LR	LR	01 02 50.1
BILL	comp=Z,1um,19.4s,baz=20.0,slow=36				
BILL	GAZ	39.16 140	P	P	00 46 45.3 +1.2
BILL	FYU	39.22 343	P	P	00 46 44.0 -0.2
BILL	GEVA	39.23 132	P	P	00 46 46.5 +1.2
BILL	comp=Z,60nm,1.5s				
BILL	YAK	39.23 132	P	P	00 46 46.2 +1.5
BILL	Yakutsk	39.69 38	LR	LR	01 04 01.0
BILL	comp=Z,593nm,21.0s,baz=340,slow=37				
BILL	YAK	39.69 38	P	P	00 46 49.2 +1.1
BILL	YAK		max	max	
BILL	comp=Z,18nm,0.5s				
BILL	YAK	39.69 38	P	P	00 46 49.2 +1.1
BILL	YAK		Iamb	Iamb	00 47 16.9
BILL	comp=Z,18nm,0.5s				
BILL	MARD	39.71 136	P	P	00 46 50.3 +1.5
BILL	PRP	40.27 343	P	P	00 46 53.5 +0.5
BILL	BOD	40.34 52	eP	P	00 46 53.0 -0.6
BILL	BOD		max	max	
BILL	comp=Z,19nm,1.6s				
BILL	IMAR	40.42 348	P	P	00 46 54.4 +0.2
BILL	BATHURST	40.59 272	P	P	00 46 56.0 +0.2
BILL	BATG		Iamb	Iamb	00 47 28.0
BILL	comp=Z,72nm,1.6s				
BILL	EGAK	40.59 339	P	P	00 46 55.3 -0.3
BILL	CSS	40.63 146	P	P	00 46 57.0 +0.8
BILL	CSS		Iamb	Iamb	00 46 58.1
BILL	comp=Z,47nm,1.4s				
BILL	DGZ	40.70 79	eP	P	00 46 58.4 +1.5
BILL	DGZ		max	max	
BILL	comp=Z,5.0nm,0.9s				
BILL	POKR	40.83 344	P	P	00 46 57.9 +0.3
BILL	Poker Plat Res	40.83 344	P	P	00 46 58.2 +0.5
BILL	baz=11				
BILL	POKR	40.83 344	P	P	00 47 02.8
BILL	POKR		Iamb	Iamb	00 47 02.8
BILL	comp=Z,51nm,1.8s				

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ZAK, H62A Milan, G59A Clarenceville, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ULN Ulanbaatar, L60A Shok, L59A Walton, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like LAO LASA Array, KLR KLR, P52A Corning, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UOSS Minazif, H17A Grant Village, FAQ Al Faqa, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like W39A Magazine, U3AL University of Dugway, ELK Elko, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PFO Pinyon Flats O, PFO Pinyon Flats O, TPFO Pinyon Flats, etc.

NEIC 22 00:55:34.9, 0.7, 17.7S:0.2x174.8W:0.2, h255km=18km, mb4.2/10, Error ellipse: s-maj=34.0km s-min=10.9km

22d 1h

Table with columns: AFI, Afiamalu, 4.68 38 P, Pn, 00 56 47.9 +2.0, etc. Includes stations like AF1, AF2, AF3, etc.

IDC 22:01:03:09.5:2.4, 2.89S:133'18E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/31, mbtmp3.6/4, ML3.2/2, MS3.2/1, Ms1 3.2/1, ms1mx2.6/29, Error ellipse: s-maj=80.2km s-min=25.3km az=71.0, Irian Jaya region

IDC 22:01:16:38.0:0.6, 3.33S:130'91E, h0km, mb4.5/17, Mb1 4.5/19, mb1mx4.5/29, mbtmp4.5/19, ML3.9/2, MS3.8/14, Ms1 3.8/3, ms1mx3.3/36, Error ellipse: s-maj=24.7km s-min=12.9km az=78.0

AEIC 22:00:56:15.9:2.1, 5.2'39N:0'04:167'97W:0.06, h14km, 4km, ML3.8/25, mb4.4/60(NEIC), ML4.1/6(NEIC), Error ellipse: s-maj=5.9km s-min=4.8km az=145.0

NEIC 22:00:56:17.1:1.7, 5.2'45N:0'04:168'00W:0.07, h27km, 4km, Error ellipse: s-maj=7.3km s-min=4.2km az=135.0

ISC 22:00:56:16.7:1.5, 5.2'46N:0'07:167'93W:0.04, h25km, 9km, n155, e134/153, mb4.3/41, MS3.7/3, Fox Islands

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

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Table with columns: HDA, Harding Lake, 16.14 34 P, P, 01 00 03.0 -1.6, etc. Includes stations like IL31, ILAR, ILAR, etc.

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Table with columns: BUR08, Buocovina Ar. S, 79.65 351 P, P, 01 08 22.3 +0.7, etc. Includes stations like BURAR, KBL, KBL, etc.

IDC 22:01:16:38.0:0.6, 3.33S:130'91E, h0km, mb4.5/17, Mb1 4.5/19, mb1mx4.5/29, mbtmp4.5/19, ML3.9/2, MS3.8/14, Ms1 3.8/3, ms1mx3.3/36, Error ellipse: s-maj=24.7km s-min=12.9km az=78.0

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

IDC 22:01:16:38.0:0.6, 3.33S:130'91E, h0km, mb4.5/17, Mb1 4.5/19, mb1mx4.5/29, mbtmp4.5/19, ML3.9/2, MS3.8/14, Ms1 3.8/3, ms1mx3.3/36, Error ellipse: s-maj=24.7km s-min=12.9km az=78.0

IDC 22:01:16:38.0:0.6, 3.33S:130'91E, h0km, mb4.5/17, Mb1 4.5/19, mb1mx4.5/29, mbtmp4.5/19, ML3.9/2, MS3.8/14, Ms1 3.8/3, ms1mx3.3/36, Error ellipse: s-maj=24.7km s-min=12.9km az=78.0

IDC 22:01:16:38.0:0.6, 3.33S:130'91E, h0km, mb4.5/17, Mb1 4.5/19, mb1mx4.5/29, mbtmp4.5/19, ML3.9/2, MS3.8/14, Ms1 3.8/3, ms1mx3.3/36, Error ellipse: s-maj=24.7km s-min=12.9km az=78.0

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

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

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

TRN 22:02:18.45:1.0:67N:62.44W, h66km, MD3.0
FUNV 22:02:18.45:6.10:71N:62.42W, h72km, MW3.6
ISC 22:02:18.43:5.1:3.10:66N:0.04:62.46W:0.04, h89km, 14km, n17, r156/27, 1C, Near coast of Venezuela

Depth/Latitude/Longitude errors are calculated from covariance matrix as 1D marginal (Lon/Lat errors as great circle degrees) while OriginUncertainty min/max horizontal errors are calculated from 2D error ellipsoid and are therefore seemingly higher compared to 1D errors. Error estimates can be reconstructed from the following original NonLinLoc error statistics line: STATISTICS ExpectX 35.6512 Y 101.776 Z 8.33004 CovXx 45.3071 XY -5.55143 XZ 12.6241 YY 12.4637 YZ -1.76968 ZZ 31.4853 EllAz 189.756 Dip 1.1, 1.3533 Len1 6.36881 Az2 261.723 Dip2 59.9887 Len2 9.23075 Len3 1.375189e+01 ISC 22:03:50.4:2.3,0.65:0.1:29.3E:0.1, h10km, n11, r043/13, Zaire

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

IDC 22:02:41:49.1:2.4, 50.34N:172.95W, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.6/4.1, mbtmp3.7/7, ML3.5/1, Error ellipse: s-maj=58.5km s-min=26.0km az=16.0
NEIC 22:02:41:52.7:0.8, 50.5N:0.1:173.0W:0.1, h25km, 9km, Error ellipse: s-maj=15.7km s-min=12.6km az=173.0
AEIC 22:02:41:54.6:2.0, 50.56N:0.10:173.2W:0.1, h31km, 7km, ML3.0/12, Error ellipse: s-maj=14.6km s-min=9.6km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like Atka Island, Atka, Korovin Flat, etc.

IDC 22:02:43:32.8:5.9, 3.46S:132.33E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/2.7, mbtmp3.7/3, ML3.1/1, Error ellipse: s-maj=386.7km s-min=30.5km az=74.0
DJA 22:02:43:34.0:0.4, 3.5N:4.13'E, h10km, M3.2/6, ISC 22:02:43:32.0:1.0, 3.40S:0.10:130.91E:0.07, h10km, n8, r6172/8, Seram

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

NNC 22:03:09:33.5:2.3, 37.74N:71.40E, h153km, 33km, mb3.0, mpv3.9, Error ellipse: s-maj=20.6km s-min=11.6km az=18.0
ISC 22:03:09:33.2:2.9, 37.77N:0.2:71.4E:0.1, h150km, n15, r0578/20, 5C-4D, Afghanistan-Tajikistan border region

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

KRSC 22:03:14:14.8:1.7, 50.09N:158.57E, h64km, 35km, ML3.8, East of Kuril Islands

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

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

SOME 22:03:16:00.0, 40:15N:82:50E, h0km
NNC 22:03:16:02.5:1.0, 40:16N:82:44E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=13.4km s-min=6.3km az=54.0
ISC 22:03:15:56.9:3.8, 40:00N:0.2:82.6E:0.1, h10km, n20, r1547/28, 1C, Southern Xinjiang

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

BJI 22:03:16:04.3:0.0, 18:05S:168:23E, h173km, mb5.0/6, mb4.5/4
NOU 22:03:16:04.4, 18:14S:168:74E, h183km, mb4.7, Vanuatu Islands

NEIC 22:03:16:04.2:1.0, 18:19S:0:07:168:5E:0.1, h192km, 2km, mb4.5/42, Error ellipse: s-maj=14.1km s-min=10.7km az=86.0
IDC 22:03:16:08.2:2.6, 18:16S:168:64E, h226km, 24km, mb4.1/17, mb1 4.2/17, mb1mx4.1/33, mbtmp4.6/17, Error ellipse: s-maj=13.6km s-min=12.2km az=173.0

ISC 22:03:16:05.3:0.4, 18:12S:0:05:168:85E:0.07, h200km, mb4.1, r1818/133, mb4.5/41, 1C-6D, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R32A Long Quarter, HHAR Hobbs, Z351 Perchaven, etc.

IDC 22 05:38:28.5:5.0, 15°46'N:93°67'W, h0km, mb3.3/2, mb1 3.8/3, mb1mx3.5/35, mbmtmp3.3/3, MS3.8/4, Ms1 3.8/4, ms1mx3.0/25, Error ellipse: s-maj=164.7km s-min=52.5km az=44.0

MEX 22 05:38:29.1:0.6, 14°80'N:94°61'W, h17km, 999km, MD4.2, ISC 22 05:38:26.7:1.4, 14°85'N:0°10-94.59W±0.05, h10km, n14, r196°/17, MS3.9/4, Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG Hualtulo, HUG Hualtulo, THIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDFB Brasilia, ILAR Eielson Array, IDC 22 05:39:18.8:1.0, 6°9'N:73°12'W, etc.

IDC 22 05:46:41.3:12.0, 23°11'N:108°69'W, h0km, mb2.8/1, n3 5.5/4, mb1mx3.3/34, mbmtmp3.1/4, ML3.5/3, Error ellipse: s-maj=179.7km s-min=38.7km az=171.0, Gulf of California

IDC 22 05:50:42.5:4.7, 24°11'N:109°64'W, h0km, mb3.2/1, mb1 3.6/4, mb1mx3.4/34, mbmtmp3.1/4, ML3.5/3, Error ellipse: s-maj=82.6km s-min=24.1km az=151.0, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPIG La Paz, TXAR Lajitas Array, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SUR Sutherland, MAW Maws, MAW Maws, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 22 05:46:41.3:12.0, 23°11'N:108°69'W, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPIG La Paz, TXAR Lajitas Array, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, OHH Osh, ARSB Arslanbob, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like K22A Casper, MVCO Mesa Verde, N23A Red Feather La, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like P43A Skaggs, Pawnee, P43A Poplar Bluff, P43A Poplar Bluff, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like ZAAO Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 22:09:12.00.1+0.8, 19:54Sx174:40W, h0km, mb4.0/8, mb1 4.3/9, mb1mx4.1/30, mbtmp4.1/9, ML4.2.1, MS3.6/4, MS1 3.6/4, ms1mx3.2/32, SRR=10, S-min=17.0km az=129.0

NEIC 22:09:12.01.6+2.2, 19:56S:0:1x174:5W:0.2, h10km, 1km, mb4.3/9, Etr ellipse: s-maj=28.8km s-min=18.1km az=133.0

NOU 22:09:12.06.2, 19:17S:173:45W, h85km, mb4.5, Tonga Islands

ISC 22:09:12.00.8-0.7, 19:85S:0:1x174:0W:0.2, h10km, n90, @168/71, mb4.9/26, MS3.7/3, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, AFI Afiamalu, etc.

22d 10h

ARCES baz=153,slow=12,SNR=22 Sn Sn 10 02 32.1 -0.5
ARCES baz=153,slow=24,SNR=6.2 Lg Lg 10 02 53.5
I43RU DUBNA INFRASON 8.66 157 i baz=348,slow=337,SNR=1.5

DJA 22 10:17:06.1±0.2,3'S;3°12'3E",h10km,M4.5/14,mb4.7/3,
mB4.8/1,ML4.5/14,Mw(mB)4.1/1
IDC 22 10:17:10.5±0.2,21°22'50E,h40km,38km,mb3.9/6,
mb1.4/1.8,mb1mx3.754,mbtmp4.2/8,ML4.3/2,MS3.2/3,
Ms1.3/2.3,ms1mx2.8/37,Error ellipse: s-maj=25.1km
s-min=18.2km az=63.0

ISC 22 10:17:09.7±0.8,2.93S;0.06°122.54E;0.06,h35km,n27,
i=14/25,mb4.2/5,Sulawesi

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

ANF 22 10:18:42.6±0.3,41°86N;119°65W,h0km,ML3.0/11,Error
ellipse: s-maj=2.9km s-min=2.4km az=125.0
REN 22 10:18:43.5±2.5,41°88N;0°03'11.9"E,h0km,4km,
ML3.1/6,ML3.1/24(SEA),ML2.8/40(NEIC),Error ellipse:
s-maj=5.0km s-min=2.8km az=163.0

SEA 22 10:18:44.1±2.8,41°84N;0°03'11.9"E,h0km,6km,
Error ellipse: s-maj=4.7km s-min=2.6km az=168.0
NEIC 22 10:18:44.7±2.9,41°86N;0°03'11.9"E,h35km,6km,
Error ellipse: s-maj=5.0km s-min=2.7km az=176.0

ISC 22 10:18:41.8±1.3,41°83N;0°03'11.9"E,h1km,13km,
n53,-1510/67,Nevada

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

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Table with columns: WDC, IAML, Time, Res, ISC. Lists seismic events with station codes and magnitudes.

BJI 22 10:21:07.0±0.0,44°07N;83°14E,h8km,mB4.7/21,
mb4.5/24,ML4.7/10,Ms4.2/23,M5.7,3.9/19

NEIC 22 10:21:07.3±1.6,44°04N;0°07'83"E;0.09,h10km,1km,
mb4.8/51,Error ellipse: s-maj=12.3km s-min=9.6km
az=137.0

MOS 22 10:21:07.6±1.2,44°05N;83°21E,h21km,mb4.9/23,Error
ellipse: s-maj=6.4km s-min=4.9km az=121.7

IDC 22 10:21:09.1±0.4,44°08N;83°16E,h18km,mb4.2/26,
mb1.4/3/36,mb1mx4.2/64,mbtmp4.3/36,ML3.5/9,MS3.7/11,
Ms1.3/6/11,ms1mx3.4/48,Error ellipse: s-maj=8.8km
s-min=6.8km az=55.0

SOME 22 10:21:09.3,44°10N;82°88E,h10km,MS4.1
NCC 22 10:21:11.6±0.9,44°19N;82°80E,h9km,5km,mb5.1,
mB4.8,Error ellipse: s-maj=8.4km s-min=3.2km az=127.0

ISC 22 10:21:08.4±0.4,44°08N;0°03'83"E;0.02,h13km,2km,
h12km;pP,n347,-1595/385,mb4.7/76,MS3.9/13,
42C-19D,Northern Xinjiang

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

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Table with columns: WMO, Smax, Smin, Time, Res, ISC. Lists seismic events with station codes and magnitudes.

AAK	comp=Z,1.6nm,0.3s,baz=88,slow=7.6,SNR=39	Pg	Pb	10 23 06.4 +5.8
AAK	comp=Z,5.9nm,0.3s,baz=60,slow=9.4,SNR=17	Lg	Lg	10 24 25.7
AAK	comp=Z,7.7nm,0.3s,baz=325,slow=20,SNR=6.1	LR	LR	10 25 26.4
AAK	comp=Z,4.02nm,19.5s,baz=73,slow=40	P	Pn	10 22 46.3 +3.1
AAK	Ala-Archa	6.45 260	P	10 22 44.0 +0.8
AAK	comp=Z,1.6nm,0.6s	PG	Pg	10 23 07.7 -4.2
AAK	comp=Z,6.1nm,0.5s	PG	Pg	10 24 31.0
BTLS	Baital	6.55 282	Pg	10 23 10.1 -3.7
BTLS	comp=Z,2.9nm,0.5s	Lg	Lg	10 24 36.4
UCH	Uchtor	6.56 257	P	10 22 48.4 +3.4
SEM	Semipalatinsk	6.63 344	Pg	10 23 10.2 -5.0
SEM	comp=Z,7.1nm,0.6s	Lg	Lg	10 24 37.2
EKS2	Erkin-Say	6.95 261	P	10 22 52.3 +2.2
KSH	Kashi	7.02 232	Pn	10 23 01.0 +1.0
KSH	comp=Z,1.1um,5.1s	LR	LR	
KSH	comp=Z,2.2um,6.7s	LR	LR	
KSH	comp=Z,1.1um,7.3s	LR	LR	
AML	Almayashu	7.17 258	P	10 22 56.6 +3.3
KURBB	Kurchatov Arra	7.25 336	Pn	10 22 55.2 +1.3
KURBB	comp=Z,1.4nm,0.3s,baz=193,slow=25,SNR=85	Sn	Sn	10 24 14.4 -1.7
KURK	Kurchatov	7.31 337	Pn	10 22 54.9 +0.2
KURK	comp=Z,2.9nm,0.3s,baz=137,slow=26,SNR=3.5	PG	Pb	10 23 21.7 +6.7
KURK	comp=Z,1.1nm,0.7s	PG	Pg	10 24 56.6
KURK	Kurchatov	7.31 337	P	10 22 55.2 +0.5
KURK	comp=Z,5.29nm,0.9s	PG	Pg	10 24 14.4
KURK	Kurchatov	7.31 337	Pn	10 22 55.0 +0.3
KK31	Kararay Array	9.20 268	Pn	10 23 22.3 +1.4
KK31	comp=Z,8.5nm,0.7s,baz=70,slow=15,SNR=52	PG	PG	
KK31	comp=Z,2.1nm,0.7s,baz=80,slow=15,SNR=5.2	Lg	Lg	10 25 57.6
KK31	comp=Z,9.4nm,0.8s	P	Pn	10 23 22.4 +1.6
KK31	Kararay Array	9.20 268	Pn	10 23 22.4 +1.6
KKAR	Kararay Array	9.20 268	Pn	10 23 22.3 +1.5
KKAR	Kararay Array	9.20 268	Pn	10 23 22.3 +1.5
KKAR	Kararay Array	9.20 268	Pn	10 23 22.6 +1.8
BRZS	Berezinski	9.25 313	Pg	10 23 57.3 +3.6
BRZS	comp=Z,1.4nm,0.8s	Lg	Lg	10 25 57.3
ZAA0	Zalesovo Array	9.94 6	Pn	10 23 30.4 -0.4
ZAA0	comp=Z,5.7nm,0.9s	Sn	Sn	10 25 20.9 -1.3
ZAA0	comp=Z,9.3nm,0.8s	Lg	Lg	10 26 26.1
ZAA0	comp=Z,36nm,1.1s	PG	Pg	10 23 30.5 -0.3
ZAA0	Zalesovo Array	9.94 6	Pn	10 23 30.5 -0.3
ZALV	Zalesovo Beam	9.94 6	Pn	10 23 30.5 -0.3
ZALV	comp=Z,3.4nm,0.3s,baz=189,slow=14,SNR=7.4	Pn	Pn	10 25 18.8 -3.5
ZALV	comp=Z,5.5nm,0.3s,baz=182,slow=24,SNR=7.2	Lg	Lg	10 26 25.6
ZALV	comp=Z,2.7nm,0.3s,baz=197,slow=25,SNR=4.3	LR	LR	10 27 31.8
ZALV	comp=Z,364nm,18.6s,baz=140,slow=38	LR	LR	10 23 30.2 -0.6
ZALV	Zalesovo Beam	9.94 6	Pn	10 24 03.2 +0.3
BVAR	Borovoye Array	12.28 321	Pn	10 24 04.0 +0.1
BRVK	Borovoye	12.35 321	PG	10 26 18.0 -3.3
BRVK	comp=Z,1.7nm,0.7s	Sn	Sn	10 27 36.2
BRVK	comp=Z,3.3nm,0.9s	Lg	Lg	10 24 03.9 +0.1
BRVK	comp=Z,1.92nm,1.1s	Sn	Sn	10 26 17.9 -3.3
BRVK	Borovoye	12.35 321	P	10 24 03.2 -0.6
BRVK	Borovoye	12.35 321	Pn	10 24 12.4 +0.5
NIL	Nilore	12.93 220	P	10 24 16.5 -0.6
GTA	Gaotai	13.31 105	eP	10 24 27.0 +0.2
GTA	comp=Z,2.0nm,1.0s	pP	pP	10 24 30.9
GTA	comp=Z,7.0nm,5.6s	pP	pP	
GTA	comp=Z,320nm,13.1s	LR	LR	
GTA	comp=Z,220nm,10.2s	LR	LR	
GTA	comp=Z,240nm,13.4s	LR	LR	
CEP	Cherat	13.44 224	P	10 24 17.8 -1.1
THW	Thompson Wali	14.35 222	P	10 24 31.3 0.0
KBL	Kabul	14.45 234	P	10 24 34.1 +1.3
KBL	Kabul	14.45 234	Pn	10 24 34.1 +1.3
ZAK	Zakamensk	15.05 58	eP	10 24 40.1 -0.7
ZAK	comp=Z,7.0nm,1.2s	pP	pP	
TLY	Talaya	15.70 54	Pn	10 24 49.7 +0.6
TLY	comp=Z,0.0nm,0.3s,baz=85,slow=7.8,SNR=6.1	Lg	Lg	10 29 27.6
TLY	comp=Z,194nm,20.1s,baz=261,slow=38	LR	LR	10 31 07.5
TLY	Talaya	15.70 54	eP	10 24 55.3 +2.2
TLY	comp=Z,6.0nm,0.8s	pP	pP	
TLY	comp=Z,374nm,14.0s	MLR	MLR	
DANN	Dangsing	15.71 178	eP	10 24 49.1 -0.5
LSA	Lhasa	15.71 153	P	10 24 55.8 +1.9
LSA	comp=Z,38nm,0.8s	pP	pP	
LSA	Lhasa	15.71 153	P	10 24 55.8 +1.9
LSA	comp=Z,38nm,0.8s	IAMB	IAMB	
PYUN	Pyun	15.95 180	eP	10 24 50.2 -2.5
NDI	New Delhi	16.07 99	eP	10 24 52.5 -1.6
GKN	Gorkha	16.09 175	eP	10 24 53.8 -0.6
KOLN	Koldanda	16.28 178	eP	10 24 53.9 -3.0
GUMB	Gumba	16.29 171	eP	10 24 56.4 -0.8
PKIN	Pulchoki	16.57 173	eP	10 24 58.3 -2.4
PKI	Pulchoki	16.57 173	eP	10 24 58.4 -2.4
SONM	Songino Array	16.60 69	Pn	10 25 01.9 +1.0
SONM	comp=Z,86nm,1.0s	Lg	Lg	10 29 53.0
SONM	comp=Z,0.2nm,0.3s,baz=269,slow=29,SNR=5.1	LR	LR	10 32 11.8
SONM	comp=Z,450nm,20.2s,baz=300,slow=40	LR	LR	10 25 00.6 -0.2
AB31	Akbulak array	16.70 296	Pn	10 25 00.6 -1.3
AB31	comp=Z,1.7nm,1.0s,baz=99,slow=11,SNR=53	Pn	Pn	10 25 05.1 -1.9
AB31	Akbulak array	16.70 296	Pn	10 25 05.7 -0.8
ULN	Ulanbatar	17.04 69	eP	10 25 05.7 -0.8
ULN	comp=Z,1.3nm,1.7s	pP	pP	
TAPN	Tapejuna	17.04 69	P	10 25 05.6 -0.9
TAPN	comp=Z,35nm,0.5s	LR	LR	10 25 05.1 -2.3
RAMN	Ramite	17.32 170	eP	10 25 07.0 -3.1
RAMN	comp=Z,90nm,1.0s	Pn	Pn	10 25 10.9 -1.7
ODAN	Odare	17.52 167	eP	10 25 10.9 -1.7
ODAN	comp=Z,50nm,0.5s	Lg	Lg	10 25 15.1 +0.1
LZH	Lanzhou	17.72 110	eP	10 25 15.1 +0.1
LZH	comp=Z,19nm,1.0s	pP	pP	10 25 22.1 -0.1
LZH	comp=Z,19nm,1.0s	sP	sP	10 25 22.1 -0.1
LZH	comp=Z,19nm,1.0s	pP	pP	10 25 22.1 -0.1

LZH	comp=Z,330nm,11.9s	LR	LR	
LZH	comp=Z,240nm,13.6s	LR	LR	
LZH	comp=Z,240nm,13.6s	LR	LR	
AKTO	Aktubinsk	18.14 299	P	10 25 19.6 -0.2
AKTO	comp=Z,0.3nm,0.3s,baz=104,slow=14,SNR=10	P	P	10 30 49.2
AKTO	Aktubinsk	18.14 299	PG	10 25 20.1 +0.3
HRA	Herat	18.80 246	P	10 25 28.9 +0.6
SVE	Sverdlovsk	19.06 320	eP	10 29 09.9 +3.8
SVE	comp=Z,1.7nm,0.8s	pP	pP	
SHL	Shilling	19.80 156	P	10 25 39.4 +0.7
SHL	comp=Z,58nm,1.1s	pP	pP	
SHL	Shilling	19.80 156	P	10 25 39.4 +0.7
SHL	comp=Z,58nm,1.1s	IAMB	IAMB	10 25 47.2
GEYT	Geit	19.80 261	P	10 25 39.4 +0.8
GEYT	comp=Z,0.7nm,0.3s,baz=80,slow=8.1,SNR=6.8	Lg	Lg	10 25 39.5 +0.9
GYA0B	ALIBECK ARRAY	19.80 261	P	10 25 40.9 +0.5
ARU	Arti	19.85 317	P	10 25 40.9 +0.5
ARU	comp=Z,0.0nm,0.3s,baz=317,slow=7.0,SNR=6.7	LR	LR	10 33 37.5
ARU	Arti	19.85 317	iP	10 25 39.7 +0.9
ARU	comp=Z,1.66nm,19.2s,baz=89,slow=38	S	S	10 29 27.4 +4.2
ARU	Arti	19.85 317	pP	10 25 39.7 +0.9
ARU	comp=Z,1.1nm,1.9s	IAMB	IAMB	10 25 55.8
ARU	Arti	19.85 317	P	10 25 55.8
CD2	Chengdu	20.93 122	eP	10 25 50.0 -0.8
CD2	comp=Z,2.0nm,0.7s	pP	pP	
HHC	Hu-ho-hao-te	21.19 89	eP	10 25 53.1 -0.5
HHC	comp=Z,10.0nm,0.5s	sP	sP	10 25 59.1 +1.0
HHC	Hu-ho-hao-te	21.19 89	pP	10 25 59.1 +1.0
HHC	comp=Z,190nm,4.4s	Sn	Sn	10 29 49.3 +0.4
HHC	Hu-ho-hao-te	21.19 89	SS	10 30 20.4 +1.0
HHC	comp=Z,15nm,1.0s	pP	pP	
HHC	comp=Z,190nm,4.4s	pP	pP	
HHC	comp=Z,230nm,11.4s	LR	LR	10 23 57.4
HHC	comp=Z,350nm,11.7s	LR	LR	10 25 57.6
HHC	comp=Z,290nm,11.4s	LR	LR	10 23 22.4 +1.6
XAN	Xi'an	22.32 108	P	10 26 04.3 -1.5
XAN	comp=Z,2.0nm,1.1s	pP	pP	10 26 08.1 -2.2
XAN	Xi'an	22.32 108	pP	10 26 08.1 -2.2
XAN	comp=Z,1.2nm,1.2s	pP	pP	
XAN	comp=Z,240nm,11.9s	LR	LR	10 25 57.3
XAN	comp=Z,200nm,11.4s	LR	LR	10 23 30.4 -0.4
XAN	comp=Z,230nm,11.9s	LR	LR	10 25 20.9 -1.3
TIY	Taiyuan	22.98 96	eP	10 26 18.0 +5.3
TIY	comp=Z,27nm,1.0s	pP	pP	
BOD	Bodaibo	23.56 43	eP	10 26 18.4 +0.1
BOD	comp=Z,14nm,1.4s	pP	pP	
BELG	Belogomoye	24.85 302	iP	10 26 30.8 +0.5
BELG	comp=Z,6.0nm,1.0s	pP	pP	
ENH	Enshi	25.00 115	P	10 26 31.2 -0.7
ENH	comp=Z,1.6nm,0.6s	IAMB	IAMB	10 26 42.3
KIRV	Kirov	25.23 317	P	10 26 33.2 -0.4
KIRV	comp=Z,9.0nm,0.4s,baz=94,slow=18,SNR=5.0	P	P	10 36 45.1
KIRV	Kirov	25.23 317	eP	10 26 34.5 +0.8
KIRV	comp=Z,9.9nm,19.3s,baz=134,slow=37	P	P	10 26 39.5 -0.8
GYA	Giyay	25.91 125	eP	10 26 46.9 +1.8
GYA	comp=Z,9.0nm,1.3s	sP	sP	
HYB	Hyderabad	26.86 190	iP	10 26 55.0 +6.2
ZEI	Tsey	28.33 281	eP	10 27 01.9 -0.1
ZEI	comp=Z,3.0nm,1.1s	pP	pP	
PAYA	Payac	28.35 145	P	10 27 16.5 +1.4
CM33	Chiang Mai Arr	28.47 147	P	10 27 14.0 +1.1
CHTO	Chiang Mai	28.47 147	P	10 27 01.2 -2.0
CHTO	comp=Z,6.0nm,1.0s	pP	pP	
CHTO	Chiang Mai	28.47 147	P	10 27 15.0 +1.2
CM34	Chiang Mai Arr	28.52 147	P	10 27 12.0 +8.3
CM32	Chiang Mai Arr	28.58 148	P	10 27 16.0 +1.2
CM35	Chiang Mai Arr	28.68 147	P	10 27 12.0 +6.9
KBZ	Khabaz	28.78 284	P	10 27 06.2 +0.4
KBZ	comp=Z,3.1nm,0.6s,baz=105,slow=6.6,SNR=12	LR	LR	10 40 54.6
KBZ	comp=Z,226nm,18.3s,baz=53,slow=41	P	P	10 27 06.6 +0.8
KBZ	Khabaz	28.78 284	eP	10 27 06.6 +0.8
CM15	Chiang Mai Arr	28.79 148	P	10 27 14.0 +7.9
CMAR	Chiang Mai Arr	28.80 148	P	10 27 06.4 +0.3
CMAR	comp=Z,3.3nm,0.8s,baz=321,slow=9.0,SNR=26	pP	pP	10 27 13.2 +0.4
CMAR	comp=Z,4.8nm,0.8s,baz=321,slow=9.0,SNR=8.1	PcP	PcP	10 30 15.4 -0.4
CMAR	comp=Z,0.4nm,0.3s,baz=335,slow=3.8,SNR=4.2	P	P	10 27 04.4 -1.7
CM36	Chiang Mai Arr	28.80 147	P	10 27 13.0 +6.8
CM09	Chiang Mai Arr	28.83 147	P	10 27 14.3 +7.9
CM01	Chiang Mai Arr	28.84 148	P	10 27 14.0 +7.5
KIV	Chiang Mai Arr	28.86 147	P	10 27 07.0 +0.3
KIV	Kislovodsk	28.87 284	eP	10 27 07.3 +0.6
KIV	comp=Z,1.6nm,0.9s	MLR	MLR	
LAMP	Lampang	29.01 146	P	10 27 17.5 +1.0
UTTA	Uttaradi	30.08 145	P	10 27 29.2 +1.2
VSR	Storzhevoye	30.09 299	eP	10 27 15.4 -1.9
VSR	comp=Z,7.0nm,0.4s	pP	pP	
LPSR	Gaich'i Ya Ora	30.17 302	eP	10 27 17.8 -0.2
LPSR	comp=Z,20nm,0.8s	pP	pP	
NJ2	Nanjing	30.36 101	eP	10 27 17.3 -2.5
NJ2	comp=Z,10.0nm,0.5s	pP	pP	
GEVA	Gevass	30.47 273	P	10 27 23.8 +2.8
KLMR	Klimovskoe	30.69 319	eP	10 27 21.8 -0.7
KLMR	comp=Z,9.0nm,0.8s	pP	pP	
KLMR	Klimovskoe	30.69 319	eP	10 27 21.9 -0.6
SOC	Sochi	31.05 284	eP	10 27 24.0 -1.8
SOC	comp=Z,1.2nm,0.5s	S	S	10 32 29.7 -0.8
SOC	comp=Z,1.2nm,0.5s	eSS	eSS	10 34 36.9
SOC	comp=Z,5.0nm,0.3s	pP	pP	
SBKT	Sadao Pong	31.31 146	P	10 27 24.1 -4.2
SBKT	comp=Z,24nm,1.4s	IAMB	IAMB	10 27 35.6
OBN	Obninsk	31.55 307	eP	10 27 30.9 +0.8
OBN	comp=Z,7.0nm,0.5s	pP	pP	10 27 36.7
OBN	comp=Z,7.0nm,0.5s	MLR	MLR	
UTHAI	Uthaitai	31.63 149	P	10 27 32.6 +1.4
MIB	Mitribai	31.68 255	eP	10 27 32.0
KBD	Kabd			

Table of astronomical observations for 22d 11h, listing stations like NOA, DPC, CHVC, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 JAN, listing stations like STKA, STKA, PDAR, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1038, listing stations like PEL, PEL, PEL, etc., with columns for station name, coordinates, and observation details.

ISC 22 11:12:09.1, 0.3, 56.80S; 0.07-25.46W, 0.08, h10km, n135, c1526/128, mb4.7/23, MS3.8/9, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists seismic stations and their characteristics.

Table with columns: ANWZ, PRHZ, PHZ, etc. Lists seismic stations and their characteristics.

Table with columns: TSZ, PKGZ, MHGZ, etc. Lists seismic stations and their characteristics.

Nm: Mh-0.05±0.1; Mh0.10±0.1; Mh0-0.05±0.1; Mh-0.26±0.4; Mh0.10±0.1; Mh0.12±0.4; Best double couple: M1.10200x1017, NP1.8x183.00000, 876.00000, λ-174.00000, NP2.8x91.00000, 684.00000, λ-14.00000. Principal axes: T.10980, Plg6.0000. Azm138.0000; N.0.0070, Plg75.0000; Azm250.0000; P-1.1050, Plg14.0000; Azm46.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 22 11:56:16.8±0.5, 135S, 0.1x11.77W±0.09, h10km, n130, r=1533/85, mb4.7/54, MS4.7/23, Central East Pacific Rise

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

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

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

SOME 22 11:56:46.9, 38°43N-72°62E, h15km
ISC 22 11:56:48.1±1.1, 0.37°30N-72°27E, h176km, 63km, mb3.4/6, mb1 3.4/11, mb1mx3.0/49, mbtmp3.9/11, Error ellipse: s-maj=129.6km s-min=31.3km az=3.0, NNC 22 11:56:53.4±2.4, 38°02N-72°15E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=18.2km s-min=15.6km az=2.0

SJA 22 12:07:05.1±0.6, 19°65S-71°62W, h10km, ML4.5, MW4.0
ISC 22 12:07:16.3±0.7, 19°96S-70°70W, h0km, mb4.1/10, mb1 4.3/13, mb1mx4.2/29, mbtmp4.2/13, ML4.0/3, MS3.8/2, Ms1 3.9/2, ms1mx3.2/24, Error ellipse: s-maj=21.7km s-min=13.7km az=53.0
NEIC 22 12:07:18.4±1.6, 20°09S-0°01W, h18km, 4km, Error ellipse: s-maj=11.5km s-min=1.7km az=94.0
VAO 22 12:07:19.6±0.5, 20°07S-70°70W, h10km, mb4.5
GIC 22 12:07:19.6±0.7, 20°05S-70°19W, h34km, 30m, ML4.3
ISC 22 12:07:17.6±1.3, 20°08S-0°03W, h18km, 8km, n103, r=12110, mb4.3/10, 9C-4D, Near coast of northern Chile

Table with columns: LVC, Station Name, Time, Res, etc. Includes entries like Limon Verde, IPOC Station P, PB10, PB14, G002, etc.

Table with columns: MK31, Station Name, Time, Res, etc. Includes entries like Makanchi Array, KAPS, KAPS, KAPS, etc.

Table with columns: MAKZ, Station Name, Time, Res, etc. Includes entries like Makanchi, ZSN, ZSN, ZSN, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries like SOMET, NNC, ISC, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries like SOME, NNC, ISC, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes entries like DKK, BER, ISC, etc.

IDC 22 13:29:30.1.2.4, 22.422S; 179.34W, h590km, 18km, mb3.4/7, mb1 3.5/10, mb1mx3.2/30, mbtmp4.1/10, Error ellipse: s-maj=38.6km s-min=21.3km az=123.0

0.4nm, 0.3s, baz=18, slow=13, SNR=17 S Sn 14 13 18.9 -2.1

GOP Guinayangan 5.63 1701 eP Pn 14 50 44.1 +2.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MSVF, DZM, HAZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, DAV, FITZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KMB, PGP, etc.

JSN 22 14:08:21.1.0.5, 16.138N; 77.66W, h30km, 999km, MD3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ, URZ, URZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MCJ, MTD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MCO, GZH, etc.

JSN 22 14:08:21.1.1.3, 16.483N; 0.066W, 77.7W, 0.1, h10km, n20

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ, URZ, URZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MCJ, MTD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MCO, GZH, etc.

CRAAG 22 14:22:48.1, 36.288N; 2.97E, M12.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ, URZ, URZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MCJ, MTD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MCO, GZH, etc.

IDC 22 14:22:48.3.1.3, 36.323N; 0.07307E, 0.07, h11km, 12km, n13, 2920/19, Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, WRA, FITZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMHD, EMHD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHN, WHN, etc.

JMA 22 13:54:29.3, 39.06N; 140.86E, h7km, 1km, M3.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include STKA, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EIBI, ETOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KKM, ISU, etc.

IDC 22 13:54:34.3.2.5, 39.06N; 140.75E, h5km, 26km, mb3.4/5, mb1 3.5/9, mb1mx3.2/62, mbtmp3.5/9, ML2.8/4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JMK, JMK, JRG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOB, ETOB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

IDC 22 13:54:29.3.1.0, 39.07N; 0.003, 140.90E, 0.03, h8km, 8km, n24, 1920/27, mb3.8/5, 2C-6D, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JOM, JOM, JOM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

MAN 22 14:49:17.2, 19.50N; 121.28E, h9km, MS5.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAJ, ASAJ, USRK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

MOS 22 14:49:18.3, 1.0, 19.40N; 121.54E, h28km, mb5.1/61, MS4.6/17, Error ellipse: s-maj=7.1km s-min=4.0km az=108.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

GCMT 22 14:49:18.0.0.1, 19.53N; 0.01, 121.18E, 0.01, h28km, MS5.3/28E, Duration: 16.0 Moment tensor: Scale 1017 Nm; M=0.74E; 02; Mw=0.91E; 01; Mo=0.16E; 01; Mo=0.28E; 02; Mw=0.09E; 01; Mw=0.41E; 03; Best double cutoff: Mo: 97800.0; 17; NP1: 119.00000; 843.00000; 1.49.00000; NP2: 249.00000; 859.00000; 1.121.00000; Principal axes: T 0.9560, P1g9.0000; Azm1.0000; N 0.0420, P1g26.0000; Azm2.666.0000; P -0.9990, P1g62.0000; Azm109.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

NEIC 22 14:49:20.0.1.9, 19.50N; 0.06, 121.33E; 0.07, h30km, 4km, mb5.0/106 Error ellipse: s-maj=11.2km s-min=7.9km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

BJI 22 14:49:19.4.0.0, 19.74N; 121.31E, h12km, mb5.0/56, mb4.8/76, ML4.9/4, Ms4.9/83, Ms7.4/878

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

IDC 22 14:49:20.4.2.5, 19.40N; 121.44E, h30km, 17km, mb4.6/35, mb1.4/739, mb1mx4.6/51, mbtmp4.8/39, ML5.1/4, MS4.5/13, Ms1 4.5/13, ms1mx4.1/25, Error ellipse: s-maj=12.1km s-min=8.2km az=76.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

KLM 22 14:49:26.19.73N; 121.14E, h88km, mb5.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS, EMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA, GYA, etc.

22d 14h

2015 JAN

1044

Table with columns: TDK, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like Taldyqorghan, Kashi, Medeo, etc.

Table with columns: NWAO, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like Tiksi, Stephens Creek, Bilbino, etc.

Table with columns: MCK, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like McKinley, Murphy Dome, WRH, etc.

KRSC 22 15:47:45.7±2.4, 50°49N-157°22E, h112km, mb3k, ML3.8
 MOS 22 15:47:47.0±7.5, 50°75N-156°68E, h130km, 2.4, Error
 ellipse: s-maj=26.7km s-min=4.5km az=71.0
 IDC 22 15:47:50.6±1.8, 51°06N-156°27E, h140km, 1.7km, mb3.3/6,
 mb1 3.5/9, mb1mx3.2/59, mbtmpr3.8/9, Error ellipse:
 s-maj=43.5km s-min=15.3km az=131.0
 NEIC 22 15:47:50.0±1.8, 51°0N-156°3E, h138km, 6km,
 mb4.6/34, Error ellipse: s-maj=22.4km s-min=1.8km
 az=131.0

ISC 22 15:47:47.9±0.8, 50°66N-108°156°82E, 0°09, h122km, 6km,
 n109, r124/126, mb4.5/24, 1D, Kuril Islands

Code	Station Name	Δ° AZ	Phase ID	Time Res	ISC
SKR	Severo-Kuril's	0.45 274	eP	15 48 05.9 +0.2	
SKR	Severo-Kuril's	0.45 274	eS	15 48 18.7 -0.5	
PAU	Pauzhetka	0.81 360	eP	15 48 07.9 -0.4	
PAU	Pauzhetka	0.81 360	eS	15 48 23.5	
KDTR	Khodutka, Kamc	1.40 34	eP	15 48 07.6 -0.7	
KDTR	Khodutka, Kamc	1.40 34	eS	15 48 33.9 -0.4	
MTVR	Mutnovka	2.02 24	eP	15 48 22.3 +0.6	
MTVR	Mutnovka	2.02 24	eS	15 48 22.3 +0.6	
GRL	Goretyy	2.05 22	eP	15 48 48.4 +0.7	
GRL	Goretyy	2.05 22	eS	15 48 49.6 +1.2	
RUS	Russkaya	2.07 30	eP	15 48 22.5 +0.3	
RUS	Russkaya	2.07 30	eS	15 48 48.5 0.0	
APC	Apacha	2.28 5	eP	15 48 23.5 -1.4	
KRMR	Karymshinskiy	2.33 20	eP	15 48 26.2 +0.8	
KRMR	Karymshinskiy	2.33 20	eS	15 48 27.5 -0.4	
PEA0B	Petropavlovsk	2.52 12	eP	15 48 27.5 -0.4	
PEA0B	Petropavlovsk	2.52 12	eS	15 48 27.5 -0.4	
PETK	Petropavlovsk	2.52 12	eP	15 48 57.3 -1.3	
PETK	Petropavlovsk	2.52 12	eS	15 48 27.4 -0.5	
PET	Petropavlovsk	2.63 25	eP	15 49 00.4 -0.8	
PET	Petropavlovsk	2.63 25	eS	15 48 29.4 +0.1	
DALK	Dalny	2.66 26	eP	15 48 30.1 +0.4	
DALK	Dalny	2.66 26	eS	15 49 01.1 -0.9	
UGLR	Uglovaya	2.84 25	eP	15 48 33.3 +1.1	
UGLR	Uglovaya	2.84 25	eS	15 48 33.3 +1.1	
KOK	Koryaka	2.87 22	eP	15 48 33.8 +1.3	
KOK	Koryaka	2.87 22	eS	15 48 33.8 +1.3	
AVH	Avacha	2.87 24	eP	15 48 33.8 +1.3	
AVH	Avacha	2.87 24	eS	15 48 33.9 +1.1	
SMAR	Somma	2.88 24	eP	15 48 33.9 +1.1	
SMAR	Somma	2.88 24	eS	15 48 34.2 +1.1	
KRER	Koryakskii	2.91 23	eP	15 49 09.2 +1.2	
KRER	Koryakskii	2.91 23	eS	15 48 34.2 +1.1	
SDLR	Sedlovina	2.92 25	eP	15 49 08.5 +0.3	
SDLR	Sedlovina	2.92 25	eS	15 49 08.5 +0.3	
KRX	Arik	2.93 22	eP	15 48 34.3 +0.9	
KRX	Arik	2.93 22	eS	15 48 34.3 +0.9	
GNL	Ganally	3.12 12	eP	15 48 35.7 -0.1	
GNL	Ganally	3.12 12	eS	15 48 35.7 -0.1	
SPN	Mys Shipunski	3.15 38	eP	15 48 36.6 +0.5	
SPN	Mys Shipunski	3.15 38	eS	15 48 36.6 +0.5	
MKZ	Mys Kozlova	4.92 36	eP	15 49 00.5 +0.5	
MKZ	Mys Kozlova	4.92 36	eS	15 49 00.5 +0.5	
KZV	Kizimen	4.94 24	eP	15 49 02.6 +1.1	
KZV	Kizimen	4.94 24	eS	15 49 02.6 +1.1	
TUMR	Tumrok D	5.04 24	eP	15 49 06.3 +0.2	
TUMR	Tumrok D	5.04 24	eS	15 49 06.3 +0.2	
TUMR	Tumrok	5.05 22	eP	15 49 21.8 -0.6	
TUMR	Tumrok	5.05 22	eS	15 49 21.8 -0.6	
ESO	Esso	5.40 11	eP	15 49 29.7 -0.1	
ESO	Esso	5.40 11	eS	15 49 29.7 -0.1	
KBTR	Krutoberegovo	6.62 30	eP	15 50 41.4 -8.2	
KBTR	Krutoberegovo	6.62 30	eS	15 49 42.8 +0.3	
BKI	Bering	7.16 47	eP	15 51 08.5 -3.8	
BKI	Bering	7.16 47	eS	15 50 31.4 +1.3	
KUR	Kuril'sk	8.10 231	eP	15 50 31.4 +1.3	
KUR	Kuril'sk	8.10 231	eS	15 50 31.4 +1.3	
JKA	Kamikawa-asahi	11.64 241	eP	15 50 31.4 +1.3	
JKA	Kamikawa-asahi	11.64 241	eS	15 50 31.4 +1.3	
ASAJ	Asahikawa	11.64 241	eP	15 50 43.9 -1.1	
ASAJ	Asahikawa	11.64 241	eS	15 50 43.9 -1.1	
ERM	Erimo	12.78 233	eP	15 51 48.4 -0.8	
ERM	Erimo	12.78 233	eS	15 51 48.4 -0.8	
BILL	Bilibino	18.05 11	eP	15 51 48.4 -0.8	
BILL	Bilibino	18.05 11	eS	15 51 48.4 -0.8	
YAK	Yakutsk	18.70 318	eP	15 51 52.1 -4.3	
YAK	Yakutsk	18.70 318	eS	15 52 23.3 -0.2	
GAMB	Gambell	21.23 40	eP	15 52 28.6	
GAMB	Gambell	21.23 40	eS	15 52 28.6	
ANM	Nome	24.10 40	eP	15 52 52.6 +0.9	
ANM	Nome	24.10 40	eS	15 52 52.6 +0.9	
BPW	Bear Paw Mtn.	30.20 44	eP	15 53 48.0 +1.7	
BPW	Bear Paw Mtn.	30.20 44	eS	15 54 56.2	
SUA	Susitna One	30.36 49	eP	15 53 46.1 -1.7	
SUA	Susitna One	30.36 49	eS	15 54 20.1	
TRF	Thorofare Moun	30.50 45	eP	15 53 50.1 +1.0	
TRF	Thorofare Moun	30.50 45	eS	15 53 52.4	
COLD	Coldfoot	30.73 37	eP	15 53 51.0 +0.1	
COLD	Coldfoot	30.73 37	eS	15 54 26.2	
I23K	Miinto, Yukon-K	30.93 42	eP	15 53 53.4 +0.8	
I23K	Miinto, Yukon-K	30.93 42	eS	15 54 14.6	
CCB	Clear Creek Bu	31.59 43	eP	15 53 59.0 +0.6	
CCB	Clear Creek Bu	31.59 43	eS	15 54 02.2 +0.5	
HDA	Harding Lake	31.96 43	eP	15 54 08.8	
HDA	Harding Lake	31.96 43	eS	15 54 08.8	
IL31	Eielson Array	31.98 42	eP	15 54 00.4 -1.4	
IL31	Eielson Array	31.98 42	eS	15 54 02.3 +0.5	
PRP	Porcupine Dome	32.54 41	eP	15 54 07.1 +0.2	
PRP	Porcupine Dome	32.54 41	eS	15 54 08.0	
FYU	Fort Yukon	32.65 39	eP	15 54 08.8 +1.2	
FYU	Fort Yukon	32.65 39	eS	15 54 14.1	
RIDG	Independent Ri	32.92 44	eP	15 54 10.1 -0.1	
RIDG	Independent Ri	32.92 44	eS	15 54 29.1	
DOT	Dot Lake	33.28 44	eP	15 54 12.6 -0.6	
DOT	Dot Lake	33.28 44	eS	15 54 23.0 +2.4	
CRQM	Cirque	34.12 43	eP	15 54 20.5 +0.1	
CRQM	Cirque	34.12 43	eS	15 54 20.5 +0.1	

Code	Station Name	Δ° AZ	Phase ID	Time Res	ISC
KZ7K	comp=Z,16nm,1.7s				
EGAK	Eagle	34.43 42	eP	15 54 23.2 +0.2	
EGAK	Eagle	34.43 42	eS	15 55 35.0	
MESA	MESA	34.80 50	eP	15 54 26.7 +0.2	
CTGM	Chitina Glacie	34.94 49	eP	15 54 27.6 0.0	
DAWY	Dawson	35.28 43	eP	15 54 30.2 -0.3	
DAWY	Dawson	35.28 43	eS	15 54 33.1	
YOJ	Yonaguni jima	36.91 238	eP	15 54 45.4 +0.7	
YOJ	Yonaguni jima	36.91 238	eS	15 54 45.4 +0.7	
INK	Inuvik	37.04 35	eP	15 54 45.1 -0.1	
SSLB	Suanguang	38.57 239	eP	15 54 58.0 -0.7	
C3M	Paulauk	40.20 33	eP	15 55 11.5 -0.2	
EUNU	Eureka	44.79 13	eP	15 55 47.7 -1.0	
EUNU	Eureka	44.79 13	eS	15 57 20.9	
YKA	Yellowknife Ar	46.34 40	eP	15 56 00.2 -0.7	
YKA	Yellowknife Ar	46.34 40	eS	15 58 05.1	
MK31	Makanchi Array	47.39 296	eP	15 56 02.5 -6.9	
MK31	Makanchi Array	47.39 296	eS	15 56 02.5 -6.9	
CMAR	Chiang Mai Arr	55.67 257	eP	16 01 54.8 -1.8	
FCC	Fort Churchill	56.65 36	eP	15 57 17.6 -0.1	
FCC	Fort Churchill	56.65 36	eS	15 57 17.6 -0.1	
HRY	Holter Researc	56.68 55	eP	15 57 17.8 -0.5	
HRY	Holter Researc	56.68 55	eS	15 57 47.6 +2.5	
PDAR	Pinedale Array	60.52 58	eP	15 57 06.2 +2.2	
PDAR	Pinedale Array	60.52 58	eS	15 59 05.5 +1.4	
WRAB	Warramunga Arr	73.02 202	eP	15 59 05.5 +1.4	
WRAB	Warramunga Arr	73.02 202	eS	16 01 42.2	
WB2	Warramunga Arr	73.03 202	eP	15 59 05.0 +0.8	
WB2	Warramunga Arr	73.03 202	eS	15 59 58.2	
WRA	Warramunga Arr	73.03 202	eP	15 59 05.5 +1.3	
WRA	Warramunga Arr	73.03 202	eS	15 59 27.6 +2.2	
AS31	Alice Springs	76.72 202	eP	15 59 27.8 +2.4	
ASAR	Alice Springs	76.72 202	eS	15 59 27.8 +2.4	

JMA 22 15:50:57.1±0.1, 24°04N-122°26E, h27km, 3km, M2.0
 TAP 22 15:50:57.1, 24°11N-122°28E, h27km, ML2.6, D
 ISC 22 15:50:56.9±1.0, 24°06N-102°122°27E, h26km, 11km,
 n95, e066/180, Taiwan region

Code	Station Name	Δ° AZ	Phase ID	Time Res	ISC
ENAH	Nanao	0.57 313	eP	15 51 07.9 -0.5	
ENAH	Nanao	0.57 313	eS	15 51 16.2 +0.1	
ENA	Nanau	0.61 307	eP	15 51 08.4 -0.6	
ENA	Nanau	0.61 307	eS	15 51 17.2 +0.1	
TWD	Chiawan	0.62 272	eP	15 51 09.6 +0.5	
TWD	Chiawan	0.62 272	eS	15 51 18.6 -0.4	
NACB	Ninganchiao	0.63 280	eP	15 51 09.4 +0.1	
NACB	Ninganchiao	0.63 280	eS	15 51 19.2 -0.1	
TWC	Suao	0.67 325	eP	15 51 08.9 -1.0	
TWC	Suao	0.67 325	eS	15 51 17.9 -0.9	
JYNG	Yonagunijimaku	0.73 58	eP	15 51 11.2 +0.2	
JYNG	Yonagunijimaku	0.73 58	eS	15 51 20.9 +0.3	
ETLH	Xiulin Townshi	0.73 282	eP	15 51 11.1 -0.1	
ETLH	Xiulin Townshi	0.73 282	eS	15 51 22.1 -0.1	
YOJ	Yonaguni jima	0.79 59	eP	15 51 11.8 -0.1	
YOJ	Yonaguni jima	0.79 59	eS	15 51 22.1 -0.1	
YOJ	Yonaguni jima	0.79 59	eP	15 51 11.8 -0.1	
YOJ	Yonaguni jima	0.79 59	eS	15 51 22.8 -0.4	
ESL	Shilin	0.80 252	eP	15 51 11.7 -0.5	
ESL	Shilin	0.80 252	eS	15 51 23.3 +0.5	
ILA	ilan	0.85 326	eP	15 51 12.4 -0.6	
ILA	ilan	0.85 326	eS	15 51 24.3 -0.5	
TWE	Neicheng	0.86 320	eP	15 51 12.9 -0.2	
TWE	Neicheng	0.86 320	eS	15 51 24.3 0.0	
ENTT	Nioudou	0.86 312	eP	15 51 13.1 -0.2	
ENTT	Nioudou	0.86 312	eS	15 51 24.7 -0.5	
EGFH	Guangfu	0.86 243	eP	15 51 13.0 -0.4	
EGFH	Guangfu	0.86 243	eS	15 51 24.9 +0.5	
NDT	Datong Townshi	0.88 308	eP	15 51 13.9 +0.4	
NDT	Datong Townshi	0.88 308	eS	15 51 24.6 -0.2	
NTC	Touheng	0.89 333	eP	15 51 13.7 0.0	
NTC	Touheng	0.89 333	eS	15 51 24.8 -0.3	
NNSH	Datong	0.89			

22d 15h

Table with columns: KEV, KOLS, ARCES, etc. and values for various stations and frequencies.

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Table with columns: LFF, BILL, PETK, etc. and values for various stations and frequencies.

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Table with columns: RPZ, WR0, WKZ, etc. and values for various stations and frequencies.

BUJ 22 15:55:41.9:0.0, 12:48'Sx167:07'E, h104km, mB5.0/23, mB4.9/46
NEIC 22 15:55:43.8:1.9, 12:92'S:0:08:166:87'E:0:09, h119km, mB3, mB4.1/18, mb1 4.2/20, mb1mx4.1/39, mbtmp4.5/20, MS3.7/3, Ms1 3.7/3, ms1mx3.1/25, Error ellipse: s-maj=17.2km s-min=14.2km az=102.0
NOU 22 15:55:46.2, 13:02'S:166:18'E, h127km, mb4.7, Vanuatu Islands
ISC 22 15:55:42.2:0.3, 12:86'S:0:05:166:93'E:0:06, h100km, mB5.0/23, mB4.7/77, mB4.7/77, 3-1D, Santa Cruz Islands

ASAR Alice Springs 144.66 134 PKP PKPdf 16 34 54.9 +1.2
WRA Warramunga Arr 131.02 211 PKP PKPdf 16 34 44.7 +0.2
ZALV Zalesovo Beam 143.85 25 PKP PKPdf 16 35 07.7 +0.2

ASAR Alice Springs 144.66 134 PKP PKPdf 17 10 27.2 -0.4
WEL 22 17:22:09.4,39:25:10.17:8E+,h20km,2km,M3.4/18,
ML3.7/18,MLV3.4/18,Error ellipse: s-maj=0.0km

GVD Gavdhos 0.80 116 PG Pn 18 01 25.3 +1.2
GVDs Gavdos 0.80 115 S Pn 18 01 25.0 +1.0
GVDs Gavdos 0.80 115 PG Pn 18 01 26.4 +1.2

NEIC 22 16:22:45.7,0.7,17.8N,0.2:68.6W,0.0:05,h83km,20km,
Error ellipse: s-maj=25.6km s-min=6.3km az=183.0

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

DR12 Loma Pena Alta 1.17 321 Op Pn 16 23 06.7 -0.9
SDD Santo Domingo 1.36 295 Pn Pn 16 23 10.0 +0.1
SDD Santo Domingo 1.36 295 eS Sn 16 23 27.5 -0.8

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

GBPR Guanica, Bosqu 1.65 86j eP Pn 16 23 14.2 +0.7
GBPR Guanica, Bosqu 1.65 86 eS Sn 16 23 35.2 +0.5
GBPR Guanica, Bosqu 1.65 86 Pn 16 23 14.2 +0.7

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

IGPR InterUniversit 2.39 87j eP Pn 16 23 23.2 +0.1
IGPR InterUniversit 2.39 87 eS Sn 16 23 17.7 -0.1
IGPR InterUniversit 2.39 87 Pn 16 23 17.7 -0.1

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

IGPR InterUniversit 2.39 87j eP Pn 16 23 23.2 +0.1
IGPR InterUniversit 2.39 87 eS Sn 16 23 17.7 -0.1
IGPR InterUniversit 2.39 87 Pn 16 23 17.7 -0.1

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

NEIC 22 16:50:49.6,1.1,0.4S,0.1:19.3W,0.2, h10km,2km,
mb4.1/7,Error ellipse: s-maj=27.0km s-min=16.4km

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

H102 ASCENSION HYDR 8.81 147 T T 17 02 06.2
H103 ASCENSION HYDR 8.81 147 T T 17 02 05.0
H101 ASCENSION HYDR 8.83 147 T T 17 02 07.6

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

DBIC Dimbokro 16.05 64 Pn 16 54 34.7 -0.9
DBIC Dimbokro 16.05 64 P 16 54 34.3 -1.3
RCBR Riachuelo 17.41 252 P P 16 54 54.4 +0.3

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

FINES FINES Array B 70.65 21 LR LR 17 34 06.9

Code Station Name Az AZ Phase ID Time Res
MHGZ Mahia Peninsula 0.13 60 Op Pn 17 22 16.0 +2.3
KNZ Kokohu 0.21 341 P S Pn 17 22 15.1 +0.4

comp=N,4um,0.5s
GVD Gavdhos 0.80 115 PG Pn 18 01 25.1 +1.0
GVDs Gavdos 0.80 115 PG S Pn 18 01 26.1 +0.9

23d Oh

Table with columns: KBZ, comp, N, A, 7nm, 0.3s, baz=86, slow=17, SNR=18, Pg, Pb, 23 28 27.6 -1.4, Lg, 23 28 50.3, etc.

IDC 22 23:37:17.7±1.4, 3°39'S-130°74'E, h0km, mb3.8/3, mb1.4/0.6, mb1mx3.7/3, mbrmp3.9/6, ML3.3/3, Error ellipse: s-maj=48.1km s-min=21.1km az=79.0

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

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Table with columns: MGZ, McQueen's Vall, 54.33 144 P P, 23 46 44.3 +0.1, MKAR, Makanchi Array, 65.92 326 P P, 23 48 04.2 +0.6, etc.

IDC 22 23:37:17.7±1.4, 3°39'S-130°74'E, h0km, mb3.8/3, mb1.4/0.6, mb1mx3.7/3, mbrmp3.9/6, ML3.3/3, Error ellipse: s-maj=48.1km s-min=21.1km az=79.0

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

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

UPP 23 00:26:44.0±0.0, 67°33'N-20°20'E, h0km, ML1.9, Explosion, Sweden

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

23d 3h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AROD Rodeo, ACDD Cuesta del Vie, ACCO Cerro Coronel, etc.

2015 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, NVAR Mina Array, BOSA Bosa, etc.

TAP 23 01:46:24.7, 24:21N:122:17E, h53km, 1km, ML2.0, D, Taiwan region

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

JMA 23 01:46:45.7, 0.2, 25:07N:123:23E, h145km, 3km, M2.3, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YOJ Yanaguni jima, YJNG Yanagunijima, etc.

GUC 23 02:08:58.4, 0.6, 22:83S:67:07W, h249km, 9km, ML4.5

IDC 23 02:08:58.1, 6.0, 22:99S:66:39W, h229km, 60km, mb2.9/4, s-maj=39.9km, s-min=2.9km, z=146.0

VAO 23 02:09:01.6, 2.2, 22:81S:66:56W, h288km, 20km, mb4.2

ISC 23 02:08:57.1, 0.7, 22:91S:107:02E, h205km, n34, s153/41, mb3.1/4, 7C, Juijuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LVC Limon Verde, LVC, PB09 IPOC Station P, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, NVAR Mina Array, YKA Yellowknife Arr, etc.

IDC 23 02:09:04.5, 2.2, 32:28S:178:15W, h0km, mb3.8/2, mb1.4/1.3, mb1mx3.8/24, mbtm3.9/3, ML3.5/1, MS3.6/1, Ms1 3.6/1, ms1mx2.8/38, Error ellipse: s-maj=66.0km, s-min=41.1km, az=137.0

ISC 23 02:09:06.0, 0.2, 5, 32:55S:0:2, 177.9W, 0.4, h20km, n7, s0637, South of Kermadec Islands

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

BGR 23 03:06:51.5, 0.0, 64:71N:120:88W, h10km, mb4.5

MOS 23 03:07:02.8, 1.6, 64:55N:17:59W, h10km, mb4.6/40, Error ellipse: s-maj=10.4km, s-min=3.4km, az=111.1

REY 23 03:07:02.5, 64:67N:17:39W, h8km

NEIC 23 03:07:03.0, 1.4, 64:65N:0:07, 17:5W:0.1, h7km, 3km, mb4.6/68, Error ellipse: s-maj=10.0km, s-min=8.1km, az=181.0

IDC 23 03:07:04.2, 0.5, 64:51N:17:63W, h0km, mb3.9/22, mb1.4/1.25, mb1mx4.0/46, mbtm3.9/25, ML3.3/3, MS3.4/13, Ms1 3.4/13, ms1mx3.1/49, Error ellipse: s-maj=16.9km, s-min=8.5km, az=18.0

ISC 23 03:07:03.0, 0.7, 64:67N:0:02, 17:43W, 0.02, h2km, 4km, n262, s166/274, mb4.4/93, MS3.3/12.7C, Iceland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDYN Dyngjuhalls, IDYN, IDJK Dyngjujokull, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BFZ Birch Farm, TIWZ Tintock, HOWZ Holdsworth Sta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KNRA Kununurra, FAKI Fak Fak, XMAS Kirintimai, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like APSI Ampana, BLDU Balidu, BNSI Bansi, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MAK, M65A, TRO, G63A, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MNK, TDB, ANDB, etc.

Table with multiple columns containing flight details: airline codes (e.g., SUW, KARA, SUE), destinations (e.g., Suwalki, Karaisali, Sulen), flight numbers, times, and status indicators. The table is organized into several vertical sections.

Table with columns: Call Sign, Location, Frequency, Mode, and other technical details. Includes stations like LIA Limnos Island, THAS Thassos island, VTS Vitosha, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other technical details. Includes stations like PHP Peshkopja, THL Thessaloniki, WME Myndd Eirian, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other technical details. Includes stations like ELSH Elham, MOTA Moosalm, MOTA comp=Z,149nm,1.1s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like COI Coimbra, PCAS Casimiro, and various other seismic stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like FITZ Fitzroy Crossi, CMAR Chang, and SEY Seymour.

INET 23 03:57:12.8, 12:11N:87.23W, h70km, ML3.5, Near coast of Nicaragua

MAN 23 03:57:19.7, 12:13N:123.91E, h3km, mb4.7, ML3.5, MS3.4, 2C-2D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CNP Catarman, OCLP Ormoc, and various other stations in the Philippines.

IDC 23 04:00:40.6, 0.9, 37.15N:97.63W, h0km, mb3.7, mb1 4.0, mb1mx3.8/57, mbtrmp3.77, ML3.5/5, MS4.4/2, mb1 4.4/2, ms1mx3.7/56, Error ellipse: s-maj=14.2km s-min=10.5km az=11.0

NEIC 23 04:00:41.5, 1.0, 37.10N:103.97E, h66km, h5km, 5km, mb_Lg3.7/135, Error ellipse: s-maj=6.6km s-min=4.7km az=80.0

ANF 23 04:00:41.1, 0.1, 37.08N:97.67W, h5km, ML4.6/18, Error ellipse: s-maj=1.9km s-min=1.9km az=156.0

ISC 23 04:00:41.2, 0.9, 37.10N:102.97E, h40.0, h9km, 6km, n175, s113/177, Kansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KAN01 Argonia South, KAN13 South Haven SW, and various other stations in Kansas.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like N33B J Bar K, Exete, N33A J Bar K, Exete, and various other stations in the US and Mexico.

IDC 23 03:55:06.3, 3.8, 17.02S:168.54E, h224km, 36km, mb4.1/7, mb1 4.2/8, mb1mx3.8/50, mbtrmp4.0/9, Error ellipse: s-maj=32.3km s-min=24.2km az=27.0

ISC 23 03:55:08.5, 0.9, 17.2S:0.1:168.5E, 0.2, h250km, n11, s103/12, mb4.3/7, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DZM Mont Dzumac, DZM Ureweira, and various other stations in the Pacific region.

US8A Gravette, US8A Gravette, HHAR Hobbs

US8A Gravette, US8A Gravette, HHAR Hobbs

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like US8A Gravette, HHAR Hobbs, X37A Clayton, and various other stations.

MSTX Muleshoe, MSTX Muleshoe, T42A Van Buren

MSTX Muleshoe, MSTX Muleshoe, T42A Van Buren

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like T42A Van Buren, T42A Van Buren, 237A Washetta, and various other stations.

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

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

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

IDC 23 04:33:06.3.2, 4.775S, 130.29E h0km, mb3.4/1, mb1 3.7/3, mb1mx3.4/29, mb1mp3.5/3, ML3.5/2, Error ellipse: s-maj=124.3km s-min=33.7km az=69.0,

ZALV Zalesovo Beam 43.01 47 P P 04 53 19.7 -1.1

comp=N,0.7nm,0.3s,baz=270,slow=8.2,SNR=2.9

IDC 23 04:47:46.1z2.4,4.21S:152.90E,h0km,mb4.2/5, mb1 4.4/5,mb1mx3.6/4.2,mbtmp2.4/2.5, Error ellipse: s-maj=52.0km s-min=31.1km az=11.0

NEIC 23 04:47:53.0,0.9,4.3S:0.2,152.85E:0.05,h4km,1.1km, mb4.2/7, Error ellipse: s-maj=30.3km s-min=7.4km az=179.0

ISC 23 04:47:52.0-1.0,4.3S:0.2,153.0E:0.1,h35km,n14, c079/12,mb4.2/8,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RABL, KWAL, MONT, DZM, WB0, WRO, WRA, AS31, ASAR, FITZ, LTZ, VDA, TORD.

IDC 23 04:48:56.3,1.1,0.29,54N:80.72E,h0km,mb3.5/3, mb1 3.6/4,mb1mx3.2/5.2,mbtmp3.5/4,ML3.5/1, Error ellipse: s-maj=22.2km s-min=7.2km az=138.0

NDI 23 04:49:07.1,1.3,2.9,71N:80.44E,h18km,22km,ML3.1

ISC 23 04:49:01.0-1.3,2.9,71N:80.44E,h18km,22km,ML3.1 c242/16,Nepal-India border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include DDI, NDI, NDI, SMLA, SMLA, BHGR, SONA, DHRM, BHPL, MKAR, KURBB, ZALV, FINES.

IDC 23 04:50:59.6-9.4,37.16N:70.18E,h216km,61km,mb3.5/1, mb1 2.9/5,mb1mx2.6/5.1,mbtmp3.5/5, Error ellipse: s-maj=91.6km s-min=60.6km az=170.0

Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include AAK, MKAR, BVAR, ZALV, ARCES, FINES.

IDC 23 04:57:32.7z15.0,6.06S:129.10E,h272km,175km, mb2.6/1,mb1 3.1/4,mb1mx2.8/3.6,mbtmp3.7/4, Error ellipse: s-maj=130.5km s-min=48.9km az=44.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include FITZ, WRA, ASAR, FITZ, ILAR, NNC.

ISC 23 05:52:17.4-7.4,37.11N:71.15E,h0km,mb3.6,mpv3.2, 3C-2D, Error ellipse: s-maj=71.6km s-min=49.0km az=142.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KK31, AAK, TKM2, QLB.

JMA 23 05:58:20.5-0.1,43.30N:145.35E,h75km,1km,M2.9

SKHL 23 05:58:21.2-0.2,43.21N:145.33E,h67km,6km,mb4.4/2

ISC 23 05:58:21.2-1.2,43.30N:145.35E:0.06,h71km,13km, n14, c041/26,Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JKHN, JKHN, NMR, NMR, NEM2, NEM2, JNK, JNK, JNSB, JNSB, JAK, JAK, JRA, JRA, GRPR, GRPR, GRPR, GRPR, YUK, YUK, YUK, YUK, JAR, JAR, JOB, JOB, JTRK, JTRK, JMP, JMP, JCH, JCH.

DRS 23 06:08:44.1-0.0,41.60N:46.39E,h10km,ML2.5/6

AZER 23 06:08:46.4-0.1,41.53N:46.65E,h29km,ml3.1/25, Error ellipse: s-maj=1.4km s-min=0.8km az=342.0

DDA 23 06:08:51.7,41.76N:45.87E,h8km,3km,ML2.3

ISC 23 06:08:47.9-0.9,41.52N:0.02,46.63E:0.02,h29km,7km, n42, c159/81,6C-6D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ZKTA, ZKTA, DDFL, DDFL, LGD, LGD, SEKA, SEKA, MNGR, MNGR, AKT, AKT, GNB, GNB, GANJ, GANJ, GDB, GDB, QZX, QZX, QZ, QZ, QBL, QBL, ARKR, ARKR.

ROM 23 06:49:09.2-0.1,44.140N:0.005,11.31E:0.009, h10km,ML1.9/1,3C, Error ellipse: s-maj=0.7km s-min=0.5km az=122.0, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ARKR, BTLR, XNQ, XNQ, QAR, QAR, QSR, QSR, KRNR, KRNR, BRDA, BRDA, BUJR, BUJR, BUJR, BUJR, BTNK, BTNK, BTNK, BTNK, BTNK, BTNK, IML, IML, AGDM, AGDM, ZRD, ZRD, ZRD, ZRD, KDMR, KDMR, PQL, PQL, POL, POL, KZRT, KZRT, KZRT, KZRT, SIZA, SIZA, SIZA, SIZA, DMNI, DMNI, DMNI, DMNI, ATGJ, ATGJ, BLQ, BLQ, BRNG, BRNG, QORD, QORD, HYR, HYR, HYR, HYR, EAK, EAK, EAK, EAK, ORD, ORD, QLB, QLB.

IDC 23 06:49:18.7z0.7,5.446N:117.29W,h0km,mb3.3/1, mb1 3.8/1,mb1mx3.5/7.0,mbtmp3.5/11,ML3.6/9, Error ellipse: s-maj=11.0km s-min=7.3km az=79.0

PGC 23 06:49:20.0,54.43N:117.30W,h1km,ML4.4,ML4.1/10, 180km Nne of Jasper, Alberta, Alberta, Canada

NEIC 23 06:49:20.5,4.43N:117.30W,h33km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.2; Mw=0.11; Mw=0.16; Mw=0.02; Mw=0.35; Mw=0.06; Fault plane solution: M4.30000x10^15 NP1:162.00000, 354.00000, 127.00000. NP2:290.00000, 850.00000, 150.00000. Principal axes: T 0.3098, Plg16.0000, Azm133.0000; N 0.1833, Plg29.0000, Azm318.0000; P 0.4932, Plg2.0000, Azm227.0000

NEIC 23 06:49:21.2,1.354N:0.06,117.26W:0.09,h15km,1km Error ellipse: s-maj=9.4km s-min=6.0km az=214.0

ISC 23 06:49:19.7-0.5,54.61N:0.03,117.08W:0.03,h10km, n122, c291/1465, Alberta

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include NBC4, NBC4, NBC4, NBC4, NMB, NMB, EDM, EDM, EDM, EDM, EDM, EDM, NBC4, NBC4, NBC4, NMB, NMB, EDM, EDM, EDM, EDM, QLB, QLB.

GLBA YRD Yrdmilf 2.88 154 Sn Sn 06 10 00.3 +0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include YRD, LRK, LRK, ASTR, ASTR.

WEL 23 06:29:51.8,47.5S:13.16E:5.1,1.1,h6km,26km,M3.9/12, mb4.0/1,ML3.9/12,ML3.9/12,Mw(mb)3.0/1, Error ellipse: s-maj=0.0km s-min=0.0km az=160.4, 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, DCZ, WHZ, WHZ, MLZ, MLZ, SYZ, SYZ, MSZ, MSZ, TUZ, TUZ, EAZ, EAZ, CAZ, CAZ, HKSZ, HKSZ, JCZ, JCZ, ODZ, ODZ, LBZ, LBZ, FOZ, FOZ, TMZ, TMZ, GCSZ, GCSZ, RPZ, RPZ, LTZ, LTZ, DSZ, DSZ, ORZ, ORZ.

WEL 23 06:32:01.5,40.5S:17.67E:1,h23km,2km,M2.1/24, ML2.2/8,ML2.2/4, Error ellipse: s-maj=0.0km s-min=0.0km az=87.4, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include DVHZ, DVHZ, POWZ, POWZ, PRWZ, PRWZ, TSZ, TSZ, BFZ, BFZ, ANWZ, ANWZ, MRZ, MRZ, WPHZ, WPHZ, PNHZ, PNHZ, PRHZ, PRHZ, HWZ, HWZ, TMWZ, TMWZ, OGWZ, OGWZ, KRHZ, KRHZ, MTW, MTW, BHZ, BHZ, KAHZ, KAHZ, KPHZ, KPHZ, MOVZ, MOVZ, WAZ, WAZ, KWHZ, KWHZ, CAWZ, CAWZ, ANWZ, ANWZ, TUWZ, TUWZ, NGZ, NGZ, OTVZ, OTVZ, BKZ, BKZ, TMVZ, TMVZ, WNVZ, WNVZ, KRZV, KRZV, PLWZ, PLWZ, BHW, BHW, NEZ, NEZ.

ROM 23 06:49:09.2-0.1,44.140N:0.005,11.31E:0.009, h10km,ML1.9/1,3C, Error ellipse: s-maj=0.7km s-min=0.5km az=122.0, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include FNVD, FNVD, MTRC, MTRC, MTRC, MTRC, PTF, PTF, PTF, PTF, ZCCA, ZCCA, POPM, POPM, POPM, POPM, POPM, POPM, MTRZ, MTRZ, BDI, BDI, BDI, BDI, RUF1, RUF1, PE3, PE3, PE3, PE3, PE3, PE3, APEC, APEC, LEOD, LEOD, GAG1, GAG1, VIVA, VIVA, LATB, LATB, PTRJ, PTRJ, VULT, VULT.

IDC 23 06:49:18.7z0.7,5.446N:117.29W,h0km,mb3.3/1, mb1 3.8/1,mb1mx3.5/7.0,mbtmp3.5/11,ML3.6/9, Error ellipse: s-maj=11.0km s-min=7.3km az=79.0

PGC 23 06:49:20.0,54.43N:117.30W,h1km,ML4.4,ML4.1/10, 180km Nne of Jasper, Alberta, Alberta, Canada

NEIC 23 06:49:20.5,4.43N:117.30W,h33km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.2; Mw=0.11; Mw=0.16; Mw=0.02; Mw=0.35; Mw=0.06; Fault plane solution: M4.30000x10^15 NP1:162.00000, 354.00000, 127.00000. NP2:290.00000, 850.00000, 150.00000. Principal axes: T 0.3098, Plg16.0000, Azm133.0000; N 0.1833, Plg29.0000, Azm318.0000; P 0.4932, Plg2.0000, Azm227.0000

NEIC 23 06:49:21.2,1.354N:0.06,117.26W:0.09,h15km,1km Error ellipse: s-maj=9.4km s-min=6.0km az=214.0

ISC 23 06:49:19.7-0.5,54.61N:0.03,117.08W:0.03,h10km, n122, c291/1465, Alberta

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include NBC4, NBC4, NBC4, NBC4, NMB, NMB, EDM, EDM, EDM, EDM, EDM, EDM, NBC4, NBC4, NBC4, NMB, NMB, EDM, EDM, EDM, EDM, QLB, QLB.

23d 6h

Table with columns for station name, coordinates, and status. Includes stations like BMBC Bull Mountain, FSB Fort Saint Jam, UBRB Upper Baezaeko, etc.

2015 JAN

Table with columns for station name, coordinates, and status. Includes stations like EPLO Experimental L, C36M Paulatuk, INK Inuvik, etc.

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Table with columns for station name, coordinates, and status. Includes stations like CARD Cardoso, MODE Modena, MAIM Mastiano, etc.

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GRAM	comp=E,60150µm,1.4s	AML	AML						
GRAM	comp=E,60150µm,1.4s	AML	AML						
GRAM	comp=N,35500µm,0.5s	AML	AML						
PRMA	PARMA	0.85 317	Pn	06 51 38.8 +0.5					
PRMA	Palmaria, Port	0.92 264	P	06 51 51.7 +1.1					
PLMA	comp=E,12750µm,0.4s	AML	AML	06 51 37.5 -1.1					
PLMA	comp=N,12550µm,0.6s	AML	AML						
SSP9	Sansepolcro	0.93 128	P	06 51 38.1 -0.6					
SSP9	comp=E,8805µm,1.3s	AML	AML						
SSP9	comp=N,11155µm,1.4s	AML	AML						
SSP9	comp=E,9930µm,1.2s	AML	AML						
SSP9	comp=N,11035µm,1.3s	AML	AML						
PARC	Parchiule	0.95 121	P	06 51 38.0 -1.0					
PARC	comp=E,5310µm,1.6s	AML	AML						
PARC	comp=N,5905µm,0.7s	AML	AML						
PARC	comp=E,5950µm,1.3s	AML	AML						
GAZZ	Gazzo Veronese	0.97 359	eP	06 51 41.4 +1.4					
CAFI	Castiglione Fio	1.02 143	P	06 51 39.5 -0.8					
CAFI	comp=E,5500µm,1.1s	AML	AML	06 51 53.5 -0.1					
CAFI	comp=E,5420µm,1.1s	AML	AML						
CAFI	comp=E,5425µm,1.1s	AML	AML						
CAFI	comp=N,6660µm,1.0s	AML	AML						
CAFI	comp=N,6270µm,1.0s	AML	AML						
BADI	Badiali	1.03 128	P	06 51 40.2 -0.2					
BADI	comp=N,5990µm,0.8s	AML	AML						
BADI	comp=E,9560µm,1.0s	AML	AML						
PE3	Peglio	1.09 114	P	06 51 41.3 -0.1					
PE3	comp=E,13650µm,1.0s	AML	AML						
PE3	comp=N,17850µm,0.8s	AML	AML						
ADRE	Adria, Italy	1.09 35	eP	06 51 42.2 +0.4					
APEC	Apecchio	1.11 122	P	06 51 41.7 0.0					
APEC	comp=N,1720µm,1.1s	AML	AML						
APEC	comp=E,1645µm,0.6s	AML	AML						
APEC	comp=E,7530µm,0.6s	AML	AML						
APEC	comp=N,8520µm,1.1s	AML	AML						
ATPI	Pietralunga -	1.16 127	P	06 51 42.2 -0.4					
ATPI	comp=E,5090µm,0.9s	AML	AML						
ATPI	comp=N,5590µm,1.5s	AML	AML						
MSSA	Maissana	1.17 279	P	06 51 43.0 +0.2					
MSSA	Maissana	1.17 279	P	06 51 42.2 -0.6					
MSSA	comp=E,12400µm,0.8s	AML	AML						
MSSA	comp=N,12100µm,0.6s	AML	AML						
NARO	Abbazia di Nar	1.18 116	P	06 51 43.0 0.0					
NARO	comp=N,3450µm,0.7s	AML	AML						
NARO	comp=N,3820µm,1.0s	AML	AML						
PIEI	Pieia	1.19 120	P	06 51 42.8 -0.3					
PIEI	comp=E,3565µm,1.3s	AML	AML						
PIEI	comp=N,3720µm,1.5s	AML	AML						
ATVO	AVT- Monte Val	1.20 129	P	06 51 42.5 -0.8					
ATVO	comp=E,7925µm,0.9s	AML	AML						
ATVO	comp=N,8615µm,1.6s	AML	AML						
PESA	Pesaro	1.25 99	P	06 51 44.4 +0.1					
PESA	comp=N,9415µm,1.3s	AML	AML						
PESA	comp=E,8575µm,1.0s	AML	AML						
TEOL	Teolo	1.27 18	P	06 51 45.4 +0.1					
TEOL	comp=E,62150µm,0.8s	AML	AML	06 52 05.0 +3.1					
TEOL	comp=N,37850µm,0.8s	AML	AML	06 51 43.5 -0.8					
TEOL	comp=E,62150µm,0.8s	AML	AML	06 51 44.2 -0.1					
TEOL	comp=N,37850µm,0.8s	AML	AML						
FSSB	Fossombrone	1.28 110	P	06 51 44.4 +0.1					
FSSB	comp=E,6710µm,0.7s	AML	AML						
FSSB	comp=N,7230µm,0.5s	AML	AML						
MURB	Monte Urbino	1.35 131	P	06 51 44.3 -0.9					
MURB	Monte Urbino	1.35 131	P	06 51 45.1 -0.2					
MURB	comp=N,10710µm,1.0s	AML	AML						
MURB	comp=E,14000µm,1.3s	AML	AML						
MURB	comp=N,10910µm,1.0s	AML	AML						
MURB	comp=E,14000µm,1.3s	AML	AML						
MURB	comp=N,13650µm,1.3s	AML	AML						
BOB	Bobbio (C-rij)	1.35 298	P	06 51 46.9 +0.1					
CASP	Castiglione de	1.37 188	P	06 51 43.9 -1.6					
CASP	Castiglione de	1.37 188	P	06 51 44.1 -1.4					
CASP	comp=N,2565µm,1.2s	AML	AML						
CASP	comp=E,3175µm,0.9s	AML	AML						
TREG	Tregnago	1.38 1	P	06 51 48.1 -0.2					
TREG	comp=N,11850µm,1.1s	AML	AML	06 51 48.7 +0.5					
TREG	comp=N,4345µm,0.8s	AML	AML	06 51 47.1 -1.2					
GORR	Gorreto	1.39 290	P	06 51 47.4 -0.1					
GORR	comp=N,10910µm,1.0s	AML	AML	06 52 04.7 +0.4					
GORR	Gorreto	1.39 290	P	06 51 46.9 +0.3					
SACS	San Casciano d	1.42 156	P	06 51 45.4 -0.8					
SACS	comp=N,3465µm,1.0s	AML	AML						
SACS	comp=N,3455µm,1.0s	AML	AML						
SACS	comp=E,3170µm,1.1s	AML	AML						
SACS	comp=E,3110µm,1.1s	AML	AML						
MGAB	Montegabbione	1.43 149	P	06 51 46.2 -0.2					
MGAB	comp=E,5580µm,0.9s	AML	AML						
MGAB	comp=N,5740µm,0.8s	AML	AML						
MGAB	comp=N,5675µm,1.5s	AML	AML						
MGAB	comp=E,5795µm,0.9s	AML	AML						
MARN	Marana (Italy)	1.49 2	eP	06 51 48.1 -0.2					
BALD	Monte Baldo	1.55 352	P	06 51 48.7 +0.5					
ASSB	Assisi San Ben	1.57 134	P	06 51 47.1 -1.2					
ASSB	comp=N,4345µm,0.8s	AML	AML						
ASSB	comp=E,4085µm,1.2s	AML	AML						
CNCS	Concesio	1.59 336	P	06 51 48.4 -0.5					
CNCS	comp=N,13500µm,0.7s	AML	AML	06 51 52.6 +0.2					
LATE	Laterza	1.61 162	P	06 51 48.4 -0.5					
EL6	Elicito	1.65 119	P	06 51 52.6 +0.2					

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EL6	comp=N,5700µm,1.2s	AML	AML						
EL6	comp=E,4985µm,0.9s	AML	AML						
MAGA	Magasa	1.67 348	P	06 51 49.8 +0.1					
MAGA	comp=E,3950µm,0.7s	AML	AML						
MAGA	comp=N,15150µm,0.8s	AML	AML						
MAGA	comp=E,3950µm,0.7s	AML	AML						
CING	Cingoli	1.69 116	P	06 51 53.1 0.0					
CING	comp=E,1870µm,0.8s	AML	AML						
CING	comp=N,3510µm,0.9s	AML	AML						
CESI	CESI - Serrava	1.73 131	P	06 51 50.1 -0.4					
CESI	comp=E,1130µm,0.9s	AML	AML						
CESI	comp=N,1101µm,0.8s	AML	AML						
DOSS	Dosso del Somm	1.73 1	eP	06 51 50.6 -0.1					
DOSS	comp=N,1101µm,0.8s	AML	AML	06 52 16.1 -0.5					
CGRP	Cima Grappa	1.80 15	P	06 51 51.7 +0.1					
CGRP	comp=N,1101µm,0.8s	AML	AML	06 52 17.8 -0.9					
MTLO	Montello	1.80 22	eP	06 51 51.8 +0.3					
MTLO	comp=N,1101µm,0.8s	AML	AML	06 52 17.2 +1.1					
FDMO	Fiordimonte	1.81 127	P	06 51 51.7 +0.2					
FDMO	comp=E,2065µm,0.7s	AML	AML						
FDMO	comp=N,2535µm,1.3s	AML	AML						
CESX	Cesi	1.87 145	P	06 51 53.1 +0.7					
CESX	comp=E,2545µm,1.6s	AML	AML						
CESX	comp=N,2375µm,0.9s	AML	AML						
ED06	Collalto TV	1.88 24	eP	06 51 52.8 +0.3					
MLNL	Milano	1.90 315	P	06 51 52.8 +0.3					
MLNL	comp=N,4265µm,0.8s	AML	AML						
MLNL	comp=E,6840µm,1.3s	AML	AML						
PANI	Panarotta	1.91 4	eP	06 51 54.8 -0.8					
PANI	comp=N,1101µm,0.8s	AML	AML	06 52 20.9 -1.3					
CTI	Castel Tesino	1.94 11	P	06 51 53.5 +0.1					
CTI	Castel Tesino	1.94 11	P	06 51 53.5 +0.1					
CTI	Castel Tesino	1.94 11	P	06 51 53.2 -0.3					
CTI	comp=N,4480µm,0.7s	AML	AML						
CTI	comp=E,5210µm,0.7s	AML	AML						
NRCA	Norcia	1.95 132	P	06 51 52.9 -0.8					
NRCA	Norcia	1.95 132	P	06 51 53.4 -0.2					
NRCA	comp=N,1800µm,0.7s	AML	AML						
NRCA	comp=E,1625µm,1.6s	AML	AML						
NRCA	comp=N,1760µm,0.6s	AML	AML						
NRCA	comp=E,1630µm,0.9s	AML	AML						
MABI	Malga Bissina	1.96 347	P	06 51 54.0 +0.2					
MABI	comp=N,1710µm,0.6s	AML	AML						
MABI	comp=E,2105µm,0.8s	AML	AML						
PP3	Marolino	1.96 112	P	06 51 55.3 -0.9					
PP3	comp=N,4420µm,0.9s	AML	AML						
PP3	comp=E,4825µm,0.8s	AML	AML						
PP3	comp=N,1710µm,0.6s	AML	AML						
YARN	Col Varamada, M	1.97 20f	eP	06 51 53.7 -0.2					
QLNO	Quiliano	2.00 276	P	06 51 54.2 -0.1					
QLNO	comp=N,4410µm,0.7s	AML	AML						
QLNO	comp=E,2365µm,1.1s	AML	AML						
FINB	Finale Ligure	2.02 272	P	06 51 53.9 -0.5					
FINB	comp=N,2360µm,1.1s	AML	AML						
FINB	comp=E,2545µm,0.6s	AML	AML						
LNSS	Leonessa	2.08 137	P	06 51 55.4 -0.1					
LNSS	comp=N,2530µm,1.0s	AML	AML						
LNSS	comp=E,3955µm,0.8s	AML	AML						
POLC	Polcenigo	2.12 27	P	06 51 55.7 -0.1					
POLC	comp=N,1420µm,0.8s	AML	AML						
POLC	comp=E,4545µm,0.9s	AML	AML						

BRG	comp=Z,26nm,0.8s	Amp		06 53 06.7	
BRG		ex	x	06 54 22.9	
BRG		ex	x	06 55 10.6	
BRG		Amp		06 55 23.6	
BRG	comp=N,2.0nm,10.3s	Amp		06 56 10.0	
BRG	comp=E,1.4nm,10.3s	Amp		06 56 11.0	
BRG	comp=Z,2.6nm,10.3s	Amp		06 56 13.0	
BRG	Bergjesshubel	6.99	15 P	Pn	06 53 03.0 +0.3
BRG			e	pmax	06 54 22.9
BRG	comp=Z,26nm,0.8s	MLR	MLR		
BRG	comp=N,2um,10.3s	MLR	MLR		
BRG	comp=E,1um,10.3s	MLR	MLR		
BRG	comp=Z,2.6nm,10.3s	MLR	MLR		
BRG	Bergjesshubel	6.99	15 Pn	Pn	06 53 03.1 +0.3
BRG			Amp		06 53 06.7
BRG	comp=Z,26nm,0.8s	ex	x	06 54 22.9	
BRG		ex	x	06 55 10.6	
BRG		Amp		06 55 23.6	
BRG	comp=N,2.0nm,10.3s	Amp		06 56 10.0	
BRG	comp=E,1.4nm,10.3s	Amp		06 56 11.0	
BRG	comp=Z,2.6nm,10.3s	Amp		06 56 13.0	
TIR	Tirane	7.01	110 P	Pn	06 53 04.5 +1.4
TIR	Tirane	7.01	110 P	Pn	06 53 04.5 +1.4
KRLC	Kraliky	7.07	31 P	MLR	06 53 03.6 -0.3
KRLC			ePn		
KRLC	comp=Z,2um,10.4s	AMS	AMS		06 53 03.6 -0.3
VAE	Valguarnera	7.11	158 Pn	Pn	06 53 05.6 +1.1
MORC	Moravsky Berou	7.14	36 ePn	Pn	06 53 04.8 0.0
MORC	Moravsky Berou	7.14	36 P	Pn	06 53 04.2 -0.6
MORC	Moravsky Berou	7.14	36 ePn	Pn	06 53 04.2 -0.6
DPD	Dobruska-Polom	7.14	28 ePn	MLR	06 53 03.7 -1.2
DPD			MLR		
DPD	Dobruska-Polom	7.14	28 ePn	Pn	06 53 03.7 -1.2
DPD			AMS		06 56 00.0
PSZ	Piszkesteto	7.17	55 P	Pn	06 53 07.6 +2.3
PSZ	Piszkesteto	7.17	55 P	Pn	06 53 07.6 +2.3
UPC	Udice	7.18	26 ePn	MLR	06 53 04.2 -1.1
UPC			MLR		
UPC	Udice	7.18	26 ePn	Pn	06 53 04.2 -1.1
UPC			AMS		06 56 00.0
CHVC	Chvalce	7.26	26 ePn	Pn	06 53 05.6 -0.9
CLL	Collm	7.28	9 ePn	Pn	06 53 06.0 -0.6
CLL			eSn		06 54 13.0 -1.6
CLL			e		06 54 20.0
CLL			e		06 54 33.0
CLL			e		06 54 38.0
CLL			e		06 54 48.0
CLL			eSg		06 54 57.0
CLL			Sg		06 55 08.0 -6.1
CLL	comp=Z,112nm,1.0s	eLmax			06 55 50.0
CLL	Collm	7.28	9 eP	Pn	06 53 06.0 -0.6
CLL			eP		06 56 10.0
CLL	comp=Z,40nm,0.6s				06 53 06.0 -0.6
CLL	Ostas	7.28	27 AMS	AMS	06 56 10.0
MEM	Membach	7.34	334 dPb	Pb	06 53 27.7 -0.2
GIVF	Givet	7.34	326 ePn	Pn	06 53 09.7 +2.1
GIVF			eSn		06 54 25.0 -5.7
BCLA	Clavier	7.42	330 dPn	Pn	06 53 16.6 +0.5
BCLA			Pg		06 53 42.0 -0.7
DOU	Dourbes	7.43	326 dPn	Pn	06 53 09.1 +0.3
DOU			dk		06 53 34.4
DOU			dPn		06 53 42.4 -0.5
DOU			Pg		06 53 12.8 +3.6
DOU			eSn		06 54 27.4 -6.3
DOU	La Freustale	7.46	280 ePn	Pn	06 53 12.8 +3.6
DOU			eSn		06 54 27.4 -6.3
BOES	Gesves	7.47	329 dPn	Pn	06 53 11.8 +2.5
BOES			dPn		06 53 42.9 -0.7
BMRD	Maredsous	7.52	327 dPb	Pb	06 53 29.4 -1.6
KSP	Ksiaz	7.56	26 ePn	Pn	06 53 09.5 -1.0
KSP			eSn		06 54 31.6 -4.3
BAIF	Baives	7.56	324 ePn	Pn	06 53 12.7 +2.1
BZS	Buzias	7.60	75 P	Pn	06 53 12.8 +1.7
BZS	Buzias	7.60	75 P	Pn	06 53 12.8 +1.7
MDVR	Moldovita	7.60	82 P	Pn	06 53 02.3 -8.9
LANS	Liptovska Anna	7.61	46 ePn	Pn	06 53 13.9 +2.6
LANS	Liptovska Anna	7.61	46 ePn	Pn	06 53 13.9 +2.6
SNF	Senefte	7.88	326 dPn	Pn	06 53 15.3 +0.5
SNF			dk		06 53 34.2
EPF	Esparrros	7.91	266 ePn	Pn	06 53 14.4 -1.0
EPF	Esparrros	7.91	266 ePn	Pn	06 53 19.4 +4.0
EPF			eSn		06 54 37.3 -7.5
HERR	Herculeane	8.11	81 P	Pn	06 53 18.8 +0.8
NIE	Niedzica	8.21	47 ePn	Pn	06 53 24.9 +5.4
MFF	Saint Martin d	8.31	291 ePn	Pn	06 53 24.5 +3.7
MFF			eSn		06 54 47.8 -6.6
MJC	comp=Z,4.4nm,0.5s				06 53 23.2 +2.4
OJC	Ojcow	8.47	41 ePn	Pn	06 53 35.0 +1.2
KEST	Kesra	8.52	190 Pn	Pn	06 53 25.0 +1.2
KEST	comp=Z,0.4nm,0.3s,baz=227,slow=7.5,SNR=2.7				06 56 14.4
DRGR	comp=Z,359nm,21.1s,baz=27,slow=35				06 53 26.3 +1.9
DRGR		8.56	68 P	Pn	06 53 26.3 +1.9
DRGR		8.56	68 P	Pn	06 53 26.3 +1.9
CRVS	Cervencia-Dubn	8.56	53 ePn	Pn	06 53 26.9 +2.5
CRVS	Cervencia-Dubn	8.56	53 ePn	Pn	06 53 26.9 +2.5
ETSF	Etsaut	8.56	266 ePn	Pn	06 53 28.6 +3.9
ETSF			eSn		06 54 53.6 -7.7
UZH	Uzhgorod	8.92	56 ePn	Pn	06 53 33.0 +3.8
UZH			eS		06 55 12.8 +3.3
UZH	comp=N,250nm,10.0s	MLR	MLR		
UZH	comp=E,250nm,10.0s	MLR	MLR		
UZH	comp=Z,200nm,10.0s	MLR	MLR		
VTS	Vitosha	8.95	96 P	Pn	06 53 31.8 +2.0
VTS	Vitosha	8.95	96 P	Pn	06 53 31.8 +2.0
LDF	La Druitiere	8.96	304 ePn	Pn	06 53 32.6 +2.9
LDF			eSn		06 55 03.4 -6.9
SJPF	Ste Jean	9.02	268 ePn	Pn	06 53 34.4 +3.8
SJPF			eSn		06 55 05.1 -6.8
KOLS	Kolonické sedl	9.05	54 ePn	Pn	06 53 37.7 +6.7
KOLS	Kolonické sedl	9.05	54 ePn	Pn	06 53 38.7 +4.0
FLN	La Foliniere	9.24	304 ePn	Pn	06 53 37.6 +4.0
FLN			eSn		06 55 09.8 -7.6
GRR	Gorron	9.32	301 ePn	Pn	06 53 33.0 -1.7
GRR	Gorron	9.32	301 ePn	Pn	06 53 38.7 +4.0
GRR			eSn		06 55 12.6 -6.6
KWP	Kalwaria Pna	9.64	51 ePn	Pn	06 53 42.2 +3.1
ARR	Arges	9.69	78 P	Pn	06 53 42.8 +3.0
VOIR		9.98	78 P	Pn	06 53 47.7 +3.8
VOIR		9.98	78 P	Pn	06 53 47.7 +3.8
SGMF	Saint Gilles	10.33	298 ePn	Pn	06 53 50.0 +2.2
SGMF			eSn		06 55 36.0 -8.2
BURAR	Bucovina Array	10.42	66 P	Pn	06 53 52.9 +3.1
BURAR	Bucovina Array	10.42	66 P	Pn	06 53 52.9 +3.1
MLR	Muntele Rosu	10.62	78 Pn	Pn	06 53 54.1 +1.5
MLR	comp=Z,0.2nm,0.3s,baz=295,slow=12,SNR=2.0				06 58 27.9

MLR	Muntele Rosu	10.62	78 P	Pn	06 53 55.3 +2.7
QUIF	Quistinic	10.63	296 ePn	Pn	06 53 51.1 -1.4
QUIF			eSn		06 55 43.5 -7.8
ROSF	Rostrenen	10.81	298 ePn	Pn	06 53 53.5 -1.6
ROSF			eSn		06 55 47.8 -8.1
VRI	Vrincioia	11.18	76 P	Pn	06 53 53.6 -6.6
VRI	Vrincioia	11.18	76 P	Pn	06 53 53.9 -6.6
ESDC	Seneca Array	12.09	254 Pn	Pn	06 54 12.8 0.0
ESDC	comp=Z,1.6nm,0.4s				06 54 18.0 0.0
PAB	San Pablo	12.42	254 Pn	Pn	06 54 18.1 +0.9
PAB	San Pablo	12.42	254 Pn	Pn	06 54 18.1 +0.9
AKAS	Malin Array B	13.88	55 Pn	Pn	06 54 36.7 +0.3
AKAS	comp=Z,2.6nm,13.8SNR=2.3				
AKBA	Malin Array Si	13.88	55 ePn	Pn	06 54 37.2 +0.2
EKA	Eskdalemuir Ar	14.48	326 Pn	Pn	06 54 47.2 +2.0
EKA	comp=Z,132,slow=14,SNR=2.6				
NACGM	Naroch	14.77	38 I Sb		07 01 12.9
NACGM	comp=Z,459nm,25.6s				
NACGM	Naroch	14.77	38 I P	Pn	06 54 49.5 +0.4
NACGM	Naroch	14.77	38 I P	Pn	06 54 49.5 +0.4
NACGM	Naroch	14.77	38 I P	Pn	06 54 49.5 +0.4
NACGM	Naroch	14.77	38 I P	Pn	06 54 51.1 +2.0
NACGM	Naroch	14.77	38 I P	P	06 54 57.9 +2.8
NACGM	Naroch	14.77	38 I PPP	PPP	06 55 05.5
NACGM	Naroch	14.77	38 I S	Sn	06 57 32.8 +0.2
NACGM	Naroch	14.77	38 I S	S	06 57 50.5 -0.4
NACGM	Naroch	14.77	38 I SSS	SSS	06 58 12.7 -0.4
NACGM	Naroch	14.77	38 I LQ	LQ	06 59 07.4
NACGM	Naroch	14.77	38 I LR	LR	07 00 13.6
MNK	Minsk	15.02	40 I LRM	MLR	07 01 13.6
MNK	comp=Z,288nm,21.0s				
MNK	Minsk	15.02	40 I P	Pn	06 54 48.7 -3.7
MNK	Minsk	15.02	40 I P	Pn	06 54 48.7 -3.7
MNK	Minsk	15.02	40 I P	Pn	06 54 48.7 -3.7
MNK	Minsk	15.02	40 I P	P	06 54 56.7 -1.1
MNK	Minsk	15.02	40 I PPP	PPP	06 55 04.4
MNK	Minsk	15.02	40 I S	Sn	06 57 33.3 -5.1
MNK	Minsk	15.02	40 I SSS	SSS	06 57 48.8 -7.3
MNK	Minsk	15.02	40 I LQ	LQ	06 58 01.4
MNK	Minsk	15.02	40 I LR	LR	06 59 11.4
MNK	Minsk	15.02	40 I LRM	MLR	06 59 50.4
MNK	comp=E,15nm,19.6s				07 01 13.6
MNK	Minsk	15.02	40 I LRM	MLR	07 01 13.6
HFS	Hagfors	16.09	5 Pn	Pn	06 55 08.8 -0.9
HFS	comp=Z,0.2nm,0.3s,baz=179,slow=1.9,SNR=1.9				
NC602	NORSAR Array S	16.62	1 P	I Amb	06 55 14.7 -0.9
NC602					06 55 17.6
PFVI	Vila Bisbo	16.66	252 P	I Amb	06 55 15.3 -0.9
PFVI					06 55 36.7
MDT	Midelt	16.69	233 LR	LR	07 01 06.7
MDT	comp=Z,208nm,19.0s,baz=25,slow=35				
NB2	NORSAR Subarra	16.92	0 P	P	06 55 20.8 +1.8
NB2	comp=Z,0.2nm,0.6s,baz=19,slow=1.4				
NOA	NORSAR Array B	16.92	0 Pn	Pn	06 55 16.8 -0.2
NOA	comp=Z,0.0nm,0.3s,baz=182,slow=11,SNR=20				
NOA					07 02 12.7
NB201	NORSAR Array S	16.93	0 P	I Amb	06 55 16.0 -1.1
NB201					06 55 32.0
NC405	NORSAR Array S	17.00	1 P	I Amb	06 55 16.8 -1.2
NC405	comp=Z,52nm,0.8s				06 55 21.9
NC303	NORSAR Array S	17.11	0 P	I Amb	06 55 19.2 -0.1
NC303	comp=Z,47nm,1.1s				06 55 28.3
NC204	NORSAR Array S	17.16	259 Pn	Pn	06 55 19.2 -0.8
NC204	VSU	17.17	381 ePn	Pn	06 55 21.5 +0.2
NC204					06 55 36.7
BR131	Keskin Array S	17.31	97 P	Pn	06 55 21.0 -1.1
BR131					06 55 36.7
BR131	Keskin Array S	17.31	97 P	Pn	06 55 21.0 -1.1
BR131	comp=Z,1.0nm,1.3s				06 55 24.2 +0.7
BR131	Keskin Array B	17.31	97 P	Pn	06 55 21.0 -1.1
BR131	comp=Z,0.1nm,0.3s,baz=269,slow=10,SNR=2.9				06 55 24.2 +0.7
BRTR	Keskin Array B	17.31	97 P	Pn	06 55 21.0 -1.1
BRTR	comp=Z,0.1nm,0.3s,baz=46,slow=3.6,SNR=3.7				07 00 04.7 +0.4
ANN	Anapa	18.76	79 ePn	Pn	06 55 37.4 -1.9
ANN			eS		06 59 06.8 -2.6
ANN			ePn		06 59 06.8 -2.6
ANN	comp=Z,46nm,0.8s				06 59 06.8 -2.6
ANN			MLR		06 59 06.8 -2.6
ANN	comp=N,297nm,17.0s				06 59 06.8 -2.6
ANN			MLR		06 59 06.8 -2.6
FINES	FINES Array B	19.45	22 P	P	06 55 47.1 +0.3
FINES	comp=Z,0.4nm,0.3s,baz=185,slow=7.1,SNR=14				
FINES					07 03 51.5
OBN	Obninsk	19.68	47 LR	LR	07 04 15.7
OBN	comp=Z,510nm,21.2s,baz=174,slow=38				

23d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Cedar Bluff, Hoyer Research, etc.

IDC 23 06:52:06.13.0.25158N.124.66E h116km.28km, mb3.3/9, m1 3.5/10, mb1mx3.2,264, mbtmp3/10, Error ellipse: s-maj=24.8km s-min=15.8km az=70.0

JMA 23 06:52:06.8.0.2.25142N.124.57E h127km.5km, M3.7

ISC 23 06:52:07.0.0.2.25145N.124.61E h124.61E.0.06, h128km.8km, n34.1e194/48, mb3.6/9, Northeast of Taiwan

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

NEIC 23 06:52:43.9.1.1.1013S.01x78.1W.0.2, h60km.36km, mb3.6/2, Error ellipse: s-maj=36.2km s-min=6.8km az=64.0

ARE 23 06:52:38.4.7.1013S.01x78.6W.0.2, h36km.10km, Error ellipse: s-maj=0.0km s-min=0.0km az=156.0, Near coast of Peru

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

ROM 23 06:58:12.6.0.1.44128N.0009.11.15E.0.01, h8km, ML2.0/8, Error ellipse: s-maj=1.0km s-min=0.6km az=347.0, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fontana Vidola, Monte La Croce, Prato, etc.

2015 JAN

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

ROM 23 06:58:47.8.0.1.441159N.0006.11.13E.0.01, h10km, Md1.2/4, Error ellipse: s-maj=0.9km s-min=0.5km az=311.0, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fontana Vidola, Monte La Croce, Prato, etc.

ROM 23 07:02:41.8.0.1.441152N.0005.11.13E.0.009, h10km, Md1.4/8, 1C-1D, Error ellipse: s-maj=0.8km s-min=0.6km az=292.0, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fontana Vidola, Monte La Croce, Prato, etc.

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

VIE 23 07:03:34.8.0.5.43.85N.11.18E, h10km, mb2.7/14, m1.0/17, Error ellipse: s-maj=4.2km s-min=2.9km az=19.0

ROM 23 07:03:37.7.0.1.441154N.0009.11.11E.0.01, h8km, ML3.0/3, Error ellipse: s-maj=1.0km s-min=0.8km az=333.0

PRU 23 07:03:40.9.0.4.4430N.11.29E, h0km, ISC 23 07:03:37.8.0.8.44115N.002.11.12E.0.03, h10km.5km, n55.1e117/77, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fontana Vidola, Monte La Croce, Prato, etc.

STR 23 09:56:14.5:1.1,44°N:6°11'E, h0km, MLv3.4/6, smi:scs/0.6/LOCASAT earthModelID
 smi:scs/0.6/alpes_tap-2.1 preliminary
 GEN 23 09:56:15.44:14N:11.15E, h10km, MI3.3
 LDG 23 09:56:16.8:0.2,44°12'N:11°19'E, h10km, MI3.3/28, Error ellipse: s-maj=3.8km s-min=3.2km az=77.0
 IASPEI 23 09:56:16.5:0.8,44°12'N:0°02'11.13E:0.02, h10km, 6km, mb3.7/6, Error ellipse: s-maj=3.5km s-min=2.6km az=24.6, GTS selection from ISC bulletin GTS identified by Bondar and McLaughlin (2009) selection criteria Bondar and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Let., 80, 465-472, 2009
 IDC 23 09:56:16.8:1.3,44°10'N:10°92'E, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.5/39, mbtmp3.7/8, ML3.2/2, MS3.0/4, Ms1 3.0/4, ms1mx2.5/55, Error ellipse: s-maj=20.2km s-min=16.7km az=96.0
 ROM 23 09:56:16.1:0.1,44°13'N:0°00'6.11'132E:0.006, h9km, ML3.4/55, Error ellipse: s-maj=0.7km s-min=0.3km az=4.0
 PRU 23 09:56:17.0:0.0,44°17'N:11°24'E, h0km
 BGR 23 09:56:18.1:3.4,44°01'N:11°26'E, h10km, ML3.5/7, Error ellipse: s-maj=56.7km s-min=12.2km az=6.0
 ISC 23 09:56:16.8:0.8,44°10'N:0°02'11.11E:0.01, h9km, 5km, n174, c188/232, mb3.7/6, 7C-3D, Northern Italy

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					h	m	s
FVND	Fontana Vidola	0.07	8	Op	ISC	09 56 17.8	-1.3
FVND	Fontana Vidola	0.07	8	S	Pg	09 56 19.6	-1.1
MTCR	Monte La Croce	0.11	228	P	Sg	09 56 22.4	+0.3
MTCR	Monte La Croce	0.11	228	S	Pg	09 56 22.4	+0.3
MTCR	Monte La Croce	0.11	228	S	Sg	09 56 23.0	+1.5
MTCR	comp=N,74850um,1.1s			AML	AML		
MTCR	comp=E,73000um,1.4s			AML	AML		
MTCR	comp=E,72950um,1.4s			AML	AML		
MTCR	comp=N,74850um,1.1s			AML	AML		
MTCR	comp=N,74850um,1.1s			AML	AML		
PTF	Prato	0.14	191	↑P	Pg	09 56 20.5	+0.5
SEI	Scarperia	0.18	104	P	Pg	09 56 19.9	-0.8
SEI	Scarperia	0.18	104	S	Sg	09 56 23.5	+0.1
SEI	comp=E,80850um,0.3s			AML	AML		
SEI	comp=E,80850um,0.3s			AML	AML		
POP	Popiglio	0.26	258	↑P	Pg	09 56 22.4	+0.3
POP	Popiglio	0.26	258	S	Sg	09 56 27.2	+1.6
POP	Popiglio	0.26	258	S	Sg	09 56 27.5	+1.9
POP	comp=N,54800um,0.2s			AML	AML		
POP	comp=E,34500um,0.1s			AML	AML		
POP	comp=E,34550um,0.1s			AML	AML		
POP	comp=N,54800um,0.2s			AML	AML		
ZCCA	Zocca	0.27	339	↑P	Pg	09 56 22.2	-0.1
ZCCA	Zocca	0.27	339	AML	AML		
ZCCA	comp=E,10075um,1.5s			AML	AML		
ZCCA	comp=N,10075um,0.4s			AML	AML		
ZCCA	comp=N,10070um,0.4s			AML	AML		
ZCCA	comp=E,11520um,1.4s			AML	AML		
ZCCA	comp=N,9765um,0.8s			AML	AML		
ZCCA	comp=E,10080um,1.5s			AML	AML		
BRIS	BRISIGHELLA	0.29	80	P	Pb	09 56 25.2	+0.9
BRIS	BRISIGHELLA	0.29	80	AML	AML		
BRIS	comp=N,8985um,0.6s			AML	AML		
CRMI	Carmignano	0.33	198	P	Pg	09 56 23.9	+0.6
CRMI	Carmignano	0.33	198	S	Sb	09 56 30.0	-0.1
CRMI	Firenze	0.34	162	P	Pb	09 56 25.3	+0.3
CRMI	Firenze	0.34	162	S	Sb	09 56 30.3	-0.3
BDI	Bagni Di Lucca	0.37	264	↑P	Pg	09 56 24.1	-0.1
BDI	Bagni Di Lucca	0.37	264	S	Sg	09 56 30.5	+1.4
BDI	comp=N,14400um,0.3s			AML	AML		
BDI	comp=N,14450um,0.3s			AML	AML		
BDI	comp=E,10030um,0.4s			AML	AML		
BDI	comp=N,14500um,0.3s			AML	AML		
BDI	comp=E,9510um,1.0s			AML	AML		
MTRZ	Monterenzio	0.38	43	↑P	Pg	09 56 22.2	-2.1
MTRZ	Monterenzio	0.38	43	AML	AML		
MTRZ	comp=E,22550um,0.9s			AML	AML		
MTRZ	comp=N,19200um,0.8s			AML	AML		
MTRZ	comp=E,22550um,0.9s			AML	AML		
MTRZ	comp=N,19050um,0.8s			AML	AML		
MTRZ	comp=E,22900um,0.9s			AML	AML		
MTRZ	comp=N,19050um,0.8s			AML	AML		
MTRZ	comp=E,22550um,0.9s			AML	AML		
RUFI	Rufina	0.39	132	P	Pg	09 56 24.2	-0.3
RUFI	Rufina	0.39	132	S	Sg	09 56 30.3	+0.7
RUFI	comp=E,3930um,0.4s			AML	AML		
RUFI	comp=N,5050um,0.7s			AML	AML		
RUFI	comp=E,3925um,0.4s			AML	AML		
RUFI	comp=N,5055um,0.7s			AML	AML		
LMD	Lutirano	0.43	93	↑P	Pg	09 56 24.1	-1.2
LMD	Lutirano	0.43	93	AML	AML		
LMD	comp=N,3980um,1.6s			AML	AML		
LMD	comp=N,5410um,0.9s			AML	AML		
LMD	comp=N,5415um,0.9s			AML	AML		
CARD	Cardoso	0.46	261	P	Pg	09 56 25.8	+0.1
CARD	Cardoso	0.46	261	S	Sg	09 56 34.3	+1.8
CARD	Cardoso	0.46	261	P	Pg	09 56 25.4	-0.4
CARD	Cardoso	0.46	261	S	Sg	09 56 33.0	+1.2
CARD	comp=N,7590um,0.4s			AML	AML		
CARD	comp=E,5980um,1.0s			AML	AML		
CARD	comp=E,5975um,1.0s			AML	AML		
MAIM	Mastiano	0.48	248	P	Pg	09 56 26.0	-0.3
MAIM	Mastiano	0.48	248	S	Sg	09 56 34.3	+1.8
MAIM	Mastiano	0.48	248	↑P	Pg	09 56 25.9	-0.3
MAIM	Mastiano	0.48	248	S	Sg	09 56 34.1	+1.5
MAIM	comp=E,2855um,0.3s			AML	AML		
SARO	Sassorosso	0.52	280	P	Pg	09 56 26.6	-0.3
SARO	Sassorosso	0.52	280	S	Sg	09 56 34.6	+0.9
VLC	Villacollemand	0.52	277	↑P	Pg	09 56 26.6	-0.4
VLC	Villacollemand	0.52	277	S	Sg	09 56 35.2	+1.3
VLC	comp=E,2610um,1.2s			AML	AML		
VLC	comp=N,4510um,0.7s			AML	AML		
VLC	comp=N,4500um,0.7s			AML	AML		
VLC	comp=N,4500um,0.7s			AML	AML		

VLC	comp=E,2600um,1.2s			AML	AML		
VLC	comp=N,4495um,0.7s			AML	AML		
MODE	Modena	0.54	348	P	Pg	09 56 27.7	-0.1
MODE	Modena	0.54	348	S	Sg	09 56 36.7	+1.5
MODE	comp=E,10640um,0.7s			AML	AML		
MODE	comp=E,10615um,0.7s			AML	AML		
MODE	comp=N,11050um,0.7s			AML	AML		
PII	Pisa	0.57	228	P	Pg	09 56 27.7	-0.1
PII	Pisa	0.57	228	S	Sg	09 56 36.7	+1.5
PII	comp=N,6080um,1.3s			AML	AML		
PII	comp=E,6870um,0.4s			AML	AML		
SFI	Santa Sofia	0.57	110	P	Pg	09 56 26.9	-1.0
SFI	Santa Sofia	0.57	110	S	Sb	09 56 36.1	-1.0
SFI	comp=N,4285um,0.7s			AML	AML		
SFI	comp=E,3475um,0.3s			AML	AML		
SFI	comp=N,4285um,0.7s			AML	AML		
SFI	comp=E,3480um,0.3s			AML	AML		
SFI	comp=N,4235um,0.9s			AML	AML		
SFI	comp=E,4140um,1.0s			AML	AML		
ASQU	Asqua	0.58	121	P	Pg	09 56 27.4	-0.6
ASQU	Asqua	0.58	121	AML	AML		
ASQU	comp=E,2795um,1.0s			AML	AML		
OSSC	Osservatorio P	0.58	170	P	Pg	09 56 28.6	+0.5
OSSC	Osservatorio P	0.58	170	AML	AML		
OSSC	comp=N,6725um,0.7s			AML	AML		
OSSC	comp=E,6660um,0.7s			AML	AML		
OSSC	comp=N,8220um,1.3s			AML	AML		
OSSC	comp=E,8375um,1.3s			AML	AML		
ERBM	Eremito	0.59	303	P	Pg	09 56 28.3	-0.1
ERBM	Eremito	0.59	303	AML	AML		
ERBM	comp=E,1625um,1.5s			AML	AML		
ERBM	comp=E,1630um,1.5s			AML	AML		
ERBM	comp=N,2230um,1.4s			AML	AML		
FIU	Minerbio Fiu	0.61	27	P	Pg	09 56 28.8	+0.3
FIU	Minerbio Fiu	0.61	27	AML	AML		
FIU	comp=E,11275um,1.2s			AML	AML		
FIU	comp=N,12015um,1.0s			AML	AML		
FIU	comp=N,11980um,1.0s			AML	AML		
CSNT	Castellina I.	0.64	168	P	Pg	09 56 29.6	+0.3
CSNT	Castellina I.	0.64	168	AML	AML		
CSNT	comp=E,4445um,0.5s			AML	AML		
RAVA	Ravarnone	0.66	1	P	Pg	09 56 30.1	+0.5
EQUI	Equi	0.69	276	P	Pg	09 56 29.8	-0.4
EQUI	Equi	0.69	276	S	Sg	09 56 40.0	+0.7
EQUI	Equi	0.69	276	AML	AML		
EQUI	comp=N,1945um,0.8s			AML	AML		
NOVE	Novellara	0.75	338	P	Pb	09 56 32.6	+0.6
NOVE	Novellara	0.75	338	AML	AML		
NOVE	comp=E,5230um,0.8s			AML	AML		
GRAM	Graiana	0.84	298	P	Pg	09 56 32.8	-0.4
GRAM	Graiana	0.84	298	AML	AML		
GRAM	comp=N,3245um,0.4s			AML	AML		
SSP	Sansepolcro	0.91	125	P	Pg	09 56 34.4	+0.1
SSP	Sansepolcro	0.91	125	AML	AML		
SSP	comp=E,2215um,0.5s			AML	AML		
SSP	comp=N,1830um,0.7s			AML	AML		
SSP	comp=N,1805um,0.7s			AML	AML		
PLMA	Palmaria, Port	0.91	267	P	Pb	09 56 34.0	-0.7
PLMA	Palmaria, Port	0.91	267	AML	AML		
PLMA	comp=E,1056um,0.9s			AML	AML		
PARC	Parchiule	0.93	118	P	Pg	09 56 34.6	-0.2
PARC	Parchiule	0.93	118	AML	AML		
PARC	comp=E,1120um,1.6s			AML	AML		
CAFI	Castiglione Fio	0.99	141	P	Pb	09 56 35.4	-0.7
CAFI	Castiglione Fio	0.99	141	AML	AML		
CAFI	comp=E,1570um,0.7s			AML	AML		
CAFI	comp=N,1480um,1.0s			AML	AML		
CAFI	comp=N,1430um,1.0s			AML	AML		
BADI	Badiali	1.01	125	P	Pb	09 56 36.0	-0.5
BADI	Badiali	1.01	125	AML	AML		
BADI	comp=E,1590um,1.6s			AML	AML		

Table with columns: RETA, comp=N, 16nm, 0.4s, eSn, Sn, 09 57 52.6 +2.2, etc. Lists various radio stations and their frequencies.

Table with columns: TORO Torodj Ar. Bea, 31.89 198 LR, LR, 10 17 08.2, etc. Lists radio stations and includes a section for 'Suspected Mining explosion, Turkey'.

Table with columns: AUBOZ BOZOYUK, 1.12 98 iP, Pb, 10 20 03.1 -2.5, etc. Lists radio stations and their frequencies.

Table with columns for station name, frequency, mode, and various signal quality metrics. Includes stations like ARMN Kirklareli, ME, BOYA, VRH Novokhoporsk, and many others.

23d 10th

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

WEL 23 10:22:18.9, 41°S, 2°17'3E, h151km, 3km, M3.5/5.5, ML3.5/5.5, Error ellipse: s-maj=0.0km s-min=0.0km az=89.1, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NNZ Nelson, THZ Tophouse, QZT Quartz Range, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WNVZ Wahianoa, PNHZ Pukenui, FWVZ Far West T-bar, etc.

ZUR 23 10:31:01.2, 47°45'N, 7°86'E, h10km, 1km, ML1.5/9, 8C-4D, Error ellipse: s-maj=2.6km s-min=0.6km az=36.0, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROTHE Rothenfluh, EMMET Emmethof, SFRA Frenkendorf, etc.

STR 23 10:31:03.9, 0.4, 47°6'N, 0°9'±, h3km, 1km, MLV1.6/4, smi:scs/0.6/haslach_taup-2.11 preliminary

LDG 23 10:31:04.8, 0.1, 47°46'N, 7°84'E, h1km, M1.2/3/15, Error ellipse: s-maj=1.5km s-min=1.0km az=156.0

ZUR 23 10:31:04.2, 47°45'N, 7°85'E, h11km, 1km, ML1.8/8, 2D, Error ellipse: s-maj=2.3km s-min=0.7km az=49.0, Switzerland

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ECH Champ du Feu, OPP Oppenau, HAU Haudompre, etc.

IDC 23 10:33:37.5, 4.9, 37°05'S, 145°01'E, h0km, mb3.9/3, mb1.4/3.4, mb1mx3/7/38, mbtmp4.1/4, ML4.2/1, Error ellipse: s-maj=14.4km s-min=31.4km az=99.0, Near north coast of New Guinea

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

GCG 23 10:51:08.2, 3.1, 15°49'N, 95°10'W, h31km, 999km, MD4.9, IDC 23 10:51:09.3, 0.9, 15°46'N, 94°47'W, h0km, mb4.1/15, mb1.4/3.17, mb1mx4.1/51, mbtmp4.2/17, ML3.8/2, MS3.5/10, Ms1.3/5.10, mb1mx3.2/33, Error ellipse: s-maj=30.4km s-min=10.2km az=61.0

MEX 23 10:51:14.8, 0.8, 15°34'N, 94°61'W, h16km, 8km, MD4.4, NEIC 23 10:51:15.7, 2.1, 15°44'N, 0°06-94°57'W, h0.04, h42km, 5km, Error ellipse: s-maj=8.4km s-min=5.4km az=191.0

ISC 23 10:51:15.1, 1.0, 15°40'N, 0°05-94°61'W, h45km, 10km, Oaxaca, 1936/267, mb4.3/41, MS3.4/10, 1D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG Huatulco, CMIG Matias Romero, CMIG Puerto Angel, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TX32, TXAR, TX31, TX31, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KAN01, NHSC, ANMO, ANMO, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like WVOR, HRY, ULM, EGMT, etc.

Station information and technical details for stations in the 23d 12h section.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA, ASAR, CMAR, etc.

Station information and technical details for stations in the 23d 12h section.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TAS, IUG, BTk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UCH, AAK, IUG, KBK, KK31, etc.

IDC 23 13:23:41.1, 2.2, 15.25S; 67.20E, h0km, mb3.76, mb1 3.9/6, mb1mx3.6/28, mbtmp3.7/6, MS3.7/7, Ms1 3.7/7, ms1mx3.3/32, Error ellipse: s-maj=79.7km s-min=28.3km az=49.0

NEIC 23 13:23:41.7, 1.8, 15.45S; 0.2:67.1E; 0.2, h10km, 2km, mb4.2/3, Error ellipse: s-maj=28.8km s-min=26.0km az=171.0

ISC 23 13:23:41.4, 1.1, 15.55S; 0.2:67.1E; 0.2, h10km, n22, e1911/10, mb4.0/7, MS3.8/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S1, H0S2, H0S3, ABPO, etc.

INET 23 13:23:42.8, 12.13N, 86.68W, h108km, ML3.7, SN23 13:23:43.1, 1.0, 17.75N; 87.10W, h60km, 38km, ML3.4

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

IDC 23 13:26:22.0, 2.0, 1.34N; 100.25W, h0km, mb4.1/8, mb1 4.4/9, mb1mx4.1/36, mbtmp4.1/9, ML2.9/1, MS3.8/12, Ms1 3.8/12, ms1mx3.6/24, Error ellipse: s-maj=81.2km s-min=40.9km az=90.0

NEIC 23 13:26:21.8, 1.1, 1.4N; 101.1, 99.4W; 0.2, h10km, 2km, mb4.3/19, Error ellipse: s-maj=36.2km s-min=5.2km az=130.0

ISC 23 13:26:23.0, 2.0, 1.4N; 0.3:99.5W; 0.2, h10km, n46, e0598/33, mb4.3/16, MS3.8/10, West of Galapagos Islands

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

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

SEA 23 13:47:51.9, 1.7, 45.71N; 0.0:183.1185W; 0.04, h21km, 7km, ML3.6/99, ML3.3/44(NEIC), Error ellipse: s-maj=4.4km s-min=4.1km az=104.0

ANF 23 13:47:51.9, 0.6, 45.84N; 118.58W, h22km, 6km, ML3.5/12, Error ellipse: s-maj=5.0km s-min=2.8km az=150.0

NEIC 23 13:47:51.3, 1.2, 45.75N; 0.0:183.1185W; 0.04, h14km, 6km, Error ellipse: s-maj=4.4km s-min=4.1km az=51.0

ISC 23 13:47:51.1, 4.4, 45.77N; 0.0:183.1185W; 0.02, h13km, 11km, n66, e0686/79, Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LNOR, YPT, G08A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G05D, G05D, C09A, etc.

IDC 23 13:50:06.8, 1.9, 15.20S; 67.35E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/37, mbtmp3.7/7, MS3.9/11, Ms1 3.9/13, ms1mx3.5/38, Error ellipse: s-maj=71.4km s-min=26.8km az=47.0

GGMT 23 13:52:26.0, 0.4, 15.37S; 0.0:65.6717E; 0.04, h20km, 1km, MW4.9/70, Moment Tensor Solution. s15; s15; s70; c88; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-3.95; 22; Mw1.59; 16; Mw0.23; 18; Mw0.77; 47; Mw0.23; 11; Mw0.01; 45; Best double couple: Ms3.24000; 1016 NP1: 189.00000; 844.00000; -1.01.00000. NP2: 62.4.00000; 847.00000; -1.80.00000. Principal axes: T 2.390, Plg2.0000; Azm1.07.0000; N 1.6250, Plg8.0000; Az2.197.0000; P -0.0550, Plg8.0000; Azm2.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location

ISC 23 13:50:08.3, 1.9, 15.25S; 0.4:67.3E; 0.4, h10km, n25, e076/9, mb3.8/7, MS3.9/13, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S1, H0S2, H0S3, etc.

23d 14h

comp=Z,52nm,19.9s,baz=225,slow=36
YKA Yellowknife Arr 132.78 1 PKP PKPdf 14 18 22.9 -0.4
0.1nm,0.4s,baz=345,slow=2.2,SNR=1.7
PDAR Pinedale Array 152.44 355 PKPbc PKPbc 14 19 04.5 -0.9
0.4nm,0.8s,baz=122,slow=2.3,SNR=3.8

NOU 23 14:09:54.7, 16:92S:169:22E, h228km, MLV4.5, Vanuatu Islands
NEIC 23 14:09:59.6: 1.2, 17:6S:0:2:165:9E:0:2, h14km, 7km, mb4.6/5, Error ellipse: s-maj=32.5km s-min=10.4km az=140.0
IDC 23 14:10:07.1: 8.4, 17:72S:164:70E, h0km, mb4.1/4, mb1.4/2.4, mb1mx3.7/29, mbtmp4.1/4, ML2.8/1, MS4.2/1, Ms1.4/2.1, ms1mx2.9/32, Error ellipse: s-maj=161.2km s-min=29.6km az=46.0
ISC 23 14:09:55.8: 0.9, 17:77S:0:05:166:37E:0:08, h10km, n18, o#83/17, mb4.5/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include DVP Devils Point, SANVU Sarauoutou, SANVU Sarauoutou, MARNC Mare, Loyalty, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, PINNC Pines Island, RAO Raoul Island, STKA Stephens Creek, STKA Stephens Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, BBOW Buckleboo, FORT Forrest, FORT Forrest, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

JMA 23 14:11:14.7: 0.1, 24:27N:121:83E, h69km, 1km, M2.8
TAP 23 14:11:15.2: 24:30N:121:83E, h66km, ML3.3, B
ISC 23 14:11:15.8: 1.2, 24:28N:0:02:121:89E:0:02, h61km, 5km, n108, o#62/21, 1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ENAH Nanao, ENAH Nanao, ENA Nanao, ENA Nanao, NACB Ninganchiao, NACB Ninganchiao, TWC Suao, TWC Suao, TWD Chiewan, TWD Chiewan, ETLH Xiulin Townshi, ETLH Xiulin Townshi, HWA Hwalien, HWA Hwalien, ENTT Nioudou, ENTT Nioudou, NDT Datong Townshi, NDT Datong Townshi, TWE Neicheng, TWE Neicheng, NNSB Datong, NNSB Datong, NNSH Datong, NNSH Datong, NNS Nan Shan, NNS Nan Shan, ILA Ilan, ILA Ilan, EGS EGS, EGS EGS, NTC Toucheng, NTC Toucheng, WHF Hehuan Shan, WHF Hehuan Shan, FUSS Fushou, FUSS Fushou, NWLT Wulai, NWLT Wulai, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, ESL Shilin, ESL Shilin, TWT Tachien, TWT Tachien, TDCB Tech, TDCB Tech, CHGB Renai, CHGB Renai, TIPB Shuangxi, TIPB Shuangxi.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TWB1 Santiao Chiao, TWB1 Santiao Chiao, EGFH Guangfu, EGFH Guangfu, TWA Mucha, TWA Mucha, NNDH Kindian Distri, NNDH Kindian Distri, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, WHP Taichung City, WHP Taichung City, TNOU National Taiwa, TNOU National Taiwa, LIOB Emei, LIOB Emei, NSTT Nanjuang, NSTT Nanjuang, WPL Puli Township, WPL Puli Township, HGSD Ruisui, HGSD Ruisui, NTY Taoyuan, NTY Taoyuan, YM01 YM01, YM01 YM01, DPDB Guoxing, DPDB Guoxing, YM10 YM10, YM10 YM10, TWS1 Kuangyinshan, TWS1 Kuangyinshan, YM04 YM04, YM04 YM04, YM11 YM11, YM11 YM11, YM05 YM05, YM05 YM05, EHY Hungye, EHY Hungye, HSN Hsinchu, HSN Hsinchu, NCU National Center, NCU National Center, NCUH Zhongli, NCUH Zhongli, YM08 YM08, YM08 YM08, YM03 YM03, YM03 YM03, ANP Anpu, ANP Anpu, NTST Denshui, NTST Denshui, SBCB Hsinchu, SBCB Hsinchu, JYNG Yonagunijimaku, JYNG Yonagunijimaku, HSN Hsinchu, HSN Hsinchu, SSLB Suanglung, SSLB Suanglung, SMLT Sun Moon Lake, SMLT Sun Moon Lake, TYC Yuchr, TYC Yuchr, TWQ1 Lyutan, TWQ1 Lyutan, TWY Chenhua, TWY Chenhua, NMLH Miaoli, NMLH Miaoli, NSY Sanyi, NSY Sanyi, YULB Yu-li, YULB Yu-li, YOJ Yonaguni jima, YOJ Yonaguni jima, EYUL Yul, EYUL Yul, TWF1 Yul, TWF1 Yul, WHYT Xinyi Township, WHYT Xinyi Township, WWF Wufeng, WWF Wufeng.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TCU Taichung, TCU Taichung, WDJ Dajia District, WDJ Dajia District, WJWS Zhushan, WJWS Zhushan, WNT1 Nantun City, WNT1 Nantun City, WNT Mingjing, WNT Mingjing, WNT Full, WNT Full, WCHH Zhanghua, WCHH Zhanghua, ALS Alishan, ALS Alishan, CHKT Chengkung, CHKT Chengkung, CHN5 Tsauling, CHN5 Tsauling, ELDTW Lidau, ELDTW Lidau, WGG Gukung, WGG Gukung, PCYT Pengchayiu, PCYT Pengchayiu, WDLH Douliu, WDLH Douliu, EDH Donghe, EDH Donghe, CHN2 Minshiang, CHN2 Minshiang, WTK Tuku, WTK Tuku, CHN4 Tsaushan, CHN4 Tsaushan, TPUB Ta-pu, TPUB Ta-pu, STYT Tauyuan, STYT Tauyuan, LONT Longtian, LONT Longtian, CHY Chiyang, CHY Chiyang, WTP Ta-pu, WTP Ta-pu, TWK Hsinying, TWK Hsinying, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, TWG Pinlang, LDUD Ludao, LDUD Ludao, CHN1 Nanshi, CHN1 Nanshi, IRIF Iriomote-Funau, IRIF Iriomote-Funau, SGST Jiashian, SGST Jiashian, ICHU Yijhu, ICHU Yijhu, HATJ Hateruma jima, HATJ Hateruma jima, JKRS Kuro-shima, JKRS Kuro-shima, JIJ Ishigaki jima, JIJ Ishigaki jima, JISG Ishigakijimahi, JISG Ishigakijimahi, JTJ Tarama, JTJ Tarama, JIRB Hrabujima, JIRB Hrabujima.

VAO 23 14:12:20.4: 0.6, 18:04S:69:52W, h54km, 5km, mb5.3
MOS 23 14:12:26.6: 1.2, 17:98S:69:29W, h13km, mb5.0/9, Error ellipse: s-maj=12.8km s-min=9.2km az=107.3
NEIC 23 14:12:26.3: 1.7, 17:99S:0:06:69:41W:0:09, h110km, 5km, mb5.2/56, Mw4.8, ML5.0(GUC), Error ellipse: s-maj=12.8km s-min=9.6km az=79.0
NEIC 23 14:12:27.18: 05S:69:48W, h120km, Moment Tensor Solution: Moment tensor: Scale 10^16Nm; Mr:0.14; Mw=0.83; Ms=0.69; Mb=1.07; M0=0.22; Ms=1.28; Fault plane solution: M1:850000*10^16 NP1:3225.000000*, delta25.000000*, lambda3.000000*. NP2:133.000000*, delta89.000000*, lambda115.000000*. Principal axes: T 1.9941, Plg41.000000*, Azm66.000000*, N -0.3219, Plg25.000000*, Azm312.000000*, P -1.6721, Plg39.000000*, Azm200.000000*
GUC 23 14:12:29.3: 0.8, 18:14S:69:49W, h118km, 5km, ML5.0
IDC 23 14:12:29.0: 0.3, 18:01S:69:25W, h128km, 2km, mb4.5/23, mb1.4/6.27, mb1mx4.5/38, mbtmp5.0/27, MS3.5/7, Ms1.3/5.7, ms1mx3.2/27, Error ellipse: s-maj=10.5km s-min=8.7km az=94.0
GCMT 23 14:12:31.3: 0.4, 18:06S:0:03:69:60W:0:03, h146km, 5km, Mw5.074, Moment Tensor Solution. s13,c14: s74,c89; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.48±.20; Mw=0.04±.22; Ms=0.51±.26; Mb=1.67±.11; M0=0.15±.32; Mw=2.8±.16; Best double couple: M3:37800*10^16 NP1:184.000000*, delta5.000000*, lambda-57.000000*. NP2:330.000000*, delta6.000000*, lambda-93.000000*. Principal axes: T 3.3940, Plg41.000000*, Azm63.000000*, N -0.0310,

Plg3.0000", Azm330.0000"; P -3.3620, Plg49.0000", Azm237.0000"; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 23 14:12:27.3-0.3, 18.085-0.04; 69.38W, 0.05; h120km, 3km, h120km; p-P, N446, e1820/456, mb5.0/57, 9C-13BD, Fault plane solution: N110; 242.75240, 822.38800, 73.78548. NP2; 149.25151, 888.55910, 112.34396. Principal axes: T Plg42.1899", Azm80.5247"; N Plg22.3365", Azm328.6593"; P Plg39.4963"; Azm218.8644"; Northern Chile

Code	Station Name	Δ	2σ	Op	Phase	ID	Time	Res
							h m s	ISC
PB16	IPOC Station P	0.28	2051	eP	ISC		14 12 46.3	+1.3
PB16				iS	Sn		14 12 59.9	+1.7
PB16					IAML		14 13 01.5	
comp=N 41μm, 0.8s								
AP01	IPOC Station P	0.26	205	eP	Pn		14 12 45.4	+0.4
AP01	Chacalluta	0.96	252	iP	Pn		14 12 48.9	0.0
AP01				eS	Sn		14 13 04.7	-0.6
AP01					IAML		14 13 06.4	
comp=E 60μm, 0.5s								
AP01	Chacalluta	0.96	252	eP	Pn		14 12 48.6	-0.4
MMNC	Minye Minye	1.07	191	eP	Pn		14 12 51.3	+0.9
MMNC				iS	Sn		14 13 08.6	+0.8
MMNC					IAML		14 13 12.6	
comp=E 43μm, 0.4s								
MMNC	Minye Minye	1.07	191	eP	Pn		14 12 50.2	-0.2
MMNC				iS	Sn		14 13 09.0	+1.2
PSGC	Pisagua	1.67	2051	eP	Pn		14 12 56.4	-0.4
PSGC				iS	Sn		14 13 17.5	-1.9
PSGC					IAML		14 13 19.2	
comp=N 24μm, 0.4s								
PSGC	Pisagua	1.67	205	eP	Pn		14 12 56.1	-0.7
PSGC				iS	Sn		14 13 18.5	-0.9
PB08	IPOC Station P	2.06	174	eP	Pn		14 13 03.3	+1.3
PB08				iS	Sn		14 13 29.2	+0.7
PB08					IAML		14 13 31.3	
comp=E 5μm, 0.6s								
PB08	IPOC Station P	2.06	174	eP	Pn		14 13 03.2	+1.2
PB08				iS	Sn		14 13 30.4	+1.9
HMBC	Humberstone	2.24	1921	eP	Pn		14 13 03.5	-0.4
HMBC				iS	Sn		14 13 02.6	-1.6
HMBC					IAML		14 13 08.7	
comp=N 9μm, 0.5s								
TA02	Huaiquique	2.29	198	eP	Pn		14 13 04.6	+0.1
TA02				iS	Sn		14 13 30.4	-2.6
TA01	Diego Aracena	2.59	197	eP	Pn		14 13 07.9	-1.0
TA01				iS	Sn		14 13 36.2	-3.5
TA01	Diego Aracena	2.59	197	eP	Pn		14 13 07.3	-1.0
PATCX	Punta Patache	2.62	195	eP	Pn		14 13 10.5	-0.9
PATCX				eS	Sn		14 13 39.1	-6.2
PATCX					IAML		14 14 02.1	
comp=E 3μm, 0.7s								
PATCX	Punta Patache	2.62	195	eP	Pn		14 13 11.0	-0.5
PB02	IPOC Station P	3.26	188	eP	Pn		14 13 16.7	-0.5
PB02				iS	Sn		14 13 52.4	-3.3
PB07	IPOC Station P	3.66	187	eP	Pn		14 13 22.2	-0.3
PB07				iS	Sn		14 13 02.6	-2.6
PB07	IPOC Station P	3.66	187	eP	Pn		14 13 21.7	-0.8
PB09	IPOC Station P	3.70	178	eP	Pn		14 13 23.5	+0.4
PB09				iS	Sn		14 14 36.4	
comp=E 3μm, 0.8s								
PB09	IPOC Station P	3.70	178	eP	Pn		14 13 23.3	+0.2
PB04	IPOC Station P	4.29	190	eP	Pn		14 13 30.0	-1.0
LVC	Limon Verde	4.53	174	eP	Pn		14 13 35.4	+1.0
comp=E 158nm, 0.3s, baz=353, slow=11, SNR=1290								
LVC					LR		14 14 24.1	-2.2
comp=E 138nm, 0.3s, baz=324, slow=17, SNR=11								
LVC					LR		14 15 53.7	
comp=E 382nm, 18.9s, baz=336, slow=45								
LVC	Limon Verde	4.53	174	eP	Pn		14 13 35.1	+0.8
PB06	IPOC Station P	4.61	182	eP	Pn		14 13 34.3	-0.9
PB15	IPOC Station P	5.14	164	eP	Pn		14 13 47.9	-1.0
PB10	IPOC Station P	5.52	191	eP	Pn		14 13 44.6	-2.7
PB14	IPOC Station P	6.58	188	eP	Pn		14 13 59.0	-3.0
GO02	Mina Guanaco	7.05	182	eP	Pn		14 14 06.0	-2.3
AC01	Pan de Azucar	8.11	188	eP	Pn		14 14 18.2	-4.1
SIV	San Ignacio	8.22	77	eP	Pn		14 14 23.0	-3.8
comp=E 59nm, 0.3s, baz=283, slow=14, SNR=178								
SIV					LR		14 15 52.1	-0.0
comp=E 6.5nm, 0.3s, baz=358, slow=23, SNR=7.3								
SIV					LR		14 17 51.1	
comp=E 456nm, 19.0s, baz=268, slow=40								
AC02	Maricunga	8.72	179	eP	Pn		14 14 29.0	-2.0
NNA	Nana	9.41	309	eP	Pn		14 14 38.4	-1.6
comp=E 13nm, 0.3s, baz=138, slow=12, SNR=9.6								
NNA					Sn		14 16 20.5	-3.5
NNA					LR		14 19 16.1	
comp=E 152nm, 18.7s, baz=132, slow=43								
NNA	Nana	9.41	309	eP	Pn		14 14 38.1	-1.9
NNA					pmx			
comp=Z 67nm, 1.0s								
NNA	Nana	9.41	309	eP	Pn		14 14 38.0	-1.9
NTLB	Pontes e Lacer	10.16	77	eP	Pn		14 14 45.0	-5.0
VILB	Vilhena	10.21	61	eP	Pn		14 14 46.2	-4.6
AC05	El Transito	10.74	184	eP	Pn		14 14 53.2	-4.3
CZSB	Cruzeiro do Su	10.78	340	eP	Pn		14 15 00.9	-7.6
SAML	Samuel	10.89	34	eP	Pn		14 14 58.1	-1.8
SAML	Samuel	10.89	34	eP	Pn		14 14 58.1	-1.8
SAML	Samuel	10.89	34	eP	Pn		14 14 58.1	-1.8
LCO	Las Campanas	10.95	186	eP	Pn		14 14 55.5	-5.4
LCO	Las Campanas	10.95	186	eP	Pn		14 14 55.5	-5.4
CO01	Juntas del Tor	11.86	183	eP	Pn		14 15 09.1	-3.9
GO04	Tololo Observa	12.11	186	eP	Pn		14 15 11.4	-4.8
AQDB	Aquidauana	13.14	103	eP	Pn		14 15 24.4	-5.1
PP1B	Ponte de Pedra	13.82	90	eP	Pn		14 15 35.9	-2.4
CPUP	Villa Florida	13.88	128	eP	Pn		14 15 37.2	-1.3
comp=Z 0.9nm, 0.3s, baz=299, slow=12, SNR=20								
CPUP					LR		14 22 10.3	
comp=Z 43nm, 18.9s, baz=298, slow=42								
VA03	San Esteban	14.66	184	eP	Pn		14 15 49.5	+0.5
CLDB	Colider	14.97	63	eP	Pn		14 15 50.6	-2.4
ITCB	Terra Rica	16.38	109	eP	Pn		14 16 09.0	+1.5
ITQB	Itaquí	16.39	137	eP	Pn		14 16 07.2	-3.2
BO02	Sierra Bellavi	16.70	184	eP	Pn		14 16 13.6	-0.5
BO02					IAMB		14 16 18.3	
comp=Z 83nm, 0.9s								
ARAG	Araguaias, MT	16.98	85	eP	Pn		14 16 16.4	-1.3
MACA	Manacapuru-AM	17.10	31	eP	Pn		14 16 17.9	-1.3
PCMB	Pacaembu	17.41	105	eP	Pn		14 16 20.7	-1.6
PTGB	Pitanga	17.42	115	eP	Pn		14 16 22.8	+0.3
NPGB	Novo Progresso	17.52	53	eP	Pn		14 16 22.8	-0.8
H03N1	Juan Fernandez	17.53	207	T	T		14 34 10.6	
comp=Z 29, slow=73, SNR=34								
H03N2	Juan Fernandez	17.53	207	T	T		14 33 53.4	
comp=Z 29, slow=73, SNR=19								
H03N3	Juan Fernandez	17.54	207	T	T		14 33 52.9	
comp=Z 29, slow=73, SNR=16								
ITRB	Iturama	18.07	98	eP	Pn		14 16 29.2	-0.6
ITAB	Concordia	18.33	123	eP	Pn		14 16 32.6	+0.2
SNDB	Serra Nova Dou	18.49	73	eP	Pn		14 16 34.1	-0.1
BI02	San Fabín de	18.59	185	eP	Pn		14 16 37.1	+0.2
CPSE	Cacapava Do Su	19.00	133	eP	Pn		14 16 39.0	+0.5
ITTB	Itaituba	19.08	46	eP	Pn		14 16 40.0	-0.7
FRTB	Fartura	19.26	109	eP	Pn		14 16 42.5	-0.1
PTGA	Pitinga	19.57	29	eP	Pn		14 16 45.1	-0.8
comp=Z 20nm, 0.3s, baz=209, slow=12, SNR=90								
PTGA					S		14 20 19.5	-1.0
comp=Z 0.5nm, 0.3s, baz=324, slow=19, SNR=3								
PTGA					LR		14 25 17.9	
comp=Z 125nm, 20.9s, baz=194, slow=40								
PTGA	Pitinga	19.57	29	eP	Pn		14 16 45.3	-0.7
PTGA					IAMB		14 16 50.1	
comp=Z 73nm, 0.8s								
PLTB	Pedras Altas	19.73	137	eP	Pn		14 16 47.0	-0.5
PB19B	Bebedouro	19.87	102	eP	Pn		14 16 48.7	-0.6
IPMB	Ipameri, GO	20.13	93	eP	Pn		14 16 50.9	-1.3
OTAV	Otavaio	20.27	333	eP	Pn		14 16 57.0	-0.5
OTAV	Otavaio	20.27	333	eP	Pn		14 16 51.1	-2.9
CNLB	Canela	20.29	127	eP	Pn		14 16 52.6	-1.2
BDFB	Brasilia	20.59	86	eP	Pn		14 16 57.0	-0.2
comp=Z 88nm, 0.6s, baz=256, slow=11, SNR=42								
BDFB	Brasilia	20.59	86	eP	Pn		14 16 57.0	-0.2
BDFB	Brasilia	20.59	86	eP	Pn		14 16 57.0	-0.2
BDFB					IAMB		14 17 00.5	
comp=Z 93nm, 0.6s								
LC01	Cunco	20.86	185	eP	Pn		14 16 59.9	+0.2
GARZ	Garzon, Huila	21.02	343	eP	Pn		14 17 03.8	-2.9
PEXB	Peixe	21.19	77	eP	Pn		14 17 02.6	-0.9

PCON	Cinco Dias	21.42	340	eP	P		14 17 08.7	+2.2
PET01	Itanhem-SP	21.51	110	eP	P		14 17 06.5	-0.3
VAO	Valhinhos	21.55	107	eP	P		14 17 06.0	-1.3
MALB	Monte Alegre	21.91	44	eP	P		14 17 09.7	-1.4
PRPB	Parauapebas	22.46	61	eP	P		14 17 15.3	-1.5
PLCA	Paso Flores	22.60	182	eP	P		14 17 18.6	+0.7
comp=Z 41nm, 1.0s, baz=2.5, slow=11, SNR=50								
PLCA	Paso Flores	22.60	182	eP	P		14 17 18.7	+0.7
PLCA					pmx			
comp=Z 68nm, 1.1s								
PLCA	Paso Flores	22.60	182	eP	P		14 17 18.7	+0.7
PLCA	Paso Flores	22.60						

23d 14h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G54A Lake Saint Pet, F59A Saint Guillaume, LMN Caledonia Moun, etc.

2025 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PNCL Nicolau / Gran, MESJ Messejana, PCVE Castro Verde, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MDOK Medeo, MAKZ Makanchi, KPKS Kokeko, etc.

mb1 3.3/4, mb1mx3.1/28, mbtmp3.9/4, Error ellipse: s-maj=35.4km s-min=21.1km az=120.0, WEL 23 16:01:17.0, 37.5, S1.5+17.7E, h1435km, 8km, M3.5/8.4, MLV3.5/8.4, Error ellipse: s-maj=0.0km s-min=0.0km az=178.7

ISC 23 16:01:17.0, 1.0, 37.41S, 0.07x176.45E, 0.08, h341km, 7km, n169, r131/176, North Island

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

Table with columns: OKCZ, Okains Bay, 6.81 201, P, Pn, 16 02 57.9 +1.2. Lists seismic events with station codes and magnitudes.

IDC 23 16:01:34.9, 4.2, 7.17S, 146.69E, h116km, 86km, mb3.0/3, mb1 3.2/5, mb1mx3.0/26, mbtmp3.4/5, ML3.0/1, Error ellipse: s-maj=125.4km s-min=38.7km az=102.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time Res, ISC. Lists seismic stations for the Eastern New Guinea region.

IDC 23 16:15:19.5, 8.1, 26.15S, 28.49E, h0km, mb1 2.5/1, mb1mx2.5/49, mbtmp2.6/1, ML2.4/1, Error ellipse: s-maj=81.3km s-min=54.3km az=139.0, South Africa

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time Res, ISC. Lists seismic stations for South Africa.

IDC 23 16:19:08.3, 4.8, 39.14N, 110.19E, h0km, mb3.6/2, mb1 3.3/3, mb1mx3.3/56, mbtmp3.6/3, ML2.5/1, Error ellipse: s-maj=99.5km s-min=22.8km az=86.0, Western Nei Mongol

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Western Nei Mongol.

IDC 23 16:25:07.0, 5.7, 39.09N, 110.45E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.0/55, mbtmp3.2/3, ML2.5/1, Error ellipse: s-maj=117.9km s-min=25.6km az=85.0, Western Nei Mongol

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Western Nei Mongol.

IDC 23 16:25:52.0, 3.1, 4.44S, 133.52E, h0km, mb3.2/1, mb1 3.8/5, mb1mx3.5/27, mbtmp3.6/5, ML3.6/4, Error ellipse: s-maj=117.7km s-min=25.6km az=78.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Irian Jaya region.

DNK 23 16:31:05.6, 2.9, 51.39N, 15.37E, h0km, 161km, ML2.1, IPEP 23 16:31:07.0, 0.3, 51.59N, 16.24E, h0km, 1km, ML2.4/3, Error ellipse: s-maj=3.5km s-min=1.8km az=60.0, PRU 23 16:31:09.0, 0.0, 51.51N, 16.11E, h0km, VIE 23 16:31:10.8, 1.0, 51.33N, 15.91E, h0km, mb2.4/3, ML1.7/6, Error ellipse: s-maj=8.0km s-min=7.4km az=44.0 81 km, WWV of Wroclaw Suspected Mining induced, ISC 23 16:31:07.0, 0.9, 51.56N, 0.03, 16.14E, 0.02, h0km, n32, r096/68, Poland

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Poland and other regions.

Table with columns: PVCC, Panska Ves, 1.43 225, ePG, Pb, 16 31 34.8 +0.3. Lists seismic events with station codes and magnitudes.

TREC 23 16:31:05.6, 2.30 191, ePN, Pn, 16 31 46.8 +0.6. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.32 217, ePG, Pn, 16 31 49.0 +0.6. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.50 176, ePN, Pn, 16 31 49.5 +0.5. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.50 176, ePN, Pn, 16 31 49.5 +0.5. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

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TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

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TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

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TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

TRest 23 16:31:05.6, 2.68 119, ePN, Pn, 16 31 50.4 +1.0. Lists seismic events with station codes and magnitudes.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TDCB Tech, CHGB, HGS, etc.

IDD 23 16:38:38.5, 3.0, 32.18Sx179.12W, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.5/20, mbtmp3.5/3, ML4.1/1, Error ellipse: s-maj=72.4km s-min=45.7km az=111.0

WEL 23 16:38:54.3, 1.3, 33.3Sx21.18W, h174km, 46km, M3.9/15, mb4.5/8, ML4.4/15, MLV4.2/15, Mw(mb)3.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=122.1

ISC 23 16:38:49.2, 2.0, 32.42Sx0.10x179.7E, 0.2, h35km, n40, z=201/53, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, HAZ, etc.

FINES FINESS Array B 146.32 337 PKPbc PKPdf 16 58 20.1 -4.1 2.0nm, 0.9s, baz=21, slow=1.3, SNR=5.4

NEIC 23 17:03:48.4, 2.4, 20.6S; 0.1x178.4W; 0.1, h539km, 8km, mb4.5/47, Error ellipse: s-maj=20.2km s-min=15.3km az=115.0

IDC 23 17:03:51.2, 3.5, 20.60S; 178.48W, h570km, 39km, mb3.2/14, mb1 3.4/15, mb1mx3.9/34, mbtmp4.1/15, Error ellipse: s-maj=21.4km s-min=17.1km az=130.0

ISC 23 17:03:49.0, 0.5, 20.26S; 0.09x178.35W; 0.09, h550km, n96, c153/95, mb4.2/36, 4C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI, DZM, OUZ, etc.

MKAR Makanchi Array 111.04 313 PKIKP PKIKP 17 21 19.2 -0.8 comp=2.0, 2nm, 0.4s, baz=109, slow=0.6, SNR=6.3

ARCES ARCESS Array B 128.98 349 PKP PKPdf 17 21 52.8 -0.9 comp=2.1, 7nm, 0.8s, baz=340, slow=1.7, SNR=8.9

FINES FINESS Array B 135.79 343 PKP PKPdf 17 22 05.8 -1.0 comp=2.0, 7nm, 0.6s, baz=102, slow=2.0, SNR=5.1

KVAR Kislovodsk Arr 138.79 314 PKIKP PKPdf 17 22 09.8 -3.2 comp=2.2, 5nm, 0.8s, baz=274, slow=1.7, SNR=1.7

HFS Haglors 139.60 351 PKIKP PKPpre 17 22 05.0 comp=2.1, 1nm, 0.4s, baz=45, slow=6.7, SNR=9.1

AKASG Malin Array B 142.96 331 PKIKP PKPdf 17 22 16.8 -3.3 comp=2.5, 9nm, 0.4s, baz=45, slow=4.3, SNR=4.8

EKA Eskdalemuir Arr 145.15 5 PKPbc PKPdf 17 22 23.2 -0.5 comp=2.2, 5nm, 0.7s, baz=342, slow=4.4, SNR=2.5

BRTR Keskin Array B 146.67 312 PKPbc PKPbc 17 22 29.1 -0.6 comp=2.1, 4nm, 0.7s, baz=135, slow=5.6, SNR=7.9

MMAI Mount Aeron Arr 147.59 299 PKPbc PKPbc 17 22 32.7 +0.5 comp=2.1, 7nm, 0.4s, baz=76, slow=7.0, SNR=12

OSTAS 147.98 342i ePKP 17 22 33.3 +0.7

CLL Collin 148.10 346 PKPbc 17 22 32.4 -0.4

DPC Dobruska-Polom 148.14 342i ePKP PKPbc 17 22 33.2 +0.2

KRLC Kraikly 148.25 341i ePKP PKPbc 17 22 33.3 -0.0

EIL Elat 148.62 299 PKPbc PKPbc 17 22 34.4 -0.4 comp=2.2, 3nm, 0.7s, baz=60, slow=8.1, SNR=2.5

KHC Kasperske Hory 149.99 344i ePKP PKPbc 17 22 37.6 +0.1

KHC 150.00 344i ePKPb PKPab 17 22 45.8 +0.2

GERES GERESS Array B 150.22 344 PKPbc PKPbc 17 22 38.2 -0.0 comp=2.0, 9nm, 0.5s, baz=29, slow=3.0, SNR=8.2

MEX 23 17:06:09.8, 0.5, 14.62N; 92.11W, h96km, 4km, MD4.2

GCG 23 17:06:11.4, 0.5, 14.86N; 92.18W, h18km, 4km, MD4.0

ISC 23 17:06:12.1, 1.5, 14.74N; 0.08x92.26W; 0.05, h79km, 11km, n10, c087/19, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like THG, THIG, THIC, etc.

IDC 23 17:10:57.6, 1.3, 25.99N; 127.84E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.3/50, mbtmp3.7/4, ML2.9/1, Error ellipse: s-maj=43.2km s-min=19.4km az=99.0

JMA 23 17:11:01.7, 1.0, 25.99N; 128.13E, h42km, 2km, M3.1

ISC 23 17:11:01.1, 1.2, 25.95N; 0.05x128.20E; 0.04, h31km, 9km, n16, c197/26, mb3.7/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JTT3, JNT3, JOW, etc.

MKAR Makanchi Array 417.0 312 P 17 18 45.7 -1.4 comp=2.0, 3nm, 0.7s, baz=96, slow=1.1, SNR=4.4

WRA Warramunga Arr 46.00 172 P 17 19 23.4 +1.6 comp=1.0, 0.8s, baz=353, slow=8.3, SNR=2.6

ASAR Alice Springs 493.16 373 P 17 19 51.6 +1.6 1.4nm, 1.2s, baz=350, slow=7.1, SNR=5.6

STR 23 17:13:00.1, 1.7, 44.16N; 151.11E, h0km, MLV3.6/10, smi:scs/0.6/LOCASAT earthModelID

smi:scs/0.6/alpes_taup-2.1 preliminary

MOS 23 17:13:01.5, 1.0, 44.30N; 151.11E, h10km, mb4.2/9, Error ellipse: s-maj=6.6km s-min=4.4km az=56.7

ROM 23 17:13:02.0, 0.1, 44.13N; 0.006; 11.126E; 0.006, h9km, ML3.5/54, Error ellipse: s-maj=0.7km s-min=0.3km az=18.0

PRU 23 17:13:02.3, 0.0, 44.16N; 11.26E, h0km

GEN 23 17:13:02.4, 1.3N; 11.12E, h8km, 5km, ML3.3

IASPEI 23 17:13:02.5, 0.9, 44.13N; 0.02; 11.14E; 0.02, h9km, 6km, mb3.8/13, s-maj=3.5km s-min=2.6km

az=24.1, GTS selection from ISC bulletin GTS identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <>Seism. Res. Let., <> >80<>, 465-472, 2009

IDC 23 17:13:02.0, 1.4, 44.27N; 11.11E, h0km, mb3.8/8, mb1 3.8/12, mb1mx3.6/47, mbtmp3.7/12, ML3.5/3, MS2.4/3, Ms1 2.4/3, ms1mx2.3/50, Error ellipse: s-maj=23.5km s-min=13.7km az=125.0

LDG 23 17:13:03.4, 0.1, 44.06N; 11.19E, h10km, ML3.4/21, Error ellipse: s-maj=2.9km s-min=1.8km az=32.0

ISC 23 17:13:02.0, 0.7, 44.14N; 0.02; 11.13E; 0.01, h9km, 4km, n278, c197/343, mb3.8/13, 31C-8D, Northern Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FNVD, FNVF, FNVG, etc.

LPG	La Plagne	3.40 295	P	Pn	17 13 58.4 +2.3
LPL	La Plagne	3.42 295	ePn	Pn	17 13 57.2 +0.9
LPL	La Plagne	3.42 295	eS	Pn	17 13 59.4 -0.0
LPL	La Plagne	3.42 295	ePn	Pn	17 14 36.2 -0.8
OZLJ	Ozalj	3.42 63	ePn	Pn	17 13 54.8 -1.3
OZLJ	Ozalj	3.42 63	eS	Pn	17 14 33.2 -3.5
LMR	La Mourre	3.44 258	ePn	Pn	17 13 55.8 -0.6
LMR	La Mourre	3.44 258	eP	Pn	17 13 58.5 +2.1
LMR	La Mourre	3.44 258	eS	Pn	17 14 34.8 -2.4
CRES	Cresnjevič	3.51 60	ePn	Pn	17 13 55.9 -1.4
RSL	Roselend	3.55 47	ePn	Pn	17 14 01.3 +3.2
SOKA	Sothob	3.75 296	ePn	Pn	17 14 00.1 -0.6
SOKA	Sothob	3.75 296	iS	Pn	17 14 44.6 -0.3
KIUV	Kijevo	3.81 90	ePn	Pn	17 14 01.4 -0.1
ORIF	Oris-en-Rattie	3.83 284	P	Pn	17 14 03.6 +1.7
ORIF	Oris-en-Rattie	3.83 284	eP	Pn	17 14 05.2 +3.3
ORIF	Oris-en-Rattie	3.83 284	eS	Pn	17 14 44.8 -2.2
ASEAF	Site Antares	3.85 251	P	Pn	17 14 02.0 +0.2
PTJ	Puntijarka	3.86 61	ePn	Pn	17 14 00.9 -1.4
PTJ	Puntijarka	3.86 61	S	Pn	17 14 44.3 -3.5
BSTF	la Bastide-des	3.96 268	P	Pn	17 14 04.0 +0.4
HVAR	Hvar	3.98 102	ePn	Pn	17 14 04.5 +0.7
HVAR	Hvar	3.98 102	eS	Pn	17 14 49.7 -0.8
SMRF	Simiane la Rot	4.00 270	ePn	Pn	17 14 07.0 +0.1
SMRF	Simiane la Rot	4.00 270	eP	Pn	17 14 07.4 +3.2
SMRF	Simiane la Rot	4.00 270	eS	Pn	17 14 49.4 -1.8
RUSP	Rustrel	4.07 269	P	Pn	17 14 05.7 +0.6
OGSH	Saint Maurice	4.13 293	P	Pn	17 14 44.9 +1.8
MGRS	Mirionjic Grad	4.29 84	ePn	Pn	17 14 08.7 +0.5
MOA	Molin	4.31 29	ePn	Pn	17 14 08.7 +0.3
MOA	Molin	4.31 29	eS	Pn	17 14 59.7 +1.0
CABF	La Chapelle	4.33 307	ePn	Pn	17 14 10.0 +1.4
CABF	La Chapelle	4.33 307	P	Pn	17 14 12.1 +3.5
MAKA	Makarska	4.36 99	ePn	Pn	17 14 09.6 +0.6
MAKA	Makarska	4.36 99	S	Pn	17 14 58.5 -1.4
ARSA	Arzlu	4.38 43	iPn	Pn	17 14 08.5 -0.8
BLY	Barz Luka	4.38 80	ePn	Pn	17 14 08.4 -0.9
RICI	Ricice	4.42 96	ePn	Pn	17 14 10.5 +1.0
RICI	Ricice	4.42 96	S	Pn	17 14 59.1 -1.7
KMZ	Charmoille	4.42 316	P	Pn	17 14 10.4 +0.6
KMZ	Kirchzarten	4.42 331	P	Pn	17 14 10.1 +0.1
MOF	Molkenrain	4.46 35	P	Pn	17 14 13.4 +0.4
VTF	Saint-Julien-I	4.67 281	ePn	Pn	17 14 12.3 -1.0
VVF	Saint-Julien-I	4.67 281	eP	Pn	17 14 16.8 +3.5
VVF	Saint-Julien-I	4.67 281	eS	Pn	17 15 05.4 -2.3
VVF	Saint-Julien-I	4.67 281	P	Pn	17 14 12.9 -0.4
HINF	Hinterfeld	4.73 323	ePn	Pn	17 14 14.1 -0.1
HINF	Hinterfeld	4.73 323	eP	Pn	17 14 17.7 +3.5
HINF	Hinterfeld	4.73 323	eS	Pn	17 15 07.3 -1.9
HINF	Hinterfeld	4.73 323	P	Pn	17 14 13.9 -0.3
HINF	Hinterfeld	4.73 323	S	Pn	17 15 06.1 -3.1
OPP	Oppenau	4.81 336	P	Pn	17 14 15.2 -0.1
SSB	Saint Sauveur	4.82 286	Pn	Pn	17 14 17.3 +1.8
ECH	Echery	4.92 327	P	Pn	17 14 16.8 0.0
STON	Ston	4.95 103	ePn	Pn	17 14 16.7 -0.4
STON	Ston	4.95 103	S	Pn	17 15 12.8 -1.5
STON	Ston	4.95 103	ePn	Pn	17 14 17.1 0.0
CONA	Conrad Observa	5.02 39	ePn	Pn	17 14 17.0 -1.2
CONA	Conrad Observa	5.02 39	eS	Pn	17 15 16.7 +0.3
GERES	GERESS Array B	5.03 20	Pn	Pn	17 14 17.7 -0.6
GERES	GERESS Array B	5.03 20	P	Pn	17 15 15.3 -1.3
CDF	Champ du Feu	5.04 329	ePn	Pn	17 14 18.1 -0.3
CDF	Champ du Feu	5.04 329	eP	Pn	17 14 22.0 +3.6
CDF	Champ du Feu	5.04 329	eS	Pn	17 15 12.8 -0.4
HAU	Haudompre	5.10 321	ePn	Pn	17 14 19.5 +0.3
HAU	Haudompre	5.10 321	eP	Pn	17 14 22.9 +3.7
HAU	Haudompre	5.10 321	eS	Pn	17 15 16.0 -2.2
SOP	Sopron	5.19 45	ePn	Pn	17 14 19.7 -0.7
LASF	Ste Croix	5.23 272	ePn	Pn	17 14 21.1 0.0
LASF	Ste Croix	5.23 272	eP	Pn	17 14 24.7 +3.6
KHC	Kasperske Hory	5.27 18	eP	Pn	17 14 20.7 -0.9
KHC	Kasperske Hory	5.27 18	eS	Pn	17 15 20.2
KHC	Kasperske Hory	5.27 18	P	Pn	17 14 20.7 -0.9
KHC	Kasperske Hory	5.27 18	S	Pn	17 15 22.2 -2.3
DBRK	Dubrovnik	5.32 104	ePn	Pn	17 14 22.1 -0.2
DBRK	Dubrovnik	5.32 104	S	Pn	17 15 22.9 -0.7
MLPL	Magyarpolny	5.42 547	ePn	Pn	17 14 21.8 -1.8
TREB	Trebinje	5.45 103	ePn	Pn	17 14 23.6 -0.4
BRY	Bratostoj	5.53 100	ePn	Pn	17 14 23.8 +0.6
MORH	Mirny, Hungar	5.71 66	ePn	Pn	17 14 23.6 -3.9
SMF	Signal de Mont	5.71 299	ePn	Pn	17 14 28.4 +0.8
SMF	Signal de Mont	5.71 299	eS	Pn	17 14 31.5 +3.9
SMF	Signal de Mont	5.71 299	eP	Pn	17 15 30.6 -2.6
UPM	Unac-Piva	5.72 97	ePn	Pn	17 14 29.4 +1.5
PAGF	Fort de Pagny	5.79 322	ePn	Pn	17 14 29.4 +0.8
PAGF	Fort de Pagny	5.79 322	eS	Pn	17 15 30.8 -4.3
ZST	Bratislava	5.80 44	ePn	Pn	17 14 27.6 -1.3
ZST	Bratislava	5.80 44	eP	Pn	17 14 31.4 -0.4
ZST	Bratislava	5.80 44	eS	Pn	17 14 27.6 -1.3
ZST	Bratislava	5.80 44	P	Pn	17 15 31.4 -0.1
SFTF	Sextfontaines	5.87 316	ePn	Pn	17 14 30.3 +0.6
SFTF	Sextfontaines	5.87 316	eP	Pn	17 14 33.8 +4.1
LOR	Lormes	5.97 304	ePn	Pn	17 14 31.9 +0.7
LOR	Lormes	5.97 304	eP	Pn	17 14 35.7 +4.5
LOR	Lormes	5.97 304	eS	Pn	17 15 36.7 -3.0
LOR	Lormes	5.97 304	P	Pn	17 14 31.8 +0.6
BLS	Lazići	5.98 90	ePn	Pn	17 15 39.4 -0.3
MODS	Modra-Piesok	6.01 43	ePn	Pn	17 14 31.5 +0.2
MODS	Modra-Piesok	6.01 43	eP	Pn	17 14 29.9 -1.8
MODS	Modra-Piesok	6.01 43	eS	Pn	17 15 29.9 -1.8
MODS	Modra-Piesok	6.01 43	P	Pn	17 14 29.9 -1.8
MEZF	Maizieres J'vi	6.06 318	ePn	Pn	17 14 33.9 +1.5
MEZF	Maizieres J'vi	6.06 318	eS	Pn	17 15 38.9 -2.9
AVF	Avril sur Loir	6.08 299	ePn	Pn	17 14 34.3 +1.7
AVF	Avril sur Loir	6.08 299	P	Pn	17 14 33.3 +0.7
SSF	Saint Saulte	6.09 301	ePn	Pn	17 14 33.2 +0.4
SSF	Saint Saulte	6.09 301	eP	Pn	17 14 37.4 +4.6
SSF	Saint Saulte	6.09 301	eS	Pn	17 15 39.5 -3.1
SAV	Savonnières en	6.11 319	ePn	Pn	17 14 33.8 +0.8
SAV	Savonnières en	6.11 319	eP	Pn	17 14 37.6 +4.6
SAV	Savonnières en	6.11 319	eS	Pn	17 15 40.1 -2.0
KRUC	Moravsky	6.12 35	ePn	Pn	17 14 32.2 -1.0
NKC	Novy Kostel	6.17 8	ePn	Pn	17 14 32.1 -1.7
NKC	Novy Kostel	6.17 8	eP	Pn	17 14 32.1 -1.7
PDG	Podgorica	6.17 103	ePn	Pn	17 14 34.9 +1.0
DRME	Dracevice, Mon	6.21 106	ePn	Pn	17 14 34.0 +1.0
PRU	Pruhonic	6.30 21	ePn	Pn	17 14 34.3 -1.4
PRU	Pruhonic	6.30 21	eP	Pn	17 14 34.3 -1.4
BGF	Bois d'Agland	6.32 295	ePn	Pn	17 14 35.9 0.0
BGF	Bois d'Agland	6.32 295	eP	Pn	17 14 40.0 +4.1
BGF	Bois d'Agland	6.32 295	eS	Pn	17 15 45.6 -2.5
DIVS	Divibare	6.38 87	ePn	Pn	17 14 34.0 -2.9
VRAC	Vranov	6.39 34	ePn	Pn	17 14 35.2 -1.7
VRAC	Vranov	6.39 34	P	Pn	17 14 35.2 -1.7
VRAC	Vranov	6.39 34	eS	Pn	17 16 40.4
VRAC	Vranov	6.39 34	P	Pn	17 14 36.0 -0.9
SJES	Sjenica	6.47 95	ePn	Pn	17 14 37.2 -1.0
MTLF	Montlieu	6.50 266	ePn	Pn	17 14 38.6 +0.1
MTLF	Montlieu	6.50 266	eP	Pn	17 14 42.8 +0.2
MTLF	Montlieu	6.50 266	eS	Pn	17 14 41.9 +3.4
CAF	Calviac	6.52 280	ePn	Pn	17 14 40.1 +1.3

JAVC	Velka Javorinka	6.53 41	ePn	Pn	17 14 38.6 -0.3
VYHS	Vyhne	6.89 48	eP	Pn	17 14 41.0 -2.8
VYHS	Vyhne	6.89 48	eP	Pn	17 15 59.8
VYHS	Vyhne	6.89 48	ePn	Pn	17 14 41.0 -2.8
VYHS	Vyhne	6.89 48	eS	Pn	17 15 59.8 -2.5
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	ex	x	17 15 18.0
BRG	Berggiesshubel	7.00 15	ex	x	17 16 02.8
BRG	Berggiesshubel	7.00 15	ex	x	17 16 50.1
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 16 59.9
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	e	Pn	17 16 02.8
BRG	Berggiesshubel	7.00 15	Pmax	Pmax	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	ex	x	17 15 18.0
BRG	Berggiesshubel	7.00 15	ex	x	17 16 02.8
BRG	Berggiesshubel	7.00 15	ex	x	17 16 50.1
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 16 59.9
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	e	Pn	17 16 02.8
BRG	Berggiesshubel	7.00 15	Pmax	Pmax	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	ex	x	17 15 18.0
BRG	Berggiesshubel	7.00 15	ex	x	17 16 02.8
BRG	Berggiesshubel	7.00 15	ex	x	17 16 50.1
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 16 59.9
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	e	Pn	17 16 02.8
BRG	Berggiesshubel	7.00 15	Pmax	Pmax	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	ex	x	17 15 18.0
BRG	Berggiesshubel	7.00 15	ex	x	17 16 02.8
BRG	Berggiesshubel	7.00 15	ex	x	17 16 50.1
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 16 59.9
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	e	Pn	17 16 02.8
BRG	Berggiesshubel	7.00 15	Pmax	Pmax	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	ex	x	17 15 18.0
BRG	Berggiesshubel	7.00 15	ex	x	17 16 02.8
BRG	Berggiesshubel	7.00 15	ex	x	17 16 50.1
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 16 59.9
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	e	Pn	17 16 02.8
BRG	Berggiesshubel	7.00 15	Pmax	Pmax	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel	7.00 15	Pn	Pn	17 14 46.3
BRG	Berggiesshubel	7.00 15	ex	x	17 15 18.0
BRG	Berggiesshubel	7.00 15	ex	x	17 16 02.8
BRG	Berggiesshubel	7.00 15	ex	x	17 16 50.1
BRG	Berggiesshubel	7.00 15	Amp	Pn	17 16 59.9
BRG	Berggiesshubel	7.00 15	P	Pn	17 14 45.6 +0.3
BRG	Berggiesshubel				

23d 18h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their data points.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic events with station data.

1102

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic events with station data.

23rd 20h

Table with columns: IDAR, Eielson Array, 40.37 332 P, 19 06 49.1 +4.9, comp=2.0, 5nm, 0.9s, baz=10, slow=5.5, SNR=4.6

Table with columns: IDC 23 19:00:29.3, 4.3, 16.89S, 177.00W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.6/3.5, mbtmp4.0/3, Error ellipse: s-maj=199.0km s-min=38.4km az=139.0, Fiji Islands region

Table with columns: IDC 23 19:04:28.7, 14.0, 36.11N, 171.93E, h116km, 77km, mb3.5/3, mb1.3/5.9, mb1mx3.0/6.2, mbtmp3.9/9, ML3.5/6, Error ellipse: s-maj=139.7km s-min=43.7km az=178.0

Table with columns: IDC 23 19:04:38.2, 7.7, 37.04N, 10.06, 71.88E, 0.07, h146km, 8km, mb4.0/4, Error ellipse: s-maj=9.5km s-min=7.0km az=205.0

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

Table with columns: INET 23 19:17:01.0, 9.87N, 86.40W, h15km, MW3.6, IDC 23 19:17:06.9, 1.5, 11.39N, 85.29W, h0km, mb3.4/5, s-maj=106.4km s-min=15.3km az=68.0

Table with columns: IDC 23 19:17:05.7, 0.8, 10.43N, 100.86W, h10km, n53, 0.85/55.5, 8C, Off coast of Costa Rica

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Main table for station data (continued) with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

Table with columns: WEL 23 19:36:19.6, 44.5, 2.17E, 2.17E, h14km, 3km, M2.4/13, mb5.8/1.1, ML2.5/12, MLv2.4/13, Mw(mb)5.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=130.6, South Island

Main table for station data (continued) with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

Table with columns: IDC 23 19:48:22.3, 1.5, 36.72N, 141.29E, h0km, mb3.5/3, mb1.3/7.4, mb1mx3.4/3.4, mbtmp3.4/4, ML2.5/1, Error ellipse: s-maj=34.9km s-min=27.3km az=164.0

Main table for station data (continued) with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

Table with columns: IDC 23 19:50:53.4, 2.1, 24.34S, 108.66W, h0.1, h135km, 10km, mb4.1/3, Md3.5(SJA), Error ellipse: s-maj=15.5km s-min=11.8km az=95.0

Main table for station data (continued) with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

1104

Main table for station data (continued) with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

Table with columns: ILAR, S, Sn, 20 16 28.1 +0.9, etc. Lists various astronomical objects and their parameters.

Table with columns: H04A, Detroit Lake, 23.56 128, P, Iamb, etc. Lists astronomical objects and their parameters.

Table with columns: CTAO, Charters Tower, 33.91 279, P, Iamb, etc. Lists astronomical objects and their parameters.

IDC 23 20:20:33.44.0, 5275S-139.94E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.6, 2.26, mbtmp3.5/3, MS3.5/1, Ms1 3.4/1, ms1mx3.0/1.3, Error ellipse: s-maj=14.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists astronomical objects and their parameters.

IDC 23 20:28:31.3.0-0.7, 30.16S-177.71W, h0km, mb4.4/10, mb1 4.5/11, mb1mx4.3/24, mbtmp4.3/11, ML4.5/1, MS3.8/2, Ms1 3.7/2, ms1mx3.2/27, Error ellipse: s-maj=21.2km

NEIC 23 20:28:36.1.4, 30.17S-0.05E-177.9W, 0.1, h34km, 5km, mb4.6/23, Error ellipse: s-maj=17.1km s-min=6.7km az=96.0

IDC 23 20:28:36.6-0.6, 30.24S-0.05E-177.84W, 0.10, h35km, n81, c190/70, mb4.5/17, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists astronomical objects and their parameters.

IDC 23 20:29:05.2.32E25-178.52W, h0km, mb4.3, South of Kermadec Islands, South of Kermadec Islands

IDC 23 20:35:31.3.0-0.4, 29.55S-60.81E, h0km, mb4.5/24, mb1 4.6/25, mb1mx4.5/36, mbtmp4.5/25, ML4.5/1, MS4.1/27, Ms1 4.1/27, ms1mx4.0/48, Error ellipse: s-maj=15.1km s-min=13.3km az=36.0

MOS 23 20:35:31.3.1, 29.47S-60.83E, h10km, mb4.8/27, Error ellipse: s-maj=12.0km s-min=6.1km az=95.6

BUJ 23 20:32:32.7-0.0, 29.00S-60.61E, h0km, mb5.2/23, mb4.7/12, MS5.0/4, Ms7.4/7.6

NEIC 23 20:35:33.1.0, 29.46S-0.09E-60.8E, 0.1, h15km, 1km, mb5.0/56, Error ellipse: s-maj=15.0km s-min=12.4km az=56.0

GMCT 23 20:35:33.5-0.3, 29.43S-0.01E-60.67E, 0.02, h14km, 1km, MW5.0/104, Moment Tensor Solution. s32, c34; s104, c145; Duration: 0 Moment tensor: Scalar 10^16Nm; Mn-1.13e11; Mm2.61e11; Mm3.148e11; Mm0.70e21; Mm2.23e09; Mm1.15e27; Best double couple: M-3.4400x10^16 NPT=26.000000; 666.000000; lambda=155.000000; NPZ=287.000000; 170.000000; lambda=255.000000; Principal axes: T 3.5980; P 6.020000; Azm337.0000; N 0.3090, P165.80000; Azm71.00000; P -3.2890, P32.0000; Azm245.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 23 20:35:33.1-0.3, 29.43S-0.06E-60.73E, h10km, n343, c154/332, mb4.9/104, MS4.2/29, 6C-1507, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists astronomical objects and their parameters.

Table with columns: Station Name, Time, Az, El, P, PK, etc. Includes stations like Cape Campbell, Blackbirch Sta, Moikau Station, THZ Tophouse, etc.

Table with columns: Station Name, Time, Az, El, P, PK, etc. Includes stations like Eagleton, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with columns: Station Name, Time, Az, El, P, PK, etc. Includes stations like Clear Creek Bu, College, CIGO, UAF Yank, etc.

JMA 23.21:23.44.0.0.4.3.47N:147.09E,h33km,M3.0
IDC 23.21:23.48.0.0.4.3.17N:147.14E,h89km,39km,mb3.2/5,
mb1.3/3.7,mb1mx3.6/58,mbtm3.6/7,Error ellipse:
s-maj=114.7km,s-min=26.6km,az=167.0
ISC 23.21:23.43.61.1.4,43.3N:146.92E:0.08,h24km,m2.0,
@158/18,mb3.3/5,Kuril Islands

Table with columns: Code, Station Name, Time, Az, El, P, PK, etc. Includes stations like Nemuro 2, Rausu, Nakash, etc.

NOU 23.21:26.28.2.56:89N:156.91W,h13km,MLv4.2,Alaska
Peninsula
IDC 23.21:26.30.5.2.67:50N:157.08W,h79km,22km,mb3.6/20,
mb1.3/2.3,mb1mx3.6/58,mbtm3.6/7,M3.3/2,
M3.1.3/2,ms1mx2.8/45,Error ellipse: s-maj=25.6km
s-min=13.7km,az=7.0

Table with columns: Code, Station Name, Time, Az, El, P, PK, etc. Includes stations like Peulik 4, Peulik Blue Cr, Peulik 3, etc.

24d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOTR, KOTR, Khodutka, Kamc, 1.64 240 eP, S, Sn, 00 17 42.0 +0.6, etc.

NNC 24 00:19:37.4+3.2, 42.229N, 84.35E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=26.3km s-min=16.0km az=155.0

SOME 24 00:19:40.9+42.429N, 84.13E, h0km, ISC 24 00:19:38.7+3.2, 42.444N, 10.8422E, 0.08, h10km, n33, e137/49, GC-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOTR, KOTR, Khodutka, Kamc, 1.64 240 eP, S, Sn, 00 17 42.0 +0.6, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJR, Jarkent, 3.74 302 Pg, Pg, 00 20 49.5 -0.9, etc.

NEIC 24 00:38:40.3+1.1, 23.55S, 0.1x179.9E, 0.1, h569km, 5km, mb4.1/15, Error ellipse: s-maj=22.5km s-min=18.5km az=145.0

ISC 24 00:38:41.1+2.8, 23.52S, 179.92E, h573km, 31km, mb3.1/8, mb1 3.4/9, mb1mx3.1/37, mbtmp4.1/9, Error ellipse: s-maj=28.1km s-min=16.6km az=169.0

ISC 24 00:38:39.0+5.2, 23.55S, 0.1x179.93E, 0.09, h550km, n34, e095/36, mb3.8/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIUE, Niue, 10.42 67 P, P, 00 41 02.7 +1.4, etc.

1112

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUA, comp=Z, 3.0nm, 1.2s, IAMB, IAMB, 00 50 48.6, etc.

MOS 24 00:38:52.8+0.0, 42.095N, 45.61E, h12km, MPVA3.5, NORS 24 00:38:52.8+0.0, 42.095N, 45.63E, h19km, MPVA3.5, DRS 24 00:38:53.7+0.0, 43.03N, 45.53E, h14km, ML2, 7/10, ISC 24 00:38:55.1+0.9, 43.00N, 0.03, 45.62E, 0.02, h14km, 8km, n39, e099/74, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GROG, Groznyy, 0.24 32 P, Pg, 00 39 00.2 +0.2, etc.

GCG 24 00:50:17.6+0.3, 13.69N, 91.72W, h0km, 999km, MD4.0, IDC 24 00:50:17.2+1.8, 14.27N, 91.27W, h0km, mb3.7/6, mb1 3.4/9, mb1mx3.8/32, mbtmp3.7/9, ML3.7/3, MS3.4/5, Ms1 3.4/5, ms1mx3.0/33, Error ellipse: s-maj=56.2km s-min=27.2km az=40.0

SNET 24 00:50:18.9+1.2, 13.79N, 91.61W, h14km, 30km, ML3.4, UCR 24 00:50:19.1+1.2, 13.81N, 91.59W, h11km, 13km, ML3.3, mb4.2(NEIC)

NEIC 24 00:50:20.2+2.0, 13.74N, 0.09, 91.72W, 0.07, h37km, 13km, mb4.2/15, Error ellipse: s-maj=16.4km s-min=4.9km az=215.0

ISC 24 00:50:18.3+1.0, 13.72N, 0.10, 91.78W, 0.07, h20km, 5km, n66, e128/77, mb4.0/14, MS3.2/3, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTAL, Retailhuleu, 0.81 6 eP, P, 00 50 36.3 -0.7, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNJE San Jose, BOQS Boqueron, MTO3 Montecristo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CTA Charters Tower, WRA Warrunganga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IHR Heris, TABZ Tabriz, etc.

Table with columns: GRMI, IAML, Time, Res. Includes stations like GRMI Germin, LRK Lerik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PQL Pirkulu, IGZV Ghazvin, etc.

Table with columns: IBZA, Time, Res. Includes stations like KER Kermanshah, THKV Tehran-Karaj, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KLNJ Kolanjah, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHBI Chibit, Altay, CUR Chagan-Uzun, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, etc.

IDC 24 01:59:44.5±2.8, 21N-53.12E, h0km, mb3.6/10, mb1 3.7/12, mb1mx3.5/45, mbtmp3.6/12, MS3.2/2, Error ellipse: s-maj=51.8km s-min=21.5km az=158.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QIR1 Qir, JHRM Jahrom, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IBAF Bafgh, BANOM Banah, etc.

UPA 24 02:01:42.8±1.0, 10.066N-84.07W, h22km±11km, MW4.1, ID2, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HDC Heredia, DUR1 Durika, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUY2C Guyana, ACON Acopaya, etc.

TUL 24 02:23:24.4±1.1, 36.37N-102.98W, 0.05, h7km±6km, mb_Lg3.6/11(NEIC), Error ellipse: s-maj=5.9km s-min=1.9km az=77.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CROK Carrier, KAN14 Manchester, etc.

24d 3h

Table of astronomical observations for 24d 3h, listing station names, coordinates, and observation times.

2025 JAN

Table of astronomical observations for 2025 JAN, listing station names, coordinates, and observation times.

1116

Table of astronomical observations for 1116, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N1 WAKE ISLAND Hy 40.48, H11N2 WAKE ISLAND Hy 40.48, H11N3 WAKE ISLAND Hy 40.49, etc.

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WB0 Warramunga Arr 47.83 259, WB2 Warramunga Arr 47.85 259, WRA Warramunga Arr 47.87 259, etc.

NOU 24 03:42:54.0, 14.735S, 172.726W, h55km, MLV3.6, Samoa Islands, Samoa Islands

NORS 24 03:57:48.6, 0.0, 42.919N, 146.32E, h11km, MPV43.7, M0S 24 03:57:49.4, 0.0, 42.924N, 146.32E, h11km, MPV43.7, DR 24 03:57:50.0, 0.0, 42.933N, 146.26E, h12km, ML2.9, 10 ISC 24 03:57:50.0, 1.0, 42.937N, 146.033E, h0.02, h13km, 8km, n37, r1532/65, Eastern Caucasus

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DVE Vedeno 0.14 264, DVM DVM 0.25 67, DLMR Dylm 323nm,0.2s, etc.

IDC 24 03:41:00.1, 3.5, 8.84N, 125.19E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/32, mbtmp3.4/3, Error ellipse: s-maj=33.6km s-min=25.3km az=65.0

MAN 24 03:41:04.6, 9.43N, 126.34E, h33km, mb4.5, ML3.4, MS3.2, ISC 24 03:40:59.6, 1.5, 9.47N, 126.018E, 126.33E, 0.1, h10km, n6, r678/6, mb3.4/3, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CGP Cagayan de Oro 1.90 238, CGP Lapu-Lapu 2.48 290, LLL Lapu-Lapu 2.48 290, etc.

IDC 24 03:42:01.0, 1.4, 17.25S, 175.15W, h246km, 18km, mb3.8/7, mb1 3.9/9, mb1mx3.5/26, mbtmp4.4/9, Error ellipse: s-maj=26.6km s-min=14.2km az=127.0

NEIC 24 03:42:02.4, 2.3, 17.31S, 170.174W, 0.0, h270km, 8km, mb4.3/13, Error ellipse: s-maj=15.5km s-min=13.8km az=96.0

NOU 24 03:43:54.5, 14.26S, 172.38W, h15km, MLV3.3, Samoa Islands, n11, r1513/31, mb4.1/9, Tonga Islands

ISC 24 03:42:00.7, 0.6, 17.26S, 175.09W, 0.008, h250km, n31, r1513/31, mb4.1/9, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu 4.61 44, AFI Afiamalu 4.61 44, AFI Afiamalu 4.61 44, etc.

IDC 24 04:12:48.9, 11.0, 7.50S, 129.08E, h381km, 145km, mb2.6/1, mb1 2.6/4, mb1mx2.5/4, mbtmp3.4/4, Error ellipse: s-maj=78.8km s-min=55.8km az=16.0, Banda Sea

IDC 24 04:58:04.0, 2.4, 13.92S, 75.23W, h44km, 22km, mb3.4/3, mb1 3.7/6, mb1mx3.4/43, mbtmp3.7/6, ML3.6/3, MS2.4/1, Ms1 2.4/1, ms1mx2.2/18, Error ellipse: s-maj=62.3km s-min=17.4km az=50.0

ISC 24 04:58:02.8, 1.0, 14.0S, 0.2, 75.3W, 0.3, h35km, n10, r1506/10, mb3.6/3, Near coast of Peru

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi 11.05 197, FITZ Fitzroy Crossi 11.05 197, WRA Warramunga Arr 13.38 158, etc.

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NNA 25nm, 0.3s, baz=142, slow=12, SNR=32, NNA 160nm, 0.3s, baz=198, slow=17, SNR=12, etc.

IDC 24 04:59:28.6, 4.6, 36.59N, 69.76E, h0km, mb3.9/2, mb1 3.6/6, mb1mx3.2/54, mbtmp3.5/6, ML3.2/4, Error ellipse: s-maj=100.1km s-min=28.0km az=164.0, NNC 24 04:59:32.9, 4.6, 36.88N, 69.45E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=38.7km s-min=31.8km az=153.0, ISC 24 04:59:29.9, 2.3, 36.6N, 0.2, 69.6E, 0.1, h10km, n16, r2502/19, 4C-6D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayshu 6.40 29, AML Almayshu 6.40 29, KK31 Karatay Array 6.56 6, etc.

IDC 24 05:01:32.1, 2.7, 48.24N, 33.57E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.4/43, mbtmp3.7/5, ML2.8/3, MS3.3/2, Ms1 3.3/2, ms1mx2.4/48, Error ellipse: s-maj=47.0km s-min=17.2km az=20.0, ISC 24 05:01:35.1, 1.1, 48.73N, 0.06, 33.14E, 0.08, h10km, n15, r3502/17, mb3.7/3, 7C-3D

Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be 3.22 309, AKASG Malin Array Be 3.22 309, AKASG Malin Array Be 3.22 309, etc.

SFS 24 05:13:15.0, 4.0, 16.1N, 1.68E, ML 1.6, LAGUNA DEL MARQUESADO (CUENCA)

MDD 24 05:13:15.0, 4.0, 40.18N, 1.64W, h8km, 6km, mblg1.8/11, 1C-1D, Error ellipse: s-maj=3.9km s-min=3.7km az=26.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ETOR Torete 0.71 334, ETOR Torete 0.71 334, ECHE Chera 0.78 139, etc.

CHN8	Viju	0.21 310	P	Pg	07 15 31.9	-0.2	SMLT	baz=34	S	Sb	07 15 55.1	+0.6	NNSH	baz=24	eS	Sb	07 16 14.8	+0.1		
CHN8	baz=312		S	Sb	07 15 36.8	+0.1	PNG	Penghu	0.84 295	P	Pg	07 15 42.3	-1.3	NSTT	Nanjuang	1.52 22	eP	Pn	07 15 53.5	-0.7
WTP	baz=312	0.22 81	P	Pg	07 15 31.9	-0.3	PNG	baz=297	eS	Sg	07 15 54.2	-0.4	NSTT	baz=20	eS	Sb	07 16 14.2	-0.4		
WTP	Ta-pu	baz=80	iS	Sb	07 15 36.6	-0.4	FULB	Fuli	0.84 91	P	Pb	07 15 43.6	-0.2	NNS	Nan Shan	1.52 36	eP	Pn	07 15 54.4	+0.1
TAI1	Yung-kang	0.22 220	P	Pb	07 15 32.8	-0.4	FULB	baz=80	eS	Sn	07 15 56.9	-0.1	NNS	baz=35	eS	Sb	07 16 15.1	+0.4		
TAI1	baz=221		eS	Sb	07 15 38.3	+1.2	TTN	Taitung	0.84 123	eP	Pn	07 15 44.2	-0.6	LI0B	Emei	1.54 22	eP	Pn	07 15 53.8	-0.6
SGST	Jiashian	0.23 125	P	Pg	07 15 31.2	-1.1	TTN	baz=111	eS	Sn	07 15 58.6	+1.7	LI0B	baz=20	eS	Sb	07 16 15.1	0.0		
SGST	baz=119		eP	Sg	07 15 36.2	+0.5	TWF1	Yuli	0.85 80	P	Pg	07 15 43.2	-0.7	LAY	Lan-yu	1.59 137	eP	Pn	07 15 54.7	-0.5
CHN4	Tsaushan	0.24 54	P	Pg	07 15 32.3	-0.2	TWF1	baz=79	eS	Sb	07 15 55.7	+0.4	SBCB	Hsinchu	1.67 19	eP	Pn	07 15 54.9	-1.3	
CHN4	baz=52		eP	Sb	07 15 37.1	-0.5	WLCH	Liuqiu	0.86 180	P	Pn	07 15 44.9	-0.1	NSK	Sanguang	1.71 31	eP	Pn	07 15 56.3	-0.6
TPUB	Ta-pu	0.24 69	P	Pg	07 15 32.2	-0.4	WLCH	baz=203	eS	Sn	07 15 58.2	+0.8	NSK	baz=29	eS	Sb	07 16 20.1	+0.1		
TPUB	baz=67		S	Sb	07 15 36.8	-1.0	YULB	baz=203	0.86 78	P	Pg	07 15 43.1	-1.0	YHNB	baz=30	eP	Pn	07 15 57.0	+0.1	
TPUB	Ta-pu	0.24 69		Pg	07 15 32.3	-0.4	YULB	baz=86	eS	Sg	07 15 54.1	-1.2	YHNB	baz=30	eS	Sb	07 16 19.8	-0.3		
TPUB	baz=119		Sg	Pg	07 15 36.1	-0.1	YULB	Yu-hi	0.86 78		Pg	07 15 43.2	-0.9	YHNB	Yeheng	1.71 32		Pn	07 15 57.0	+0.1
WLBG	Puzi	0.28 344		Pg	07 15 32.2	-1.0	YULB	Hsialuochiu	0.86 181	eP	Pn	07 15 44.6	-0.5	NDT	Datong Townshi	1.73 37	eP	Pn	07 15 56.8	-0.3
WLBG	baz=343		eS	Sb	07 15 38.0	-0.7	TWP	baz=203	eS	Sn	07 15 58.3	+0.8	NDT	baz=25	eS	Sb	07 16 21.0	+0.5		
CHY	Chiayi	0.29 8	P	Pg	07 15 33.6	+0.2	VCHM	Gimei	0.88 270	P	Pg	07 15 43.0	-1.4	ENA	Nanji	1.74 46	eP	Pn	07 15 57.7	+0.6
CHY	baz=7.0		eS	Sb	07 15 39.1	+0.1	VCHM	baz=272	eS	Sg	07 15 55.5	-0.4	ENTT	Nioudou	1.79 37	eP	Pb	07 15 59.1	-0.9	
SLGT	Liugui	0.33 132	P	Pg	07 15 34.2	+0.1	WWF	Wufeng	0.88 19	P	Pg	07 15 43.9	-0.5	ENTT	baz=26	eS	Sg	07 16 24.6	-0.4	
SLGT	baz=120		eS	Pg	07 15 40.9	+0.7	WWF	baz=18	eS	Sb	07 15 56.7	+0.7	ENAH	Nanao	1.80 46	eP	Pn	07 15 58.6	+0.7	
CHN2	Minshiang	0.33 15	P	Pg	07 15 34.4	+0.3	WCHH	Zhanghua	0.88 11	P	Pg	07 15 43.8	-0.6	ENAH	baz=44	eS	Sg	07 16 24.3	-1.0	
CHN2	baz=13		S	Sb	07 15 40.9	+0.7	WCHH	baz=22	eS	Sb	07 15 56.8	+0.7	NWLT	Wulai	1.86 33	eP	Pn	07 15 59.0	+0.1	
SCST	Cishan	0.34 162	eP	Pb	07 15 35.5	+0.2	EDH	Donghe	0.88 105	P	Pg	07 15 44.1	-0.3	NCUH	Zhongli	1.90 23	eP	Pn	07 15 59.8	+0.5
STYT	Tauyuan	0.35 98	P	Pg	07 15 34.3	-0.2	EDH	baz=98	eS	Sn	07 15 57.8	-0.2	TWE	Neicheng	1.91 38	eP	Pb	07 16 00.7	-1.2	
STYT	baz=98		eS	Sb	07 15 40.4	-0.4	CHKT	Chengkung	0.91 97	P	Pb	07 15 45.0	0.0	TWE	baz=36	eS	Sb	07 16 27.0	+1.3	
TWM1	Shoushan	0.39 174	P	Pb	07 15 36.6	+0.6	CHKT	baz=96	eS	Sn	07 15 59.5	+0.8	TWC	Suao	1.93 44	eP	Pb	07 16 01.5	-0.9	
WSF	Szhu	0.45 341	P	Pg	07 15 36.1	-0.2	EHY	Hungye	0.91 71	P	Pg	07 15 44.3	-0.7	TWC	baz=41	eS	Sb	07 16 27.3	+0.9	
WSF	baz=342		eS	Sb	07 15 44.2	+0.5	EHY	baz=78	eS	Sb	07 15 57.1	+0.1	VWUC	VWUC	1.97 334	eP	Pn	07 15 58.7	-1.6	
SNJT	Kaohsiung City	0.46 185	P	Pb	07 15 37.3	0.0	EAST	Anshuo	0.93 152	P	Pb	07 15 45.3	-0.1	TATO	Taipei	2.03 30	eP	Pb	07 16 03.5	-0.5
SNJT	baz=185		eS	Sn	07 15 46.2	-1.3	EAST	baz=143	eS	Sn	07 15 59.0	-0.3	TATO	Taipei	2.03 30	eP	Pb	07 16 03.7	-0.3	
CHN5	Tsuling	0.47 35	P	Pg	07 15 36.5	-0.3	WPL	Puli Township	0.95 33	eP	Pb	07 15 44.9	-0.9	NHHD	Xindian Distri	2.03 31	eP	Pb	07 16 02.1	+0.9
CHN5	baz=33		eS	Sb	07 15 44.5	+0.1	WPL	baz=32	eS	Sg	07 15 58.2	-0.1	TWA	Mucha	2.08 32	eP	Pn	07 16 01.7	-0.1	
WTK	Tuku	0.47 1	P	Pg	07 15 36.8	0.0	DPDB	Guoxing	0.96 31	P	Pb	07 15 45.0	-0.8	TWA	baz=30	eS	Sb	07 16 31.8	+1.3	
WTK	baz=359		eS	Sb	07 15 44.5	+0.1	DPDB	baz=30	eS	Sb	07 15 59.0	+0.6	NTC	Toucheng	2.10 39	eP	Pn	07 16 03.1	+0.9	
ALS	Alishan	0.49 53	P	Pg	07 15 36.9	-0.3	TCU	Taichung	0.97 16	P	Pb	07 15 45.4	-0.6	TWS1	Kuangyinsan	2.10 26	eP	Pn	07 16 02.3	+0.1
ALS	baz=51		S	Sb	07 15 45.1	0.0	TCU	baz=15	eS	Sn	07 15 59.5	-0.7	KNM	Kimmen	2.15 304	eP	Pn	07 16 03.2	+0.4	
WDLH	Douliu	0.50 17	P	Pg	07 15 37.3	+0.1	TAW	Tawu	0.97 151	eP	Pb	07 15 45.8	-0.2	PTMZ	Houxiangcun	2.15 328	eP	Pn	07 16 01.5	-1.4
WDLH	baz=15		eS	Pg	07 15 45.8	+0.7	TAW	baz=142	eS	Sn	07 15 59.7	-0.6	EGS	baz=41	eS	Pb	07 16 05.1	-1.1		
WDLH	baz=15		eS	Pb	07 15 37.5	-0.5	HGSD	Ruisui	1.00 74	P	Pb	07 15 46.3	-0.1	TIPB	Shuangxi	2.19 37	eP	Pn	07 16 03.9	+0.4
WDLH	Gukeng	0.50 19	P	Pb	07 15 46.4	+1.2	HGSD	baz=79	eS	Sn	07 16 01.8	+0.9	TIPB	baz=20	eS	Sb	07 16 35.2	+1.3		
WDLH	baz=18		eS	Sb	07 15 46.4	+1.2	EGFH	Guangfu	1.06 64	eP	Pb	07 15 47.1	-0.4	YM04	YM04	2.20 28	eP	Pn	07 16 03.7	+0.1
SSD	Sandimen	0.52 154	P	Pb	07 15 37.9	-0.4	EGFH	baz=54	eS	Sg	07 16 01.8	0.0	KNMB	Chin-men Tao	2.21 305	eP	Pn	07 16 01.7	-1.9	
SSD	baz=140		eS	Sb	07 15 46.1	+0.5	SLIU	Shizi	1.06 159	P	Pb	07 15 47.1	-0.4	KNMB	Chin-men Tao	2.21 305	eP	Pn	07 16 02.4	-1.2
TSPT	Pingtung City	0.54 169	eP	Pn	07 15 40.0	-0.7	SLIU	baz=158	eS	Sn	07 16 02.8	+0.3	YM01	YM01	2.21 29	eP	Pn	07 16 02.6	-1.1	
TSPT	baz=168		eP	Pg	07 15 38.3	-0.1	CHGB	Renai	1.11 41	eP	Pb	07 15 47.5	-1.1	YM10	YM10	2.21 29	eP	Pn	07 16 02.7	-1.1
TSMG	Majia	0.56 154	P	Pg	07 15 46.7	-0.1	CHGB	baz=39	eS	Sn	07 16 04.0	0.0	WFSB	Wu-fen Shan	2.25 34	eP	Pb	07 16 07.0	-0.8	
TSMG	baz=144		eS	Sb	07 15 47.1	-0.5	ESL	Shilin	1.14 58	eP	Pb	07 15 48.0	-0.8	WFSB	baz=16	eS	Sb	07 16 37.5	+1.9	
ELDTW	Lidau	0.58 92	P	Pg	07 15 38.5	-0.4	ESL	baz=56	eS	Sg	07 16 03.8	-0.4	TWB1	Santiao Chiao	2.31 39	eP	Pn	07 16 05.8	+0.7	
ELDTW	baz=91		eS	Pb	07 15 38.9	-0.2	LDUT	Ludao	1.14 118	P	Pb	07 15 48.0	-0.8	PTTC	Pingtun	2.34 346	eP	Pn	07 16 04.6	-0.9
YUS	Yu-Shan	0.59 62	P	Pg	07 15 38.9	-0.2	LDUT	baz=106	eS	Sn	07 16 05.9	+1.6	QZH	Quanzhou	2.38 317	ePn	Sm	07 16 05.3	-0.6	
YUS	baz=61		eS	Sb	07 15 47.7	-0.6	LDUT	baz=106	eS	Sn	07 16 05.9	+1.6	QZH	QZH	Sm	Smax	07 16 31.6	-3.3		
WMLT	Mailiao	0.61 346	eP	Pg	07 15 38.9	-0.4	WDJ	Dajia District	1.16 12	eP	Pb	07 15 48.7	-0.5	QZH	comp=N,720nm,0.7s		Smax	Smax		
WMLT	baz=346		eS	Sb	07 15 48.6	+0.4	WDJ	baz=10.0	eS	Sn	07 16 05.3	+0.6	JYNG	Yongunijimaku	2.65 62	P	Pn	07 16 11.7	+2.0	
MASBT	Mashibulo	0.64 159	P	Sb	07 15 39.8	-0.1	WHP	Taichung City	1.18 26	P	Pn	07 15 48.7	-0.9	JYNG	Yongunijimaku	2.71 62	P	Sb	07 16 44.7	-2.4
MASBT	baz=141		eS	Sb	07 15 50.2	+1.1	WHP	baz=24	eS	Sn	07 16 06.0	+0.5	YOJ	Yongunijima	2.71 62	P	Sn	07 16 11.2	+0.7	
KAU	Kaohsiung	0.65 186	eP	Pb	07 15 40.9	+0.5	WHP	baz=24	eS	Sn	07 16 06.0	+0.5	YOJ	Yongunijima	2.71 62	eP	Sn	07 16 44.8	+1.5	
WHYT	Xinyi Township	0.65 42	P	Pg	07 15 40.0	0.0	TWQ1	Liyutan	1.19 17	P	Pn	07 15 49.1	-0.5	YOJ	Yongunijima	2.71 62	eP	Pn	07 16 11.5	+0.9
WHYT	baz=40		eS	Pg	07 15 50.0	+0.6	TWQ1	baz=16	eS	Sg	07 16 06.3	+0.6	AXDP	Jialang	2.77 308	eP	Pn	07 16 10.8	+0.2	
WDGT	Dungji	0.67 274	P	Pg	07 15 39.6	-0.8	WHF	Hehuan Shan	1.23 41	eP	Pn	07 15 49.9	-0.7	AXDP	baz=312	eS	Sb	07 16 10.2	-1.1	
WDGT	baz=275		eS	Sg	07 15 49.3	+0.1	WHF	baz=39	eS	Pn	07 16 07.1	-0.2	PCYT	Pengchaiyu	2.86 32	eP	Pb	07 16 16.3	-1.8	
RLNB	Erlin	0.68 358	P	Pg	07 15 40.4	-0.1	HEN	Hengchun	1.25 165	eP	Pn	07 15 49.7	-0.7	MATB	Ma-tsu	2.95 352	eP	Pn	07 16 12.6	-1

24d 7h

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

IDC 24 07:22:27.6:0.8, 60.08S:27.16W, h0km, mb4.2/5, mb1 4.3/6, mb1mx4.1/19, mbtmp4.2/6, ML4.7/1, Error ellipse: s-maj=44.8km s-min=21.1km az=85.0

NEIC 24 07:22:31.5:1.1, 60.17S:0.08:27.3VV:0.3, h21km, 6km, mb4.5/13, Error ellipse: s-maj=26.7km s-min=3.1km az=63.0

ISC 24 07:22:29.1:0.6, 60.1S:0.1:27.1W:0.1, h10km, n32, s1501/32, mb4.4/11, South Sandwich Islands region

Main table of station data for the 24d 7h period, including codes like HOPE, VNA3, etc.

MAN 24 07:22:59.1, 18.20N:21.102E, h82km, mb4.0, ML2.8, MS2.4, 1D, Luzon

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

BGR 24 07:25:39.1:0.0, 65.14N:20.28W, h10km, mb4.9, NEIC 24 07:25:46.8:2.1, 64.65N:0.09:17.6W:0.1, h1km, 4km, Error ellipse: s-maj=12.7km s-min=8.1km az=188.0

2015 JAN

MW4.8/92, Moment Tensor Solution, s13.c14: s92.c108; Duration: 0. Moment tensor: Scale 10^16Nm; Mrr: 1.99e-16; Mss: 1.21e-11; Mss: 0.78e-09; Mss: 0.35e-25; Mss: 0.16e-05; Mrr: -1.33e-25; Best double couple: M2,05000x10^16 NP1:3e241,00000; s28,00000; -1.66,00000; NP2: 0.34,00000; s65,00000; -1.02,00000; Principal axes: T: 1.5570, Plg19.0000; Azm133.0000; N: 0.9900, Plg11.0000; Azm39.0000; P: -2.5430, Plg68.0000; Azm281.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

ISC 24 07:25:49.3:0.3, 64.58N:0.02:17.60W:0.02, h10km, n330, s2504/30, mb4.6/105, MS4.0/37, 18C, Iceland

Main table of station data for the 2015 JAN period, including codes like IDYN, IHAM, etc.

1120

Main table of station data for the 1120 period, including codes like FLN, CLZ, etc.

24d 7h

CMAR comp=Z,38nm,18.9s,baz=228,slow=36
Chiang Mai Arr 84.16 59cP P 07 38 22.5 +2.0
BOSA Boshof comp=Z,1.0nm,0.7s 98.80 143 LR 08 26 50.2

IDC 24 07:45:04.4.1.1,51.23Sx138.82E,h0km,mb4.1/6,
mb1 4.2/7,mb1mx4.0/27,mbtmp4.1/7,ML4.0/1,MS3.5/5,
Ms1 3.5/5,ms1mx3.2/26,Error ellipse: s-maj=84.5km
s-min=15.9km az=85.0

NEIC 24 07:45:06.0.1.3,51.26S;0.08-139.0E;0.2,h10km,1km,
mb4.2/13,Error ellipse: s-maj=25.8km s-min=13.7km
az=280.0

ISC 24 07:45:05.9.0.7,51.26S;0.09-139.0E;0.1,h10km,n35,
o558/24,mb4.2/8,MS3.5/4,Western Indian-Antarctic
Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TASmania Unive, TOolangi, STKA, STKA, MLZ, WRA, FITZ, QSPA, BATI, KAPI, SNAE, SNAE, PPTF, H08S2, H08S1, H08S3, TPUB, H03S1, H03S2, H03S3, GERES, etc.

PDG 24 07:55:44.4.1.3,45.61N;26.43E,h9km,2km,ML4.2/10,
Error ellipse: s-maj=0.9km s-min=1.4km az=0.0

MOS 24 07:55:46.1.0.45,73N;26.57E,h87km,mb4.2/15,Error
ellipse: s-maj=5.4km s-min=3.9km az=105.8

SIGU 24 07:55:46.3.45.75N;26.58E,h100km
IDC 24 07:55:47.2.0.3,45.69N;26.36E,h84km,3km,mb3.8/20,
mb1 3.9/27,mb1mx3.8/45,mbtmp4.1/27,MS3.1/11,
Ms1 3.1/11,ms1mx2.9/56,Error ellipse: s-maj=12.5km
s-min=7.4km az=147.0

MED_RC 24 07:55:47.0.0.4,45.67N;26.62E,h84km,9km,MW4.3/22,
Moment Tensor Solution,Mantle waves: s22,c27;
Duration: 1s0 Moment tensor: Scale 10^19N/m;
Mn2.05e-35; Mw=2.28e-48; Mw0.23e-41; Mn-1.47e-25;
Mw-1.82e-47; Mw-1.89e-31; Best double couple:
M=3.650000e+10 N^2; N1=31.000000; S2=0.000000;
lambda=0.000000; NP2=276.000000; S2=0.000000; lambda=0.000000;
Principal axes: T 4.0300,Plg39.0000; Azm70.0000; P -3.2800,
Plg6.0000; Azm335.0000; nsta1 refers to body waves.
nsta2 refers to surface waves, cutoff=3fs.

BUC 24 07:55:47.3.0.2,45.71N;26.57E,h88km,2km,ml4.7/69
Error ellipse: s-maj=1.7km s-min=1.4km az=12.0

NEIC 24 07:55:47.6.2.0,45.71N;0.02-26.56E;0.04,h48km,2.5km,
Error ellipse: s-maj=4.8km s-min=2.0km az=118.0

SOF 24 07:55:48.9.45.54N;26.45E,h100km,MD4.8
BEO 24 07:55:50.2.0.8,45.61N;26.31E,h49km,3km,ML4.3/18
THE 24 07:55:51.1.45.19N;26.44E,h167km,9km,ML4.4/12,
Error ellipse: s-maj=9.8km s-min=1.5km az=174.0

PRU 24 07:56:09.7.0.0,47.01N;24.67E,h0km,M4.7
ISC 24 07:55:47.0.0.4,45.74N;0.02-26.54E;0.02,h89km,3km,
h89km;p-P,n619,r181/838,mb4.3/46,142C-143D,
Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLOstina, VRI, BISR, AMRR, LEHL, INCRC, ARR, STAR, etc.

2015 JAN

Main data table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETR, MLR, MTR, GUR, etc.

1122

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

24d 8h

Table of astronomical observations for 24d 8h, listing stations like GOF, KBZ, BSD, etc., with columns for station name, coordinates, and observation data.

2015 JAN

Main table of astronomical observations for 2015 JAN, listing stations like ARCES, KEV, TRO, etc., with columns for station name, coordinates, and observation data.

1124

Table of astronomical observations for 1124, listing stations like ULM, BOSA, BSH, etc., with columns for station name, coordinates, and observation data.

Table with columns: SLGT, Liugui, 1.02 238 P, Pb, 11 56 15.2 -0.4, comp=E,8.1nm,0.6s, KARP, comp=E,7.0nm,0.9s, AML, AML, 11 57 24.0, etc.

Table with columns: KARP, comp=E,8.1nm,0.6s, AML, AML, 11 57 24.0, ZKR, comp=N,4347j,um,0.5s, AML, AML, 11 57 15.0, etc.

Table with columns: JLU, Kuro-shima, 1.39 244 P, eS, Sn, 12 13 55.4 -0.1, JKRS, Iriomote-Funau, 1.59 251 P, eS, Sn, 12 14 00.7 +1.2, etc.

NOU 24 12:23:00.0, 24:39S:179:12W, h517km, mb4.0, South of Fiji Islands, NEIC 24 12:23:05.8, 1.6, 24:7S:0.1x180:0W:0.1, h506km, 8km, mb4.4/18, Error ellipse: s-maj=23.1km s-min=10.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, YATNC, Mamie plateau, 12.36 280 P, Op, P, ISC, h m s ISC, 12 25 49.9 +1.6, etc.

IDC 24 12:29:47.2, 5.4, 18:02S:178:34W, h592km, 70km, mb3.1/10, mb1.3/3.1, mb1mx3.1/29, mbtmp4.0/11, Error ellipse: s-maj=35.8km s-min=24.9km az=180.0, NEIC 24 12:29:50.8, 1.2, 17:9S:0.2x178:5W:0.1, h634km, 12km, mb4.2/19, Error ellipse: s-maj=23.8km s-min=16.4km

IDC 24 12:29:48.1, 0.7, 17:9S:0.1x178:4W:0.1, h600km, n35, 0:60/36, mb4.2/17, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DZM, Mont Dzumac, 14.83 251 P, P, ISC, h m s ISC, 12 32 54.7 -0.1, etc.

ISK 24 11:56:49.6, 34:85N:26:98E, h5km, ML3.5/13, NIC 24 11:56:50.5, 0.0, 34:85N:27:01E, h10km, 4km, ML3.7/2, DDA 24 11:56:51.9, 34:96N:27:04E, h5km, 3km, ML3.3, IDC 24 11:56:52.4, 1.3, 35:69N:26:85E, h0km, mb3.6/7, mb1.3/7.8, mb1mx3.5/37, mbtmp3.6/8, ML3.6/1, MS2.1/1, MS1.2/11, ms1mx1.8/36, Error ellipse: s-maj=43.0km s-min=17.5km az=159.0

ATH 24 11:56:52.0, 34:94N:26:93E, h12km, 2km, ML3.2/7, Error ellipse: s-maj=4.8km s-min=1.4km az=338.0, THE 24 11:56:53.1, 35:00N:26:88E, h0km, 3km, ML3.1/4, Error ellipse: s-maj=8.9km s-min=1.4km az=150.0

ISC 24 11:56:50.1, 1.3, 34:89N:0:04:27.01E, 0.02, h12km, 9km, n74, 0:1929/89, mb3.6/7, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KARP, Karpathos, 0.67 11 P, Op, ISC, h m s ISC, 11 57 04.1 +0.4, etc.

IDC 24 12:13:13.0, 0.1, 24:83N:124:92E, h0km, mb3.6/7, mb1.3/8.7, mb1mx3.7/32, mbtmp3.6/7, Error ellipse: s-maj=43.0km s-min=19.8km az=72.0

JMA 24 12:13:18.0, 0.1, 24:83N:125:39E, h50km, 1km, M3.3, ISC 24 12:13:19.4, 0.8, 24:87N:0:09:125:38E:0:07, h41km, 6km, n17, 0:1938/27, mb3.5/7, Southeastern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, JOGS, Gogusukube, 0.11 165 P, Op, ISC, h m s ISC, 11 57 22.9 -0.3, etc.

24d 15h

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUSS, WHF, TWT, JYNG, etc.

2015 JAN

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

1132

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

1DC 24 14:38:23.7±2.3, 10°27'S; 124°13'E, h0km, mb3.1/1, mb1 3.6/3, mb1mx3.3/34, mbtmp3.4/3, ML3.6/2, Error ellipse: s-maj=202.1km s-min=34.1km az=54.0

24d 16h

NDT	baz=319	eS	Sb	15 45 53.6	-0.3
NNSB	baz=319 Datong baz=288	0.47 289	iP	Pb	15 45 47.5 -0.4
NNSB	baz=288		Sb	15 45 53.3	-1.1
NNSH	baz=288 Datong baz=288	0.47 289	iP	Pb	15 45 47.6 -0.3
NNSH	baz=288		Sb	15 45 53.2	-1.2
NNS	baz=288 Nan Shan baz=289	0.48 290	iP	Pb	15 45 47.7 -0.4
NNS	baz=289		Sb	15 45 53.8	-1.0
ILA	baz=289 ilan baz=356	0.50 347	eP	Pb	15 45 48.9 +0.6
ILA	baz=356		eS	Sn	15 45 56.8 -1.4
WHF	baz=251 Hehuan Shan baz=251	0.57 257	eP	Pb	15 45 49.4 -0.5
WHF	baz=251		eS	Sb	15 45 57.1 -0.6
FUSS	baz=263 Fushou baz=263	0.57 267	eP	Pb	15 45 49.6 -0.2
FUSS	baz=263		eS	Sb	15 45 56.7 -1.0
NTC	baz=30 Toucheng baz=3.0	0.57 356	eP	Pn	15 45 50.3 -1.0
NTC	baz=3.0		eS	Sb	15 45 58.1 +0.6
YHNB	baz=313 Yeheng baz=313	0.59 311	iP	Pb	15 45 49.7 -0.4
YHNB	baz=313		S	Sb	15 45 57.0 -1.2
NWLTL	baz=313 Wulai baz=330	0.60 326	iP	Pb	15 45 49.9 -0.2
NWLTL	baz=330		eS	Sb	15 45 57.8 -0.5
ESL	baz=218 Shilin baz=218	0.61 221	eP	Pb	15 45 50.1 -0.3
ESL	baz=218		eS	Sb	15 45 58.4 -0.2
NSK	baz=313 Sanguang baz=313	0.61 310	iP	Pb	15 45 49.9 -0.5
NSK	baz=313		S	Sb	15 45 57.6 -1.1
TWT	baz=259 Tachien baz=259	0.63 268	P	Pb	15 45 50.9 0.0
TWT	baz=259		eS	Sb	15 45 58.6 -0.8
TDCB	baz=260 Techu baz=260	0.65 268	iP	Pb	15 45 50.9 -0.2
TDCB	baz=260		eS	Sb	15 45 58.5 -1.3
CHGB	baz=246 Renai baz=246	0.67 251	iP	Pb	15 45 51.3 -0.2
CHGB	baz=246		eS	Sb	15 46 00.1 -0.4
TIPB	baz=2.0 Shuangxi baz=2.0	0.69 357	eP	Pn	15 45 52.3 -0.6
TIPB	baz=2.0		eS	Sn	15 46 02.5 -0.6
EGFH	baz=219 Guangfu baz=219	0.73 214	eP	Pb	15 45 52.4 +0.1
EGFH	baz=219		eS	Sb	15 46 02.2 +0.4
TWB1	baz=8.0 Santiao Chiao baz=8.0	0.73 8	eP	Pn	15 45 53.2 -0.2
TWA	baz=344 Mucha baz=344	0.74 340	eP	Pn	15 45 52.9 -0.7
TWA	baz=344		eS	Sb	15 46 02.9 +0.5
NHHD	baz=339 Xindian Distri baz=339	0.75 335	iP	Pn	15 45 52.9 -0.8
NHHD	baz=339		iS	Sb	15 46 02.7 +0.3
TATO	baz=343 Taipei baz=343	0.78 333	P	Pb	15 45 53.4 -0.7
TATO	baz=343		eS	Sb	15 46 02.8 -0.4
NWF	baz=351 Wu-fen Shan baz=351	0.79 354	eP	Pn	15 45 54.4 0.0
NWF	baz=351		eS	Sn	15 46 05.4 -0.2
WFSB	baz=353 Wu-fen Shan baz=353	0.79 354	P	Pn	15 45 54.3 0.0
WFSB	baz=353		eS	Sn	15 46 05.4 -0.1
TAP1	baz=340 Taipei baz=340	0.82 337	P	Pn	15 45 54.1 -0.6
TAP1	baz=340		eS	Sn	15 46 05.6 -0.6
TAP	baz=340 Taipei baz=340	0.83 336	eP	Pn	15 45 54.4 -0.3
TAP	baz=340		eS	Sn	15 46 05.8 -0.5
WHP	baz=267 Taichung City baz=267	0.84 270	P	Pb	15 45 54.3 0.0
WHP	baz=267		eS	Sb	15 46 04.9 -0.3
LIOB	baz=288 Emei baz=288	0.86 295	P	Pn	15 45 54.9 -0.3
LIOB	baz=288		eS	Sb	15 46 05.9 +0.3
NSTT	baz=294 Nanjuang baz=294	0.87 294	P	Pb	15 45 54.5 -0.1
NSTT	baz=294		eS	Sb	15 46 04.9 -0.9
TNOU	baz=358 National Taiwa baz=358	0.87 354	P	Pn	15 45 55.2 -0.2
TNOU	baz=358		eS	Sn	15 46 07.3 -0.1
WPL	baz=241 Puli Township baz=241	0.88 253	eP	Pb	15 45 54.2 -0.5
WPL	baz=241		eS	Sb	15 46 05.6 -0.4
HGSD	baz=193 Ruisui baz=193	0.88 208	P	Pn	15 45 55.4 -0.2
HGSD	baz=193		eS	Sn	15 46 07.5 -0.2
NTY	baz=331 Guoxing baz=331	0.89 324	eP	Pn	15 45 55.6 0.0
NTY	baz=331		eS	Sn	15 46 07.7 -0.1
DPDB	baz=245 DPDB baz=245	0.90 254	P	Pb	15 45 55.2 0.0
DPDB	baz=245		eS	Sb	15 46 07.0 +0.4
YM01	baz=331 YM01 baz=331	0.91 343	P	Pb	15 45 55.2 -0.2
YM01	baz=331		eS	Sb	15 46 07.1 +0.1
TWS1	baz=336 Kuangyinshan baz=336	0.92 333	P	Pn	15 45 56.6 +0.6
TWS1	baz=336		S	Sn	15 46 09.1 +0.5
YM10	baz=331 YM10 baz=331	0.92 342	P	Pn	15 45 56.4 +0.3
YM10	baz=331		eS	Sn	15 46 08.8 +0.1
EHY	baz=207 Hungye baz=207	0.92 213	eP	Pb	15 45 54.3 -1.2
HSN1	baz=303 Hsinchu baz=303	0.92 303	eP	Pb	15 45 55.2 -0.4
YM04	baz=331 YM04 baz=331	0.92 341	P	Pn	15 45 56.2 +0.1
YM04	baz=331		eS	Sn	15 46 08.8 0.0
YM11	baz=332 YM11 baz=332	0.92 343	P	Pn	15 45 56.9 +0.8
YM11	baz=332		eS	Sn	15 46 08.2 -0.6
YM05	baz=331 YM05 baz=331	0.92 343	P	Pn	15 45 56.2 0.0
YM05	baz=331		eS	Sn	15 46 08.6 -0.2
NCU	baz=319 National Centr baz=319	0.93 318	eP	Pn	15 45 56.7 +0.5
NCU	baz=319		S	Sn	15 46 09.7 +0.8
NCUH	baz=319 Zhongji baz=319	0.93 318	P	Pn	15 45 56.6 +0.5
NCUH	baz=319		eS	Sn	15 46 09.7 +0.9
YM08	baz=334 YM08 baz=334	0.94 344	eP	Pn	15 45 56.5 +0.1
YM03	baz=332 YM03 baz=332	0.94 342	eP	Pn	15 45 56.5 0.0

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YM03	baz=332	eS	Sb	15 46 08.3	+0.2
SBCB	baz=297 Hsinchu baz=297	0.95 303	P	Pn	15 45 56.9 +0.4
SBCB	baz=297		eS	Sn	15 46 10.6 +1.1
ANP	baz=331 Anpu baz=331	0.96 341	eP	Pn	15 45 56.9 +0.3
ANP	baz=331		eS	Sn	15 46 09.8 0.0
NTST	baz=339 Danshui baz=339	0.96 337	eP	Pn	15 45 57.0 +0.4
NTST	baz=339		S	Sn	15 46 10.6 +0.9
SSLB	baz=235 Suanglung baz=235	0.97 240	P	Pb	15 45 55.9 -0.5
SSLB	baz=235		eS	Sb	15 46 09.3 +0.5
SMLT	baz=235 Sun Moon Lake baz=235	0.97 246	P	Pb	15 45 56.3 -0.2
SMLT	baz=235		eS	Sb	15 46 09.0 +0.1
HSN	baz=305 Hsinchu baz=305	0.97 303	eP	Pn	15 45 56.9 +0.2
HSN	baz=305		eS	Sn	15 46 10.5 +0.6
JYNG	baz=203 Yonagunijimaku	1.00 80	P	Pn	15 45 58.6 +1.5
JYNG	baz=203		eS	Sn	15 46 12.8 +2.3
TYC	baz=239 Yuchr baz=239	1.00 248	P	Pn	15 45 56.4 -0.5
TYC	baz=239		eS	Sb	15 46 09.3 -0.2
TWQ1	baz=272 Liyutan baz=272	1.00 274	eP	Pn	15 45 57.8 +0.6
TWQ1	baz=272		eS	Sn	15 46 11.1 +0.4
NMLH	baz=284 Miaoli baz=284	1.02 285	eP	Pn	15 45 57.8 +0.4
NMLH	baz=284		eS	Sn	15 46 11.3 +0.2
NSY	baz=269 Sanyi baz=269	1.02 278	eP	Pn	15 45 57.6 +0.2
NSY	baz=269		eS	Sn	15 46 12.6 +1.5
TWY	baz=336 Chenhua baz=336	1.02 346	eP	Pn	15 45 58.0 +0.6
TWY	baz=336		eS	Sn	15 46 12.4 +1.2
YULB	baz=206 Yu-i baz=206	1.03 211	eP	Pb	15 45 56.9 -0.5
YULB	baz=206		eS	Sb	15 46 09.7 -0.7
EYUL	baz=216 Yuli baz=216	1.05 209	eP	Pn	15 45 57.6 -0.3
YOJ	baz=73 Yonaguni jima	1.06 80	P	Pn	15 45 59.4 +1.5
YOJ	baz=73		eS	Sn	15 46 15.3 +3.3
YOJ	baz=73		eS	Sn	15 45 59.3 +1.4
YOJ	baz=73		eS	Sn	15 46 16.1 +4.1
TWF1	baz=218 Yuli baz=218	1.06 210	eP	Pn	15 45 57.0 -1.0
TWF1	baz=218		eS	Sb	15 46 11.2 -0.2
WWF	baz=255 Wufeng baz=255	1.09 258	eP	Pn	15 45 59.9 +1.3
WWF	baz=255		eS	Sn	15 46 15.9 +2.9
WHYT	baz=234 Xinyi Township baz=234	1.10 238	eP	Pb	15 45 58.8 +0.3
WHYT	baz=234		eS	Sn	15 46 14.1 +1.1
TCU	baz=260 Taichung baz=260	1.10 263	eP	Pb	15 45 59.0 +0.4
TCU	baz=260		eS	Sn	15 46 15.1 +2.0
WDJ	baz=271 Dajia District baz=271	1.12 274	eP	Pb	15 45 59.6 +0.7
WDJ	baz=271		eS	Sn	15 46 14.8 +1.2
WJS	baz=240 Zhushan baz=240	1.14 247	P	Pn	15 45 59.9 +0.6
WJS	baz=240		eS	Sn	15 46 15.3 +1.3
YUS	baz=212 Yu-Shan baz=212	1.15 227	eP	Pn	15 45 59.4 -0.3
YUS	baz=212		eS	Sb	15 46 14.4 0.0
WNT	baz=246 Mingjian baz=246	1.16 250	eP	Pb	15 46 00.1 +0.6
WNT	baz=246		eS	Sn	15 46 17.1 +2.6
FULB	baz=216 Fuli baz=216	1.20 206	eP	Pb	15 46 03.3 0.0
FULB	baz=216		eS	Sn	15 46 17.4 +1.8
WCHH	baz=269 Zhanguhua baz=269	1.21 261	eP	Pb	15 46 00.8 +0.2
WCHH	baz=269		eS	Sb	15 46 18.6 +2.8
ALS	baz=216 Alishan baz=216	1.24 232	eP	Pb	15 46 01.0 -0.2
ALS	baz=216		eS	Sb	15 46 17.8 +1.0
CHKT	baz=183 Chengkung baz=183	1.26 202	eP	Pb	15 46 01.6 +0.2
CHKT	baz=183		eS	Sb	15 46 19.1 -1.3
CHN5	baz=234 Tsauling baz=234	1.28 238	eP	Pb	15 46 02.0 +0.2
CHN5	baz=234		eS	Sb	15 46 19.3 +1.4
WKG	baz=240 Gukung baz=240	1.33 244	eP	Pb	15 46 02.9 +0.3
ELDTW	baz=211 Lidau baz=211	1.34 216	eP	Pn	15 46 01.8 0.0
ELDTW	baz=211		eS	Sn	15 46 18.7 -0.4
WDLH	baz=241 Douliu baz=241	1.35 245	iP	Pb	15 46 03.4 +0.5
WDLH	baz=241		eS	Sb	15 46 22.0 +2.2
EDH	baz=185 Donghe baz=185	1.40 202	eP	Pn	15 46 02.0 -0.6
EDH	baz=185		eS	Sn	15 46 19.1 -1.3
RLNB	baz=252 Erin baz=252	1.43 255	eP	Pb	15 46 04.1 -0.2
CHN2	baz=236 Minshung baz=236	1.48 240	eP	Pb	15 46 06.2 +1.2
CHN2	baz=236		eS	Sb	15 46 24.6 +1.2
WTK	baz=244 Tuku baz=244	1.48 247	P	Pb	15 46 04.8 -0.2
WTK	baz=244		eS	Sb	15 46 25.2 +1.8
CHN4	baz=217 Tsaushan baz=217	1.49 232	eP	Pb	15 46 05.1 -0.1
CHN4	baz=217		eS	Sb	15 46 25.2 +1.5
TPUB	baz=226 Ta-pu baz=226	1.50 230	P	Pb	15 46 05.5 +0.1
TPUB	baz=226		eS	Sb	15 46 26.3 +2.4
STYT	baz=218 Tauyuan baz=218	1.51 223	eP	Pb	15 46 05.0 -0.6
STYT	baz=218		eS	Sb	15 46 24.6 +0.3
LONT	baz=203 Longtian baz=203	1.52 207	eP	Pn	15 46 03.8 -0.6
LONT	baz=203		eS	Sb	15 46 24.3 -0.5
CHY	baz=236 Chiayi baz=236	1.54 240	eP	Pb	15 46 05.7 -0.3
CHY	baz=236		eS	Sb	15 46 26.6 +1.6
WTP	baz=224 Ta-pu baz=224	1.54 228	P	Pb	15 46 06.1 -0.1
WTP	baz=224		eS	Sb	15 46 25.2 -0.1
TWK	baz=227 Hsiung baz=227	1.62 232	P	Pb	15 46 07.1 -0.4
TWK	baz=227		eS	Sb	15 46 29.2 +1.8
TWG	baz=203 Pingang baz=203	1.62 207	eP	Pn	15 46 04.9 -0.9
TWG	baz=203		eS	Sn	15 46 25.1 -1.0
TWGBT	baz=203 Beinan baz=203	1.62 207	eP	Pn	15 46 04.3 -1.5

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TWGBT	baz=203	eS	Sn	15 46 25.3	-0.8
WSF	baz=244 Szu baz=244	1.64 247	eS	Sb	15 46 29.4 +1.5
LDUT	baz=181 Ludao baz=181	1.64 193	P	Pn	15 46 04.8 -1.1
LDUT	baz=181		eS	Sn	15 46 25.4 -1.0
SNST	baz=226 Tainan City baz=226	1.64 230	eP	Pb	15 46 08.0 +0.2
SNST	baz=226		eS	Sb	15 46 29.1 +1.1
CHN1	baz=225 Nanshi baz=225	1.64 229	eP	Pb	15 46 07.9 0.0
CHN1	baz=225		eS	Sb	15 46 29.2 +1.1
WLBG	baz=208 Puji baz=208	1.64 241	eP	Pn	15 46 06.8 +0.8
SGST	baz=221 Jhashian baz=221	1.68 225	eP	Pn	15 46 07.2 +0.8
SGST	baz=221		eS	Sb	15 46 29.2 +0.1
IRIF	baz=217 Iromote-Funau baz=217	1.70 88	P	Pb	15 46 08.0 -0.8
SLGT	baz=217 Liugui baz=217	1.70 221	eP	Pb	15 46 08.8 -0.1
SLGT	baz=217		eS	Sb	15 46 29.7 -0.1
ICHU	baz=220 Yifu baz=220	1.72 238			

comp=Z,3.5nm,0.7s,baz=69,slow=2.8,SNR=8.4
PLCA Paso Flores 160.24 PkPab PKPab 16 32 08.3 -0.7

IDC 24 16:12:15.2:13.0,24.68S,179.91W, h22km,130km,
mb3.5/4, mb1 3.8/5, mb1mx3.3/36, mbtmp4.1/5, Error ellipse: s-maj=74.8km s-min=27.6km az=2.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, MNA Mina Array Bea, TXAR Lajitas Array.

IDC 24 16:38:50.9:1.0, 64.64N:17.60W, h0km, mb3.3/7,
mb1 3.6/8, mb1mx3.4/37, mbtmp3.4/8, ML1.0/1, MS3.5/3,
Ms1 3.5/3, ms1mx3.0/29, Error ellipse: s-maj=28.1km s-min=11.9km az=12.0

REY 24 16:38:50.7, 64.67N:17.46W, h9km
ISC 24 16:38:50.6:1.0, 64.58N:0.02:17.48W, h5km,7km,
n56, n5141/65, mb3.3/7, Iceland

Main table of station data for the left column, including stations like IDYN Dymjuhals, IURH Urdarhals, IHAM Hamarinn, etc.

BBB Bella Bella 51.82 313 LR LR 17 09 21.9
MKAR Makanchi Array 52.71 58 P P 16 48 06.9 +1.2
TORD Torodi Ar. Bea 53.15 156 P P 16 48 09.9 +0.7
PDAR Pinedale Array 53.18 293 P P 16 48 10.1 +0.6

IDC 24 16:50:01.5:13.0, 5.87S:155.14E, h106km,82km, mb3.0/5,
mb1 3.2/6, mb1mx3.1/27, mbtmp3.4/6, ML1.6/1, Error ellipse: s-maj=150.0km s-min=35.0km az=99.0, Bougainville-Solomon Islands region

Table of station data for Bougainville-Solomon Islands region, including PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 24 16:56:13.0:0.6, 54.17N:35.12W, h0km, mb4.1/19,
mb1 4.2/22, mb1mx4.1/45, mbtmp4.1/22, ML3.8/3, MS3.8/26,
mb1 3.8/26, ms1mx3.6/53, Error ellipse: s-maj=18.3km s-min=12.4km az=3.0

NEIC 24 16:56:13.9:2.6, 54.18N:0.08:35.11W, 0.2, h10km,1km,
mb4.6/18, Error ellipse: s-maj=19.0km s-min=9.3km az=232.0

ISC 24 16:56:14.4:0.5, 54.21N:0.09:35.16W, 0.06, h10km, n63,
o090/54, mb4.4/27, MS3.9/24, Reykjanes Ridge

Main table of station data for the middle column, including BORG Borgarnes, DRLN Deer Lake, ILULI Ilulissat, etc.

KURK Kurchatov 53.5nm,0.8s IAMB IAMB 17 06 33.3
GEYT Alibek 62.04 63 P P 17 06 35.5 +0.7
GEYT comp=Z,2.1nm,0.8s,baz=278,slow=12,SNR=5.3 LR LR 17 34 03.2

IDC 24 17:19:13.6:0.0, 35.93N:70.18E, h84km, mb4.8/7,
mb4.4/7
IDC 24 17:19:16.1:3.4, 35.85N:70.38E, h87km,29km, mb3.4/11,
mb1 3.5/16, mb1mx2.5/52, mbtmp3.8/16, MS3.7/1,
Ms1 3.7/1, ms1mx3.3/50, Error ellipse: s-maj=26.6km s-min=19.4km az=9.0

NEIC 24 17:19:18.6:2.0, 36.15N:0.05:70.24E, 0.09, h88km,6km,
mb4.0/10, Error ellipse: s-maj=11.0km s-min=7.2km az=91.0

NNC 24 17:19:22.1:7.5, 36.45N:70.13E, h103km=69km, mb3.5,
mp4.0, Error ellipse: s-maj=59.2km s-min=44.5km az=169.0

ISC 24 17:19:19.0:0.6, 36.21N:0.05:70.23E, 0.06, h100km, n65,
i159/65, mb3.6/14, 6C-4D, Hindu Kush region

Main table of station data for the right column, including KBL Kabul, KSH Kashi, THN Thein Dam, etc.

24d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LZH Lanzhou, LZH comp=Z,170nm,1.3s, LZH comp=Z,16nm,1.1s, LZH comp=Z,68nm,4.9s, etc.

NOU 24 17:40:21.6, 34.80S, 179.79E, h362km, mb4.0, South of Kermadec Islands

WEL 24 17:40:18.0, 0.6, 34.5S, 174.79E, h11, h335km, 20km, M3.6/42, mb4.3/20, ML4.2/13, MLV4.4/42, Mw(mb)3.3/20, Error ellipse: s-maj=0.0km s-min=0.0km az=114.4, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waiomatatini S, HAZ Te Kaha, etc.

NOU 24 17:43:25.1, 15.47S, 168.24E, h1km, MLV4.4, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANVU Saraoutou, DVP Devils Point, KOUNC Koumac, etc.

ICC 24 17:44:52.5, 5.7, 7.45S, 127.83E, h111km, 54km, mb3.5/5, mb1.3/8.9, mb1mx3.5/28, mbtmp4.0/9, Error ellipse:

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s-maj=70.9km s-min=18.9km az=59.0, NEIC 24 17:44:57.2, 1.6, 7.6S, 0.1, 127.53E, 0.06, h160km, 9km, mb4.1/6, Error ellipse: s-maj=15.9km s-min=7.6km, az=159.0

ISC 24 17:44:56.5, 0.7, 7.85S, 0.07, 127.66E, 0.07, h150km, n29, c=243/32, mb3.8/5, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SAUI Suamlaki, SOEI Soe, BATI Baumata, etc.

ICC 24 18:16:01.9, 1.1, 1.46N, 127.18E, h0km, mb3.5/5, mb1.3/7.5, mb1mx3.4/45, mbtmp3.5/5, Error ellipse: s-maj=70.1km s-min=19.9km az=75.0

DJA 24 18:16:10.0, 0.6, 1.1N, 3.3E, 12.7E, h53km, 16km, M3.4/7, MLV3.4/7

ISC 24 18:16:07.1, 1.1, 1.5N, 0.1, 127.4E, 0.3, h35km, n7, c=874/6, mb3.6/5, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TANI Ternate, SNTI Sanana, WRA Warramunga Arr, etc.

ICC 24 18:29:46.1, 8.9, 31.49S, 180.00W, h289km, 97km, mb2.9/3, mb1.3/2.4, mb1mx3.0/26, mbtmp3.7/4, Error ellipse: s-maj=96.5km s-min=39.8km az=179.0

WEL 24 18:29:54.1, 0.9, 32.3S, 174.79E, h1, h243km, 21km, M4.0/17, mb4.5/9, MLV4.6/17, Mw(mb)3.6/9, Error ellipse: s-maj=0.0km s-min=0.0km az=109.2

ISC 24 18:29:50.5, 0.9, 31.54S, 0.08, 179.4E, 0.1, h300km, n63, c=162/66, mb3.0/3, Kermadec Islands region

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, QUZ Omahata, MXZ Matakaoa Point, etc.

Table with columns: QRZ, TUWZ, NNZ, STKA, ASAR, WRA, FINES. Includes stations like Quartz Range, Tuamarina, Nelson, Stephens Creek, etc.

ICC 24 18:31:21.3, 3.2, 39.18N, 175.68E, h0km, mb3.6/4, mb1.3/5.7, mb1mx3.2/57, mbtmp3.5/7, ML2.8/3, MS3.1/1, Ms1.3/1.1, ms1mx2.6/47, Error ellipse: s-maj=57.7km s-min=24.9km az=134.0

KRNET 24 18:31:23.2, 0.1, 39.30N, 175.62E, mb3.8, NINC 24 18:31:23.9, 2.4, 39.55N, 175.63E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=18.0km s-min=12.4km az=158.0

SOME 24 18:31:25.7, 39.73N, 175.43E, h0km, ISC 24 18:31:25.8, 1.5, 39.68N, 0.05, 175.55E, 0.03, h10km, n10km, n7.5, c1985/105, mb3.8/3, 28C-19D, Southern Xinjiang

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSH Kashi, KSH Alpne Springs, KSH comp=N,6um,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNDK Almaty, KNDK Kotyrbulak, KOTS Kotyrbulak, etc.

AUST 24 18:44:08.7z, 0.4, 23.75Sx143.34E, h10km, Error ellipse: s-maj=6.9km s-min=4.0km az=107.0

ADC 24 18:44:08.1z, 1.7, 23.71Sx143.18E, h0km, mb3.7/1, mb1.3/9.6, mb1mx3.6/28, mbtrmp3.8/6, ML3.7/5, Error ellipse: s-maj=23.2km s-min=17.2km az=142.0

ISC 24 18:44:07.4z, 0.7, 23.85Sx143.24E, 0.06, h10km, n17, 2540/25, Queensland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like QLP Oulipie, INKA Innaminka, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like QIS Stephens Creek, RMQ Roma, RMQ Mount Surprise, etc.

NOU 24 18:56:48.2, 35.89S, 179.21E, h299km, MLV4.2, Off E. Coast of N. Island, Az, WEL 24 18:56:58.4, 0.9, 36.5S, 177.8E, h209km, 10km, M3.5/26, MLV3.5/26, Error ellipse: s-maj=0.0km s-min=0.0km az=156.5, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, HAZ The Kaha, WMGZ Waioamatiti S, etc.

ADC 24 18:58:11.8z, 1.5, 60.55N, 151.32W, h61km, 23km, mb3.7/4, mb1.3/9.6, mb1mx3.4/51, mbtrmp4.0/8, ML3.7/4, MS3.5/1, Ms1.3/6.1, ms1mx2.6/45, Error ellipse: s-maj=2.7, 0km s-min=9.7km az=120.0

AEIC 24 18:58:14.0z, 1.4, 60.57N, 151.60W, 0.06, h70km, 5km, ML3.5/110, ML3.7/98(NEIC), Error ellipse: s-maj=4.5km s-min=3.9km az=84.0

ANF 24 18:58:13.6z, 0.3, 60.49N, 151.34W, h81km, 3km, ML3.8/13, Error ellipse: s-maj=4.4km s-min=2.4km az=113.0

NEIC 24 18:58:13.1z, 1.2, 60.54N, 151.55W, 0.04, h70km, 7km, KWH Kapiti Island, Error ellipse: s-maj=5.5km s-min=1.5km az=210.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAPN Captain Cook N, CAPN Incheonie, CAPN Captain Cook N.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like REF Redoubt East F, RSO Redoubt South, RMQ Redoubt Volcan, etc.

AU22 Augustine Moun, AU2 Augustine Isla, AU2 Augustine Lava, AUL Augustine Pinn, AUC Augustine Cone, PMR Palmer

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMR Port Wells, PMR Port Glacier, PMR Kaitiaki, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

24d 20h

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various radio stations.

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IGQ 24 20:39:31.0, 3.1, 1'N x 2' 7' W, h4km
RNSC 24 20:39:32.4, 3.9, 0.74N:77.95W, h0km, 9km, ML3.6, Mw4.6
IDC 24 20:39:35.0, 0.6, 0.93N:77.95W, h0km, mb4, 1/18,
mb1 4, 4/22, mb1mx4, 2/45, mbtmp4, 2/22, ML4.3, MS3, 8/14,
MS1 3, 8/14, ms1mx3, 6/35, Error ellipse: s-maj=21.3km
s-min=12.9km

NEIC 24 20:39:35.2, 2.0, 0.76N:0.08, 77.96W:0.10, h21km, 6km,
Error ellipse: s-maj=1.6km s-min=8.3km az=126.0
VAO 24 20:39:41.8, 0.9, 0.61N:77.22W, h10km, mb4.4
ISQ 24 20:39:34.1, 0.4, 0.71N:0.02, 78.04W:0.02, h10km, n184,
a179/190, mb4.4/28, MS3.8/10, 2C-1D,

Colombia-Ecuador border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual for stations in the Colombia-Ecuador border region.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various radio stations.

SOME 24 20:41:23.7, 39.00N:71.27E, h0km
KRNET 24 20:41:27.8, 0.1, 39.02N:69.83E, mb3.0
NINC 24 20:41:28.7, 4.9, 39.00N:69.61E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=43.4km s-min=23.5km az=1.0
ISC 24 20:41:33.6, 2.6, 39.02N:70.00E:0.09, h10km, n14,

24:25/21, 10C-9D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual for stations in Tajikistan.

Table with columns: AAK, Ala-Archa, 4.83 43 Pn, Pn, 20 42 47.8 +1.3, etc.

IDC 24 21:10:27.2.1.4, 9.64N, 122.79E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/32, mbtmp3.5/4, Error ellipse: s-maj=158.9km s-min=21.8km az=67.0

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

IDC 24 21:10:59.0.3.4, 13.99N, 91.46W, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.8/31, mbtmp3.6/8, ML3.0/1, MS3.3/3, Ms1 3.3/3, ms1mx2.9/32, Error ellipse: s-maj=123.5km s-min=25.2km az=34.0

NEIC 24 21:11:03.8.3.0, 13.74N, 109.91W, h1.76W, 0.10, h35km, 2km, mb4.2/15, Error ellipse: s-maj=19.3km s-min=9.8km az=230.0

GCG 24 21:11:08.0.5.4, 14.21N, 91.71W, h18km, 5km, MD4.0, ISC 24 21:11:02.8.1.0, 13.68N, 101.91W, h0.06, h37km, n44, r136/42, mb4.1/15, MSZ.2/3, Near coast of Guatemala

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

ISK 24 21:25:32.9, 38.88N, 26.22E, h12km, ML2.9/26, ATH 24 21:25:32.7, 38.95N, 26.26E, h44km, 3km, ML2.7/3, Error ellipse: s-maj=1.6km s-min=1.5km az=47.0

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

Table with columns: SIGR, SIGRI, 0.42 317 P, P, 21 25 42.7 -0.3, etc.

IDC 24 21:28:09.9.2.0, 16.60N, 86.08W, h0km, mb3.9/9, mb1 4.2/12, mb1mx4.0/31, mbtmp4.0/12, ML3.5/3, MS3.3/2, Ms1 3.3/2, ms1mx3.0/25, Error ellipse: s-maj=52.3km s-min=22.1km az=15.0

NEIC 24 21:28:12.1.1.6, 16.71N, 87.01W, h4km, MW2.2, mb4.2/23, Error ellipse: s-maj=11.1km s-min=9.6km az=50.0

INET 24 21:28:18.7, 12.68N, 87.01W, h4km, MW2.2, ISC 24 21:28:11.6, 0.7, 16.58N, 107.86E, 14W, 0.10, h10km, n55, r133/52, mb4.0/8, North of Honduras

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

Table with columns: 152A, comp=Z, 3.36nm, 1.4s, Iamb, Iamb, 21 32 10.0, etc.

NEIC 24 21:33:59.6.1.2, 21.53N, 109.143E, 0.2, h293km, 8km, mb3.9/15, Error ellipse: s-maj=24.2km s-min=11.9km az=73.0

IDC 24 21:34:00.0.1.9, 21.61N, 143.21E, h297km, 18km, mb3.1/14, mb1 3.3/16, mb1mx3.2/38, mbtmp3.8/16, Error ellipse: s-maj=22.2km s-min=11.8km az=89.0

ISC 24 21:33:59.9.0.7, 21.57N, 108.143E, 0.1, h300km, n39, r0862/41, mb3.5/19, Marian Islands region

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

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, SNR, and other technical details for stations near the coast of Guatemala.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, SNR, and other technical details for stations in the Pacific region.

ISC 24 23:31:17.6: 1.8, 43.46N; 105.54W, h0km, mb3.8/5, mb1 3.8/9, mb1mx3.6/39, mbrtp3.6/9, ML3.4/4, Error ellipse: s-maj=46.3km s-min=7.6km az=151.0

NOU 25 00:16:55.9: 35.93S; 179.14E, h285km, MLV4.3, Off E. Coast of N. Island, N.Z.

HEL 25 00:25:41.2: 67.87N; 20.08E, h0km, ML 1.7, Explosion

25d Oh

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

BUI 25 00:30:08.1±0.0, 7.73S:128.98E, h139km, mb4.9/19, mb4.6/35
IDC 25 00:30:09.9±1.3, 7.26S:129.14E, h128km±12km, mb4.1/17, mb1.4/22, mb1mx4.1/35, mbtmp4.5/22, MS3.2/5, MS1.3/2.5, ms1mx3.0/31, Error ellipse: s-maj=11.9km s-min=8.8km az=90.0
NOU 25 00:30:10.9, 7.35S:129.12E, h124km, mb5.0, Banda Sea
NEIC 25 00:30:11.9, 7.28S:129.00E, h1145km, g6km, mb4.8/63, Error ellipse: s-maj=10.4km s-min=9.9km az=214.0
DJA 25 00:30:12.6±0.2, 7.2S:121.9E, h145km±3km, M5.0/60, mb5.5/35, mb5.1/60, MLV5.4/13, Mw(mb)4.9/35
ISC 25 00:30:12.1±0.3, 7.35S:129.00E±0.04, h150km, n244, a1563/253, mb4.7/79, Banda Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, s, Res. Lists numerous stations like SAUI, BNDI, MSAI, etc.

2015 JAN

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, s, Res. Lists numerous stations like MTKI, QIS, PSA00, etc.

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Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, s, Res. Lists numerous stations like YATNC, QUENC, CM04, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like KSH, MK31, MKAR, etc.

ASRS 25 00:39:48.6;0.2,51°N;2°98'1.E;0.3,h5km,ML3.6/8, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like KNGR, TDJR, etc.

TIR 25 00:46:57.0,41°72'N;19°63'E,h46km,M2.5 PDG 25 00:46:57.9,0.2,41°76'N;19°57'E,h31km,ML2.3/13,Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like ULC, TIR, etc.

Table with columns: PDG, Podgorica, BCI, CEME, etc. and various station identifiers like Podgorica, Bajram Curri, etc.

ARE 25 01:40:03.2,9,10°24'S;0°10'75.3'W;0.1,h55km,6km, Error ellipse: s-maj=0.0km s-min=0.0km az=212.0

NEIC 25 01:40:09.6,1.4,10°31'S;0°07'37.0'W;0.0,h34km,3km, mb1=9.6km az=75.0

VAO 25 01:40:16.4,0.8,10°11'S;74°89'W,h66km,6km,mb4.7 ISC 25 01:40:11.0,0.4,10°40'S;0°05'75.3'W;0.0,h50km,n236,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like NNA, ATAH, etc.

Table with columns: RREF, PLMC, GUY2C, etc. and various station identifiers like El Recreo, San Jos del P, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB14, PB10, PB10, etc.

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

ISK 25 02:51:45.6, 38.81N, 44.47E, h5km, ML2.9/17
DDA 25 02:51:45.2, 38.80N, 44.58E, h11km, 2km, ML3.0
AZER 25 02:51:45.4, 1.1, 38.72N, 44.55E, h2km, m3.2/17, Error ellipse: s-maj=6.9km s-min=3.2km az=43.0

ISC 25 02:51:45.6, 1.2, 38.81N, 0.02, 44.56E, 0.02, h1km, 10km, n57, r1518/89, Turkey-Iran border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC01, AC01, AC01, etc.

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

VAO 25 03:10:03.2, 0.5, 14.15S, 74.21W, h10km, mb4.5
MLR 25 03:10:07.2, 8, 14.06S, 0.09, 74.6W, 0.1, h95km, 6km, s-min=11.0km az=58.0

NEIC 25 03:10:07.5, 2.1, 14.14S, 0.10, 74.6W, 0.1, h94km, 9km, Error ellipse: s-maj=19.6km s-min=11.2km az=56.0

ICD 25 03:10:09.4, 0.8, 14.12S, 74.48W, h102km, 7km, mb3.7/10, mb1.3/9.16, mb1mx3.8/3.1, mbtmp4.1/16, MS2.9/2, m1.2/9.2, m1mx2.6/30, Error ellipse: s-maj=20.6km s-min=11.9km az=50.0

ISC 25 03:10:08.6, 0.5, 14.15S, 0.06, 74.43W, 0.07, h98km, n109, r183/112, mb4.1/14, Central Peru

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AP01, PB16, PB16, etc.

IDC 25 03:10:53.0, 4.8, 5.24S, 137.81E, h0km, mb3.9/1, mb1.3/9.3, mb1mx3.5/17, mbtmp3.7/3, ML3.7/2, Error ellipse: s-maj=121.9km s-min=34.5km az=110.0, Near south coast of Irian Jaya

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

RSNC 25 03:12:51.8, 0.8, 8.86N, 77.98W, h66km, 8km, ML2.0, 1D, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UPD2, UPD2, UPD2, etc.

JMA 25 03:27:31.9, 0.5, 24.93N, 122.50E, h37km, M2.1
TAP 25 03:27:32.1, 24.88N, 122.42E, h20km, 1km, ML2.6, D
ISC 25 03:27:31.6, 1.1, 24.89N, 0.05, 122.46E, 0.03, h24km, 12km, n22, r0515/1, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1, TWB1, TWB1, etc.

IDC 25 03:00:15.5, 1.0, 24.11S, 69.49W, h81km, 7km, mb3.5/4, mb1.3/7.4, mb1mx3.4/24, mbtmp3.8/4, Error ellipse: s-maj=30.7km s-min=10.2km az=106.0

GUC 25 03:00:15.4, 0.8, 24.07S, 69.58W, h87km, 5km, ML3.6

ISC 25 03:00:15.0, 0.7, 24.06S, 0.03, 69.57W, 0.06, h83km, 6km, n22, r1509/33, mb3.9/4, 8C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station PB14.

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

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

IDC 25 04:45:39.0, 7.2, 0.72N; 29:76W, h0km, mb4.0/14, mb1.4/2.15, mb1mx4.0/49, mbtmp4.0/15, ML4.4/1, MS3.7/11, Ms1.3/7.11, ms1mx3.5/27, Error ellipse: s-maj=25.9km s-min=14.8km az=149.0
 NEIC 25 04:45:40.7, 1.2, 0.62N; 0:08:29:67W, 0.10, h10km, 1km, mb4.3/18, Error ellipse: s-maj=21.2km s-min=4.1km az=129.0

ISC 25 04:45:40.8, 0.5, 0.68N; 0:08:29:77W, 0.07, h10km, n70, o192N/54, mb4.1/21, MS3.7/10, Central Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
RCBR	Riachuelo	8.90	223	Op	Pn	04 47 49.1	-0.6
RCBR	Riachuelo	3.9nm, 0.3s, baz=228, slow=23, SNR=39					
RCBR	Riachuelo	0.9nm, 0.3s, baz=152, slow=23, SNR=1.2				04 49 24.2	-5.9
RCBR	Riachuelo	comp=2.454nm, 18.5s, baz=319, slow=34				04 50 42.3	
RCBR	Riachuelo	8.90	223	Op	Pn	04 47 49.7	0.0
RCBR	Riachuelo	8.90	223	eP	Pn	04 47 49.5	-0.2
NBRF	Rio Formoso -	10.72	210	eP	Pn	04 48 14.7	+0.1
NBMO	Morinhos-CE	11.00	249	eP	Pn	04 48 16.6	-1.9
ROSB	Rosrio	14.78	256	eP	Pn	04 49 05.5	-0.6
SACV	Santiago Islan	15.45	23	Pn		04 49 16.7	-2.4
GDUI1	Guadalupe	17.29	214	eP	Pn	04 49 24.4	0.0
H10N3	ASCENSION HYDR12.42 119	T	T			05 07 49.5	
H10N2	ASCENSION HYDR17.43 119	T	T			05 07 50.0	
H10N1	ASCENSION HYDR17.44 119	T	T			05 07 51.1	
H10S3	ASCENSION HYDR17.83 123	T	T			05 08 21.1	
H10S2	ASCENSION HYDR17.85 123	T	T			05 08 22.4	
TMBO	Tom-Au,PA,Br	18.57	261	eP	Pn	04 49 59.1	+0.7
MBO	M'bour	18.61	42	eP	Pn	04 49 56.2	-2.3
SMTB	Santa Maria do	20.12	244	eP	Pn	04 50 15.9	+0.7
NANO1	Guarapani, ES	21.04	263	eP	Pn	04 50 26.3	+1.7
PRPB	Parauebas	21.14	251	eP	Pn	04 50 26.3	+0.2
JANB	Januaría	21.24	222	eP	Pn	04 50 27.8	+0.5
MDP	Montagnes des	23.25	281	LR	LR	04 59 05.6	
BDFB	Brasilia	24.25	227	eP	Iamb	04 50 58.1	-0.3
BDFB	Brasilia	3.7nm, 0.8s, baz=60, slow=8.0, SNR=7.9				04 59 32.7	
BDFB	Brasilia	comp=Z, 1.58nm, 20.1s, baz=105, slow=34				04 50 59.9	
BDFB	Brasilia	24.25	227	Iamb	Iamb	04 50 59.9	
LIC	Lamto	25.30	77	eP	Pn	04 51 09.0	+1.2
TIC	Toumoudi	25.39	76	eP	Pn	04 51 11.4	+2.7
DBIC	Dimbokro	25.55	76	eP	Pn	04 51 09.9	-0.3
DBIC	Dimbokro	comp=Z, 1.0nm, 0.8s, baz=250, slow=12, SNR=8.2				04 51 09.9	-0.3
KIC	Kosan Boka	25.60	77	eP	Pn	04 51 11.3	+0.7
ITTB	Itaituba	26.42	259	eP	Pn	04 51 18.8	+0.7
NPGB	Novo Progresso	26.66	233	eP	Pn	04 51 21.2	+1.0
ARAG	Araguaiana, MT	27.19	232	eP	Pn	04 51 25.7	+0.8
SHEL	Horse Pasture	28.91	126	P		04 51 39.1	-1.3
KOWA	Kowa	28.93	60	P		04 51 40.9	+0.4
KOWA	Kowa	comp=Z, 1.6nm, 0.8s, baz=214, slow=3.6, SNR=4.0				05 01 52.5	
KOWA	Kowa	28.93	60	Iamb	Iamb	04 51 55.0	
PCMB	Pacaembu	30.01	222	eP	Pn	04 51 55.2	+0.7
AQDB	Aquidauana	32.96	229	eP	Pn	04 52 17.2	+1.2
TORD	Torodi Ar. Bea	33.54	67	P		04 52 20.0	-1.2
TORD	Torodi Ar. Bea	comp=Z, 1.1nm, 0.7s, baz=244, slow=9.0, SNR=4.2				05 03 37.2	
TORD	Torodi Ar. Bea	33.54	67	Iamb	Iamb	04 52 24.8	
H05S1	Guadeloupe/Mar	33.62	295	T	T	05 27 33.2	
H05N1	Guadeloupe/Mar	34.53	298	T	T	05 28 34.3	
SAML	Samuel	34.63	253	P		04 52 31.4	+0.8
SAML	Samuel	comp=Z, 3.6nm, 0.9s				04 52 32.9	-1.1
CPUP	Villa Florida	37.78	223	LR	LR	04 52 57.8	+0.4
CPUP	Villa Florida	comp=Z, 2.0nm, 0.8s, baz=44, slow=9.0, SNR=5.8				05 08 15.0	
CPUP	Villa Florida	37.78	223	Iamb	Iamb	04 52 60.0	
SDV	Santo Domingo	41.49	283	P		04 53 29.6	+0.9
SDV	Santo Domingo	comp=Z, 2.8nm, 0.9s				04 53 29.6	+0.9
SDV	Santo Domingo	41.49	283	eP	Pn	04 53 29.2	+0.5
SDV	Santo Domingo	comp=Z, 1.9nm, 0.5s, baz=306, slow=14, SNR=3.7				04 53 44.9	
SDV	Santo Domingo	41.49	283	Iamb	Iamb	04 53 29.4	+0.6
SDV	Santo Domingo	41.49	283	P		04 53 44.6	0.0
SDV	Santo Domingo	41.49	283	Iamb	Iamb	04 53 48.0	0.0
SDV	Santo Domingo	comp=Z, 4.2nm, 1.2s				04 53 48.0	0.0
CZSB	Cruzeiro do Su	43.62	258	eP	Pn	04 53 46.6	+0.7
PB15	IPOC Station P	45.31	236	P		04 53 59.3	-0.2
PB15	IPOC Station P	comp=Z, 8.5nm, 1.0s				04 54 00.6	
ESDC	Sonsecá Array	45.39	28	P		04 53 59.8	+0.1
GO02	Mina Guanaco	46.29	233	P		04 54 08.0	+0.6
KEST	Kesra	50.35	92	LR	LR	05 15 16.8	
MLR	Muntele Rosu	50.48	116	P		04 54 40.0	+0.4
MLR	Muntele Rosu	comp=Z, 1.29nm, 20.7s, baz=392, slow=35				04 54 43.0	
TSUM	Lajitas Array	55.41	217	LR	LR	05 20 34.1	
PLCA	Paso Flores	55.41	217	LR	LR	05 20 34.1	
BIRD	Birdtown, Kers	58.07	311	P		04 55 36.1	+1.6
BOSA	Boshof	60.11	124	P		04 55 49.8	+0.8
BOSA	Boshof	comp=Z, 5.7nm, 1.0s, baz=320, slow=3.9, SNR=6.1				05 18 00.9	
GERES	GERESS Array B	60.78	31	P		04 55 52.6	-0.5
GERES	GERESS Array B	comp=Z, 0.8nm, 0.8s, baz=225, slow=5.5, SNR=6.9				04 56 12.1	-0.2
PSZ	Piszkesteto	63.64	95	P		04 56 27.2	-1.5
MLR	Muntele Rosu	66.14	39	Iamb	Iamb	04 56 41.1	
MLR	Muntele Rosu	comp=Z, 2.0nm, 1.0s, baz=177, slow=16, SNR=3.2				04 56 41.1	
NOA	NORSAR Array B	67.81	20	LR	LR	05 23 42.5	
NOA	NORSAR Array B	comp=Z, 5.2nm, 18.5s, baz=315, slow=34				05 23 42.5	
BRTR	Keekin Array B	69.35	47	P		04 56 49.4	+0.3
BRTR	Keekin Array B	comp=Z, 0.6nm, 0.9s, baz=260, slow=5.0, SNR=2.7				04 56 55.0	+0.3
AKASO	Main Array Be	70.33	95	P		04 56 55.0	+0.3
AKASO	Main Array Be	comp=Z, 1.2nm, 0.7s, baz=142, slow=6.9, SNR=3.0				05 24 18.0	
ULM	Lac du Bonnet	74.39	322	LR	LR	05 24 18.0	
ULM	Lac du Bonnet	comp=Z, 5.1nm, 19.1s, baz=63, slow=31				04 57 27.4	+0.6
TXAR	Lajitas Array	75.65	300	P		04 57 27.4	+0.6
TXAR	Lajitas Array	comp=Z, 0.8nm, 1.0s, baz=112, slow=7.1, SNR=3.4				04 57 27.4	+0.6
TXAR	Lajitas Array	75.65	300	P		04 57 28.0	+1.2
PDAR	Pinedale Array	82.04	313	P		04 58 01.4	-0.5
PDAR	Pinedale Array	comp=Z, 0.1nm, 0.4s, baz=83, slow=2.8, SNR=2.7				04 58 02.3	+0.4
YKA	Yellowknife Array	87.01	332	P		04 58 25.9	-0.3
YKA	Yellowknife Array	comp=Z, 0.2nm, 1.0s, baz=84, slow=5.9, SNR=1.5				04 58 25.9	-0.3

IDC 25 05:04:59.5, 1.2, 10.73N; 40:88W, h0km, mb3.9/9, mb1.4/1.10, mb1mx3.8/41, mbtmp3.9/10, ML4.2/1, MS3.3/6, Ms1.3/3.6, ms1mx3.1/28, Error ellipse: s-maj=39.1km s-min=21.3km az=14.0

ISC 25 05:41:01.1, 4.0, 7.10N; 0:20:49W, 0.1, h10km, n22, o053/14, mb4.0/9, MS3.2/5, Northern Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
MDP	Montagnes des	12.92	245	Pn	Pn	05 44 04.8	-0.2
MDP	Montagnes des	1.3nm, 0.3s, baz=60, slow=12, SNR=24				05 48 07.5	
MDP	Montagnes des	12.92	245	LR	LR	05 48 07.5	
MDP	Montagnes des	comp=Z, 8.7nm, 21.7s, baz=130, slow=33				05 53 31.2	
SGJ	San Juan	25.54	290	LR	LR	05 54 18.7	
SGJ	San Juan	comp=Z, 8.1nm, 21.3s, baz=62, slow=31				05 54 18.7	
H10N3	ASCENSION HYDR32.07 124	T	T			06 21 04.3	
H10N2	ASCENSION HYDR32.08 124	T	T			06 21 04.3	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
H10N1	ASCENSION HYDR32.09 124	T	T			06 21 04.3	
H10N1	ASCENSION HYDR32.09 124	T	T			06 21 04.3	
ROSC	El Rosal	33.63	263	LR	LR	06 01 47.6	
ROSC	El Rosal	comp=Z, 2.3nm, 18.3s, baz=57, slow=37				06 04 00.6	-0.5
DBIC	Dimbokro	35.81	93	P		06 05 29.3	
CPUP	Villa Florida	40.15	203	LR	LR	06 05 29.3	
CPUP	Villa Florida	comp=Z, 3.5nm, 19.4s, baz=88, slow=37				06 05 29.3	
TORD	Torodi Ar. Bea	41.68	82	P		05 48 50.1	-0.2
TORD	Torodi Ar. Bea	comp=Z, 2.5nm, 0.8s, baz=279, slow=8.0, SNR=7.2				05 51 16.6	+0.2
TXAR	Lajitas Array	61.16	298	P		05 51 16.6	+0.2
TXAR	Lajitas Array	comp=Z, 0.7s, baz=104, slow=7.5, SNR=2.2				06 05 41.0	+0.1
TSUM	Tsumetaba	64.82	117	P		06 05 41.0	+0.1
TSUM	Tsumetaba	comp=Z, 1.3nm, 0.5s, baz=315, slow=7.5, SNR=4.1				06 17 58.1	
PDAR	Pinedale Array	67.17	312	LR	LR	06 17 58.1	
PDAR	Pinedale Array	comp=Z, 3.7nm, 21.0s, baz=43, slow=33				05 52 08.2	+0.2
AKASO	Main Array Be	69.19	40	P		05 52 08.2	+0.2
AKASO	Main Array Be	comp=Z, 0.4nm, 0.6s, baz=258, slow=5.6, SNR=3.1				05 52 11.2	+0.3
FINES	FINESS Array B	69.70	28	P		05 52 11.2	+0.3
FINES	FINESS Array B	comp=Z, 1.6nm, 0.6s, baz=257, slow=7.6, SNR=8.1				05 52 21.9	+0.3
BRTR	Keekin Array B	71.33	52	P		05 52 21.9	+0.3
BRTR	Keekin Array B	comp=Z, 0.3nm, 0.7s, baz=248, slow=2.8, SNR=2.1				05 52 30.0	-0.8
YKA	Yellowknife Ar	73.06	332	P		05 52 30.0	-0.8
YKA	Yellowknife Ar	comp=Z, 0.4nm, 0.6s, baz=100, slow=6.5, SNR=16				05 53 33.3	+1.3
VNA1	Neumayer-Stat	84.16	170	P		05 53 33.6	+0.1
VNA2	Neumayer Olymp	84.43	170	P		05 53 33.6	+0.1
VNA3	Neumayer-Watz	84.50	170	P		05 53 33.6	+0.1
VNA3	Neumayer-Watz	comp=Z, 3.0s, slow=6.8				05 53 33.6	+0.1
SNA4	Sanae	86.00	169	P		05 53 41.2	-0.2
ILAR	Eielson Array	87.09	336	P		05 53 47.2	+0.2
ILAR	Eielson Array	comp=Z, 1.1nm, 1.0s, baz=63, slow=4.2, SNR=2.4				05	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KIV Kislovodsk, FIA1 FINESS Array S, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BRRC comp=Z,147nm,0.1s, RUSC La Rusia, RUSC RUSC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TUL1 baz=281, KAN12 Harper NE Stat, U32A Water Ranch, etc.

TEH 25 07:25:22.0,30°59'N-52°90'E,h8km,ML3.5
THR 25 07:25:25.7,0.3,30°67'N-52°98'E,h18km,2km,ML3.3
ISC 25 07:25:23.7,0.9,30°59'N-0°04'52.83E±0.04,h10km,n28,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SHI Shiraz, KLNJ Kolanjah, IRAM Ramesheh, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ANIL Santa Ana, MOTC Monteria, CBOC Ciudad Bolivar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like P40A Paris, PBMO Poplar Bluff, L34A Svendsen Farm, etc.

IDC 25 07:28:47.9,2.4,5°33'N-72°55'W,h162km,10km,mb2.6/1,
mb1.3/0.3,mb1mx2.8/4.3,mbtp3.3/3,MS2.9/1,Ms1.2/9/1,
ms1mx2.2/8,Error ellipse: s-maj=72.6km s-min=8.6km
az=135.0

R5NC 25 07:28:51.7,0.9,6°58'N-73°42'W,h123km,3km,ML2.9,
Mw3.3
ISC 25 07:28:50.6,1.0,6°61'N-0°03'73.42W±0.03,h130km±6km,
n34,±158°/64,4C-3D,Northern Colombia

TUL 25 07:29:34.2,0.9,36°13'N±0.01,97°28'W±0.01,h5km,7km,
ML3.1,mb_Lg3.2/71(NEIC),Error ellipse: s-maj=2.0km
s-min=1.2km az=136.0

NEIC 25 07:29:34.2,0.9,36°14'N±0.007,97°28'W±0.02,h5km,7km,
Error ellipse: s-maj=2.6km s-min=1.1km az=94.0

IDC 25 07:39:2.3,3.6,63°N-97°8'W,h0km,mb2.9/1,
mb1.3/4.4,mb1mx3.2/6.2,mbtp3.1/4,ML2.1/3,Error
ellipse: s-maj=42.8km s-min=14.7km az=106.0

ISC 25 07:29:34.2,0.8,36°13'N±0.03,97°29'W±0.03,h10km,n72,
±064/48, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OK029 Liberty Lake, OK031 S. Brethren Rd, etc.

SJA 25 07:36:26.0,0.6,21°20'S±68°85'W,h135km±3km,ML4.0,
MW3.9

NEIC 25 07:36:26.7,3.5,21°16'S±0°04'68°78'W±0.09,h119km±6km,
E-7.0,Error ellipse: s-maj=12.8km s-min=6.2km az=97.0

IDC 25 07:36:26.6,1.3,21°16'S±68°51'W,h111km±1km,mb4.0/6,
mb1.4/0.8,mb1mx3.6/4.0,mbtp3.4/3.8,MS2.7/2,Ms1.2/7/2,
ms1mx2.6/2.0,Error ellipse: s-maj=31.1km s-min=12.7km
az=123.0

GUC 25 07:36:27.5,0.7,21°19'S±68°75'W,h124km±4km,ML4.3
VAO 25 07:36:27.5,0.5,21°06'S±68°64'W,h118km±6km,mb4.4
ISC 25 07:36:26.8,0.6,21°18'S±0°03'68°80'W±0.04,h127km±6km,
n117,±133°/146,mb4.3/7,12C-1D,Chile-Bolivia border
region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, etc.

25d 7h

Table with columns: ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like IPOC Station P, PSCG Pisagua, and various other broadcast identifiers.

2015 JAN

Table with columns: ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Novo Progresso, Paso Flores, and various other broadcast identifiers.

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Table with columns: ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like YER Yerkesik, AKAS Kas, and various other broadcast identifiers.

Table with columns: BRTR, Keskinn Array B, 76.88 308 P, 08 36 23.9 +0.5, etc. Lists various astronomical observations with station names, coordinates, and magnitudes.

Table with columns: KHC, WERD, GUNZ, etc. Lists astronomical observations with station names, coordinates, and magnitudes.

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

IDC 25 08:26:23.4 1.3, 13:68N:91:59W, h0km, mb4.0/9, mb1.4, 3/11, mb1mx4.0/37, mbtmp4.0/11, ML3.6/2, MS3.5/3,

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EI Rosal, ROSC, RREF, PLMC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DBIC, P43A, TUC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NBG, CEVE, CEDA, etc.

Technical notes and coordinates for stations, including: IDC 25 09:11.1.1.6, 1.3, 1.03N; 126.27E, h0km, mb5.4/44, mb1 5.3/49, mb1mx3.5/7, mbtmp3.9/12, ML3.6/3, MS3.2/2, MS1 3.2/2, ms1mx2.8/38, Error ellipse: s-maj=48.7km s-min=8.3km az=75.0

JGF	comp=Z,48nm,0.8s	IAMB	IAMB	09 27 54.8					
STKA	Stevens Creek baz=36,SNR=133	35.87 158	P	P	09 27 52.4	-1.2			
STKA	Stevens Creek comp=Z,58nm,0.7s,baz=328,slow=8.9,SNR=90	35.87 158	P	P	09 27 52.4	-1.2			
STKA	Stevens Creek	35.87 158	P	P	09 27 51.5	-2.1			
STKA	comp=Z,14nm,0.9s								
TIA	Stevens Creek	35.87 158	P	P	09 27 51.5	-2.1			
TIA	Taian	35.94 347	P	P	09 27 53.5	+0.5			
TIA			S	S	09 33 30.8	+0.7			
TIA	comp=Z,22nm,1.4s								
TIA	comp=Z,310nm,28.4s								
TIA	comp=Z,490nm,21.6s								
TIA	comp=Z,440nm,21.6s								
KSAR	Wonju Array Be	36.16 2	P	P	09 27 53.2	-2.7			
KSAR	Wonju Array Be	36.16 2	P	P	09 27 53.2	-2.7			
KSRS	Korea Array	36.17 2	P	P	09 27 57.2	+1.2			
KSRS	comp=Z,16nm,0.8s,baz=180,slow=9.5,SNR=28								
KSRS			PcP	PcP	09 30 22.7	+1.5			
KS19	Wonju Array Si	36.22 2	P	P	09 27 55.0	-1.4			
HTT	Hallett	36.37 162	P	P	09 27 57.0	-0.8			
CD2	Chengdu	36.54 326	P	P	09 27 58.5	-0.8			
CD2			sP	pwP	09 28 11.8	+0.3			
CD2			S	S	09 33 44.5	+5.0			
CD2			sS	sS	09 34 00.0	+4.6			
CD2	comp=Z,290nm,1.1s								
CD2	comp=Z,450nm,4.9s								
CD2	comp=Z,1um,19.4s								
CD2	comp=Z,1um,19.4s								
CD2	comp=Z,2um,19.4s								
XAN	Xi'an	36.57 335	P	P	09 27 58.3	-1.3			
XAN			pP	pP	09 28 07.3	-2.0			
XAN			S	S	09 33 39.5	-0.5			
XAN			PcS	PcS	09 34 12.5	+2.0			
XAN	comp=Z,70nm,1.1s								
XAN	comp=Z,600nm,26.0s								
XAN	comp=Z,380nm,23.9s								
XAN	comp=Z,740nm,22.8s								
MAJO	Matsushiro	36.91 16	dI	P	09 28 02.3	-0.1			
MAJO									
MAJO	comp=Z,63nm,0.9s								
MAJO	Matsushiro	36.91 16	P	IAMB	09 28 01.6	-0.7			
MAT	Matsushiro	36.91 16	P	S	09 28 01.9	-0.5			
MAT	Matsushiro	36.91 16	S	S	09 33 44.4	-0.6			
MJAR	Matsushiro Arr	36.91 16	P	P	09 28 02.2	-0.2			
MJAR	comp=Z,74nm,0.9s,baz=184,slow=9.2,SNR=118								
MJAR			PcP	PcP	09 30 24.7	+1.3			
MJAR	comp=Z,7.8nm,0.8s,baz=175,slow=3.1,SNR=53								
MJAR	Matsushiro Arr	36.91 16	P	P	09 28 01.7	-0.7			
MJAR									
MJAR	Matsushiro Arr	36.91 16	P	P	09 28 01.7	-0.7			
JYT	Yasato	37.21 19	P	IAMB	09 28 02.9	-2.0			
JYT					09 28 06.3				
CMSA	Cobar Meteorol	37.32 152	P	P	09 28 05.6	-0.3			
DL2	Dalian	37.84 354	P	S	09 28 11.0	+0.8			
DL2			S	S	09 34 01.5	+2.5			
DL2	comp=Z,200nm,1.1s								
DL2	comp=Z,170nm,4.1s								
DL2	comp=Z,390nm,16.5s								
DL2	comp=Z,580nm,17.3s								
DL2	comp=Z,610nm,24.0s								
JSD	Sado	38.33 15	P	P	09 28 13.7	-0.6			
TIY	Taiyuan	38.59 342	P	P	09 28 16.8	+0.2			
SAIH	SAIHA	38.75 306	eP	IAMB	09 28 16.9	-1.4			
JMM	Murumori	38.90 18	P	P	09 28 20.0	+0.9			
IMP	Impal	39.17 310	P	P	09 28 20.6	-1.0			
KOHI	KOHIMA	39.52 311	eP	IAMB	09 28 22.7	-2.0			
KOHI					09 28 26.1				
MOKO	MOKOCHONG	39.55 312	eP	IAMB	09 28 23.9	-1.0			
MOKO					09 28 27.0				
ARMA	Armidale	39.56 145	P	P	09 28 24.4	-0.5			
ARMA	Armidale	39.56 145	P	P	09 28 25.0	+0.2			
BJT	Baijiatatau	39.80 348	P	P	09 28 26.1	-0.5			
BJT	Baijiatatau	39.80 348	P	P	09 28 26.1	-0.5			
BJI	Beijing	39.82 348	S	S	09 34 29.5	+0.8			
BJI									
BJI	comp=Z,29nm,0.9s								
BJI	comp=Z,270nm,25.5s								
ARPS	Mount Arapiles	40.37 161	P	P	09 28 31.0	-0.3			
LZH	Lanzhou	40.56 332	P	P	09 28 33.3	+0.1			
LZH			sP	pwP	09 28 46.0	+0.6			
LZH			S	S	09 30 07.0	0.0			
LZH			sS	sS	09 34 55.0	-1.3			
LZH	comp=Z,77nm,1.3s								
LZH	comp=Z,260nm,5.5s								
LZH	comp=Z,670nm,17.9s								
LZH	comp=Z,830nm,16.3s								
LZH	comp=Z,740nm,16.8s								
SNY	Shenyang	40.59 357	P	S	09 28 34.0	+0.9			
SNY			S	S	09 34 40.0	-0.2			
SNY	comp=Z,120nm,1.0s								
SNY	comp=Z,340nm,16.8s								
SNY	comp=Z,220nm,22.5s								
SNY	comp=Z,590nm,21.3s								
YNG	Young	40.88 152	P	P	09 28 35.5	-0.1			
TEZP	TEZPUR	40.99 311	eP	IAMB	09 28 34.7	-1.9			
TEZP					09 28 37.0				
SHL	Shillong	41.15 309	eP	IAMB	09 28 36.8	-1.4			
SHL					09 28 39.8				
MGCD	Mangrove Creek	41.38 148	P	P	09 28 40.2	+0.4			
MSHR	Mys Shutsa	41.49 51	eP	P	09 28 39.9	-0.6			
MSHR									
GUWA	GUWAHATI	41.62 310	eP	IAMB	09 28 40.2	-1.6			
GUWA					09 28 45.2				
JTM	Tenmabayashi	41.67 17	P	P	09 28 42.2	+0.2			
HHC	Hu-ho-hao-te	41.74 343	eP	S	09 28 42.5	-0.2			
HHC					09 34 56.8	-0.9			
HHC	comp=Z,21nm,1.2s								
HHC	comp=Z,220nm,6.6s								

HHC	comp=Z,400nm,17.9s								
HHC	comp=Z,430nm,19.0s								
HHC	comp=Z,590nm,18.0s								
BTO	Baotou	41.99 341	eP	S	09 28 46.0	+1.2			
BTO			S	S	09 34 59.5	-1.8			
CAN	Canberra	42.00 152	P	P	09 28 45.3	+0.5			
CAN	comp=Z,40nm,1.0s								
CAN	Canberra	42.00 152	P	P	09 28 45.3	+0.5			
CAN	Canberra Magne	42.16 152	P	P	09 28 46.1	-0.1			
TOO	Toolangi	42.39 157	P	P	09 28 48.6	+0.6			
KOUNC	Koumang, New Ca	42.95 122	P	P	09 28 52.4	-0.3			
USA0B	Ussuriysk Arra	43.18 6	P	P	09 28 55.9	+1.7			
USA0B									
USA0B	comp=Z,145nm,1.2s								
USA0B	Ussuriysk Arra	43.18 6	P	IAMB	09 28 55.9	+1.7			
USA0B					09 28 57.3				
USRK	Ussuriysk Ar	43.18 6	P	P	09 28 55.3	+1.1			
USRK	comp=Z,90nm,0.9s,baz=181,slow=7.3,SNR=85								
USRK	Ussuriysk Ar	43.18 6	P	P	09 28 54.7	+0.5			
MDJ	Mudanjiang	43.40 3	P	P	09 28 57.3	+1.3			
MDJ			pP	pP	09 29 05.8	-0.1			
MDJ			sP	sP	09 29 09.8	-0.4			
MDJ			S	S	09 35 21.3	-0.4			
MDJ	comp=Z,240nm,1.0s								
MDJ	comp=Z,420nm,4.4s								
MDJ	comp=Z,430nm,24.2s								
MDJ	comp=Z,380nm,22.1s								
MDJ	comp=Z,590nm,24.2s								
MDJ	Mudanjiang	43.40 3	P	P	09 28 56.8	+0.8			
ERM	Ermo	43.43 18	eP	P	09 28 56.0	-0.2			
ERM									
ERM	comp=Z,26nm,0.8s								
ERM	Ermo	43.43 18	P	P	09 28 56.3	+0.1			
SANVU	Saraoutou	43.62 114	P	IAMB	09 28 57.4	-0.8			
SANVU					09 29 12.8				
SANVU	comp=Z,53nm,0.8s								
SANVU	Saraoutou	43.62 114	P	P	09 28 58.1	-0.1			
JEW	Eniwo	43.68 16	P	IAMB	09 28 59.2	+0.9			
JEW					09 29 11.8				
LSA	Lhasa	43.90 314	P	P	09 29 00.6	-0.2			
LSA									
LSA	comp=Z,51nm,0.9s								
LSA	Lhasa	43.90 314	P	IAMB	09 29 00.6	-0.2			
LSA					09 29 02.3				
TEY	Ternei	44.65 10	P	P	09 29 07.6	+1.6			
TEY									
TEY	comp=Z,80nm,0.8s								
TEY	comp=Z,140nm,0.8s								
GTA	Gaotai	45.14 331	P	P	09 29 09.5	-0.7			
GTA			pP	pP	09 29 19.5	-0.7			
GTA			sP	sP	09 29 23.5	-0.8			
GTA			PcP	PcP	09 30 51.0	+0.7			
GTA			S	S	09 34 41.0	+0.6			
GTA			PcS	PcS	09 34 43.1	+1.2			
GTA			S	S	09 35 47.5	+0.1			
GTA	comp=Z,23nm,1.2s								
GTA	comp=Z,170nm,7.2s								
GTA	comp=Z,430nm,18.7s								
GTA	comp=Z,620nm,20.6s								
GTA	comp=Z,850nm,19.7s								
ASAJ	Asahikawa	45.18 17	P	P	09 29 12.2	+1.9			
ASAJ	comp=Z,95nm,0.9s,baz=233,slow=9.9,SNR=64								
ASAJ					09 48 10.1				
ASAJ	Asahikawa	45.18 17	P	P	09 29 11.3	+1.1			
ASAJ									
JKA	Kamikawa-asahi	45.18 17	P	IAMB	09 29 11.3	+1.0			
JKA					09 29 13.7				
DVP	Devils Point	45.26 116	P	P	09 29 13.6	+2.3			
TAPN	Taplejung	45.28 309	eP	P	09 29 11.0	-0.7			
ODAN	Odare	45.30 3							

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDM Murphy Dome, WRH Wood River Hill, COLA College, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Malin Array Be, AKASG Malin Array B, AKASG Malin Array S, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRU Pruhonice, BRG Berggiesshubel, BRG comp=Z,7.5nm,1.1s, etc.

Table with columns: ID, Name, Az, El, 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 Curacav, Peldehue, San Esteban, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like TAVA, TAVA, GOLH, GOLH, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like X37A Clayton, X37A, HHAR Hobbs, etc.

ATH 25 09:30:32.1, 35.51N-27.36E, h33km, 2km, ML2.8/1 Error ellipse: s-maj=6.7km s-min=1.8km az=327.0

THE 25 09:30:32.1, 35.82N-27.17E, h0km, 1km, ML2.8/3 Error ellipse: s-maj=2.7km s-min=1.0km az=316.0

DDA 25 09:30:33.3, 35.62N-27.87E, h7km, 6km, ML2.6 n19, r162/32, Dodecanese Island, 0.05, h29km, gkms

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like KARP Karpathos, KARP, KARP, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like KAN13 South Haven SW, KAN13, KAN01 Argonia South, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Z38A Mt. Pleasant, Z38A, Z38A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like MSTX, T42A, Z41A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like 735A, Y22D, JFWS, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like AML, UCH, TRKS, etc.

KRNET 25 09:52:39.6:0.1,39:51N:73:46E, h14km, mb3.1
IDC 25 09:52:40.7:2.3,39:54N:73:59E, h0km, mb3.7/3,
mb1 3.6/5, mb1mx3.3/49, mbmtb3.5/5, ML2.8/2, Error
ellipse: s-maj=41.3km s-min=23.4km az=130.0
SOME 25 09:52:40.9,39:70N:73:68E, h0km
NNC 25 09:52:45.2:1.4,39:71N:73:72E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=10.5km s-min=6.2km az=175.0
ISC 25 09:52:39.3:1.1,39:59N:0:06E,73:64E, h10km, b5d,
q1966/87, mb3.6/3,24C-20D, Tajikistan-Xinjiang border
region

ISC 25 10:16:41.9,0.8,6.08S;0.09;147.5E;0.1,h77km,n29, s106/31,mb4.0/G, Eastern New Guinea region

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

IDC 25 10:24:45.0,1.4,4.53N;122.37E,h0km,mb3.7/4, mb1.3/8,mb1mx3.5/32,mbtmp3.7/4,MS4.0/2,Ms1.4/0.2, ms1mx2.9/50, Error ellipse: s-maj=206.8km s-min=2.15km az=83.0, Celebes Sea

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

MAN 25 10:34:21.1,9.91N;123.91E,h15km,mb4.3,ML3.1,MS2.8, 1D,Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Lapu-Lapu, Maasin, Candoni, Negros, etc.

BUI 25 10:36:06.2,0.0,0.10S;127.07E,h74km,mb5.0/16, mb4.6/24,Ms4.7/6,MS7.4/4, DJA 25 10:36:12.4,0.2,1.1,3.3;127.7E,h59km,mb4,Ms4.6/14, mb5.1/8,mb4.9/14,ML4.6/12,MW(MB)4.5/8

NEIC 25 10:36:12.4,1.5,0.51N;0.08;126.71E;0.06,h67km,mb4, mb4.8/34, Error ellipse: s-maj=11.4km s-min=8.4km az=161.0

IDC 25 10:36:14.0,2.4,0.44N;126.58E,h85km,22km,mb4.2/22, mb1.4/2.25,mb1mx3.9/63,mbtmp4.5/25,MS3.6/6, Ms1.3/5.6,ms1mx3.0/43, Error ellipse: s-maj=19.8km s-min=10.0km az=83.0

NOU 25 10:36:15.8,0.27N;126.61E,h83km,mb4.7, Northern Molucca Sea

ISC 25 10:36:10.7,0.3,0.49N;0.04;126.70E;0.05,h47km,n122, s150/127,mb4.6/43,MS4.3/6,1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Ternate, Sanana, Cibinong, Gorontalo, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kuching, Fitzroy Crossi, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Makachi, Magadan, Zalesovo Beam, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like BSO4 Boso 4, HMMJ Hamamatsu 2, AJI Ajiro2, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like JISG Ishigakijimahi, JAB Akkeshi, JAK Ashibetsu, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like TYV comp=Z,55nm,0.9s, TYV comp=N,700nm,4.8s, WHN Wuhan, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like BTO Baotou, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

25d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like KKAR Karatay Array, PMR Palmer, I23K Minto, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like INK Aktjubinsk, INK Inuvik, INK Inuvik, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like FAQ Al Faqa, DAG Danmarks Havn, DAG Danmarks Havn, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Yreka Blue Hor, Klamath Falls, and various local news and community stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AKKB Main Array Si, MSO Missoula, and various regional and national stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OSI Casito Audit: C, L'vov, and various international and regional stations.

25d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like RRR Edison Barstow, HWUT Hardware Ranch, BISSR Bisoca, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MORC Moravsky Berou, ESJX Sierra Juarez, PSZ Piszkesteto, etc.

1172

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 214A Organ Pipe Nat, 214A Organ Pipe Nat, KHC Kasperke Hory, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 121A Cookies Peak, 121A DAVOX, MNTX Cornudas Mount, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRSC 25 10:59:34.0, 25 10:59:37.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AVH KORYAKA, KOK Koryaka, DALK Dainy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 25 11:29:59.4, 25 12:00:00.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 25 11:30:44.6, 25 11:30:46.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like s-maj=38.4km, RNSC 25 11:32:32.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 25 11:47:58.0, 25 11:47:59.4, etc.

TAP 25 13:21:10.1,23.94N,121.48E,h16km,ML1.7,B,Taiwan

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
HWA	Hwaiien	0.12 72	P	Op	ISC	13 21 15.1	+1.0
HWA	baz=73		eS	Sb	Pb	13 21 18.1	+1.5
ESL	Shilin	0.13 198	P	Sb	Pb	13 21 14.3	+0.2
ESL	baz=194		eS	Sg	Sg	13 21 16.5	+0.1
TWD	Chiawan	0.18 38	P	Pb	Pb	13 21 15.5	+0.5
TWD	baz=39		S	Sb	Pb	13 21 18.5	+0.3
NACB	Ninganchiao	0.26 25	P	Sb	Pb	13 21 16.7	+0.3
NACB	baz=24		S	Sb	Pb	13 21 20.4	-0.2
ETLH	Xiulin Townshi	0.27 1	eP	Pb	Pb	13 21 17.0	+0.5
ETLH	baz=1.0		S	Sb	Pb	13 21 20.7	-0.2
EGFH	Guangfu	0.27 189	eP	Pb	Pb	13 21 16.4	-0.1
EGFH	baz=189		eS	Sg	Pb	13 21 20.2	+0.1
WHF	Hehuan Shan	0.28 317	P	Pb	Pb	13 21 17.2	+0.2
WHF	baz=317		S	Sb	Pb	13 21 21.6	-0.1
CHGB	Renai	0.30 294	eP	Pb	Pb	13 21 17.7	+0.5
CHGB	baz=293		eS	Sb	Pb	13 21 22.4	+0.4
FUSS	Fushou	0.37 325	P	Pb	Pb	13 21 19.1	+0.6
FUSS	baz=325		S	Sb	Pb	13 21 24.5	+0.3
TDCB	Techi	0.43 317	eP	Pb	Pb	13 21 20.1	+0.7
TDCB	baz=317		eP	Pn	Pb	13 21 20.9	-0.9
HGSD	Ruisui	0.45 186	eP	Pb	Pb	13 21 19.3	+0.1
HGSD	baz=186		eS	Pg	Pb	13 21 24.7	-0.6
EHY	Hungye	0.45 198	eP	Pg	Pb	13 21 21.2	+0.7
EHY	baz=197		eS	Sg	Pb	13 21 27.9	+0.3
NNSB	Datong	0.50 350	eP	Pb	Pb	13 21 21.1	+0.6
NNSB	baz=350		S	Sb	Pb	13 21 27.9	+0.3
NNSH	Datong	0.50 350	eP	Pb	Pb	13 21 21.1	+0.6
NNSH	baz=350		eS	Sb	Pb	13 21 27.7	+0.2
SSLB	Suanglung	0.50 253	eP	Pb	Pb	13 21 21.0	+0.5
SSLB	baz=252		eS	Sg	Pb	13 21 27.1	+0.2
NNS	Nan Shan	0.51 349	eP	Pb	Pb	13 21 21.4	+0.7
NNS	baz=350		eS	Sb	Pb	13 21 28.5	+0.6
SMLT	Sun Moon Lake	0.53 264	eP	Pb	Pb	13 21 21.6	+0.6
SMLT	baz=263		eS	Sb	Pb	13 21 29.1	+0.7
ENA	Nanau	0.55 26	eP	Pb	Pb	13 21 21.2	0.0
ENA	baz=27		S	Sb	Pb	13 21 29.5	+0.7
TYC	Yuchr	0.57 267	eP	Pb	Pb	13 21 22.0	+0.4
TYC	baz=266		eS	Sb	Pb	13 21 29.5	+0.1
YULB	Yu-i	0.57 197	eP	Pb	Pb	13 21 21.6	0.0
YULB	baz=196		Pn	Pb	Pb	13 21 23.3	-0.6
WHP	Taichung City	0.59 305	eP	Pb	Pb	13 21 22.4	+0.1
WHP	baz=304		eS	Sb	Pb	13 21 30.7	+0.1
TWF1	Yuli	0.61 196	eP	Pb	Pb	13 21 30.7	+0.1
TWF1	baz=195		eS	Sb	Pb	13 21 30.7	+0.1
NDT	Datong Townshi	0.66 3	eP	Pn	Pb	13 21 24.2	-0.6
NDT	baz=2.0		S	Sb	Pb	13 21 32.9	+0.7
ENTT	Nioudou	0.70 7	eS	Pn	Pb	13 21 34.0	+0.6
ENTT	baz=7.0		eP	Pn	Pb	13 21 25.6	-0.3
YHNB	Yeheng	0.73 353	eP	Pn	Pb	13 21 25.6	-0.3
YHNB	baz=352		eS	Sb	Pb	13 21 34.9	+0.6
NSK	Sanguang	0.74 352	eP	Pb	Pb	13 21 25.2	+0.5
NSK	baz=352		eS	Sb	Pb	13 21 35.3	+0.7
NSK	Alihan	0.75 235	eP	Pn	Pb	13 21 26.0	-0.2
NSK	baz=234		eS	Pn	Pb	13 21 27.5	+0.7
CHNS	Tsauling	0.81 245	eP	Pn	Pb	13 21 27.5	+0.7
CHNS	baz=245		eS	Sn	Pb	13 21 39.6	+1.1
NWLTL	Wulai	0.84 2	eS	Sn	Pb	13 21 38.4	-0.8
NWLTL	baz=1.0		eS	Sn	Pb	13 22 34.5	+1.0

JMA 25 13:21:56.8±0.1,24.38N,122.98E,h58km,1km,ML1.4, Taiwan region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
JYNG	Yonagunijimaku	0.08 336	Op	Op	ISC	13 22 05.4	+0.1
JYNG	baz=336		S	Sn	Pb	13 22 11.8	0.0
YOJ	Yonaguni jima	0.09 19	P	Sn	Pb	13 22 05.5	-0.1
YOJ	baz=19		S	Sn	Pb	13 22 11.8	-0.1
IRIF	Iriomote-Funau	0.69 94	eP	Pn	Pb	13 22 10.8	+0.1
IRIF	baz=94		eS	Pn	Pb	13 22 14.6	+0.5
JKRS	Kuro-shima	0.95 98	eP	Pn	Pb	13 22 27.8	+0.9
JKRS	baz=98		eS	Pn	Pb	13 22 15.6	0.0
JIJ	Ishigaki jima	1.06 91	eP	Pn	Pb	13 22 29.8	+0.3
JIJ	baz=91		eS	Pn	Pb	13 22 17.8	0.0
JISG	Ishigakijimahi	1.23 80	eP	Pn	Pb	13 22 34.5	+1.0
JISG	baz=80		eS	Sn	Pb	13 22 34.5	+1.0

ICC 25 13:49:46.2±0.9,5.37S,76.26W,h0km,mb3.6/7, mb1.3.9/11,mb1mx3.8/27,mbtmp3.7/11,ML4.1/4, Error ellipse: s-maj=23.9km s-min=18.0km az=84.0

ICC 25 13:49:47.8±0.6,5.42S,0.07,76.24W,0.09,h10km,n19, α1542/21,mb3.6/7,Northern Peru

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
ATAH	Atahualpa	2.73 231	Op	Op	ISC	13 50 32.8	+0.6
ATAH	baz=231		Sn	Sb	Pb	13 51 08.7	-2.1
PTLC	Puerto Leguiza	5.74 15	eP	Pn	Pb	13 51 09.4	-3.7
NNA	Nana	6.55 185	Pn	Pn	Pb	13 51 25.4	+1.0
NNA	baz=185		Sn	Sn	Pb	13 52 39.1	-0.1
GCUF	Volcan Galeras	6.69 350	eP	Pn	Pb	13 51 27.3	+0.6
GARC	Garzon, Huila	7.59 6	eP	Pn	Pb	13 51 39.1	+0.3
PCON	Cinco Dias	7.70 359	eP	Pn	Pb	13 51 43.3	+2.8
MACC	Macarena, Meta	7.89 18	eP	Pn	Pb	13 51 40.6	-2.1
BETC	Betania	8.09 6	eP	Pn	Pb	13 51 45.2	-0.2
ORTG	Ortega, Tolima	8.32 6	eP	Pn	Pb	13 52 02.7	+0.4
CHIC	Chingaza	10.29 14	eP	Pn	Pb	13 52 16.9	+0.9
PITGA	Pitinga	16.90 75	Pn	Pn	Pb	13 53 44.7	+0.1
SIV	San Ignacio	18.22 126	P	P	Pb	13 54 02.1	+0.9
CPUP	Villa Florida	27.55 141	P	P	Pb	13 55 34.9	-0.1
PLCA	Paso Flores	35.53 173	P	P	Pb	13 56 45.1	+0.1
TXAR	Lajitas Array	43.46 324	P	P	Pb	13 57 50.9	-0.5
YKA	Yellowknife Ar	78.74 343	P	P	Pb	14 01 01.2	-0.8
TORD	Torodi Ar, Bea	79.54 76	P	P	Pb	14 01 56.7	+1.0
SNA	Sanae	79.69 162	P	P	Pb	14 01 55.1	-0.3
ILAR	Eielson Array	86.75 336	P	P	Pb	14 02 32.3	+0.5

0.4nm,0.9s,baz=76,slow=4.7,SNR=2.9

NEIC 25 14:02:45.9±1.6,60.1S,0.1x27.2W,0.3,h56km,6km, mb4.6/21, Error ellipse: s-maj=19.1km s-min=15.0km az=63.0

ICC 25 14:02:45.4±5.8,60.16S,27.12W,h48km,55km,mb3.8/6, mb1.4/0.7,mb1mx3.7/22,mbtmp4.2/7,ML4.9/1,M53.3/2, Ms1.3.3/2,ms1mx3.0/20, Error ellipse: s-maj=33.2km s-min=23.1km az=63.0

ICC 25 14:02:43.3±0.5,60.12S,0.09,27.0W,0.1,h34km,n38, α088/35,mb4.5/14, South Sandwich Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
VNA1	Neumayer-Stat	13.06 152	P	Pn	Pb	14 05 46.1	-0.1
VNA3	Neumayer Olymp	13.18 155	P	Pn	Pb	14 05 46.5	-1.3
VNA2	Neumayer-Watz	13.46 152	P	Pn	Pb	14 05 50.8	-1.1
SNA	Sanae	15.06 150	P	Pn	Pb	14 06 12.8	-0.5
SNA	Sanae	15.06 150	P	Pn	Pb	14 06 12.9	-0.4
SNA	0.4nm,0.3s,baz=348,slow=20,SNR=9.7		S	Sn	Pb	14 08 47.6	-1.1
SNA	comp=Z,148nm,20.6s,baz=12,slow=33		LR	LR	Pb	14 10 57.4	
SNA	Sanae	15.06 150	Iamb	Iamb	Pb	14 06 12.6	-0.7
SNA	comp=Z,13nm,0.5s		P	P	Pb	14 06 45.7	0.0
PMSA	Palmer Station	17.55 239	Iamb	Iamb	Pb	14 07 10.7	
BELA	Belgrano 2	18.02 185	P	P	Pb	14 06 52.5	+1.7
QSPA	South Pole Qui	30.12 180	P	P	Pb	14 08 50.3	+0.8
QSPA	comp=Z,2.4nm,0.9s,baz=204,slow=2.3,SNR=11		Iamb	Iamb	Pb	14 08 52.1	
QSPA	South Pole Qui	30.12 180	Iamb	Iamb	Pb	14 08 52.1	
MT02	Curacav	39.30 293	P	P	Pb	14 10 09.7	+0.9
VA03	San Esteban	39.45 294	P	P	Pb	14 10 09.8	-0.4
CPUP	comp=Z,22nm,1.4s		P	P	Pb	14 10 12.6	+0.9
CPUP	Villa Florida	39.65 315	LR	LR	Pb	14 24 20.1	
CPUP	comp=Z,37nm,21.9s,baz=136,slow=33		P	P	Pb	14 10 11.9	+0.2
CO03	El Pedregal	41.13 296	P	P	Pb	14 10 24.1	+0.1
CO03	comp=Z,23nm,1.5s		Iamb	Iamb	Pb	14 10 51.7	
AC05	El Transito	42.66 298	P	P	Pb	14 10 36.4	-0.1
AC05	comp=Z,18nm,1.4s		Iamb	Iamb	Pb	14 10 46.1	
LCO	Las Campanas	42.70 297	P	P	Pb	14 10 35.3	-1.7
LCO	comp=Z,20nm,1.5s		Iamb	Iamb	Pb	14 10 49.3	
GO02	Mina Guanaco	45.55 301	P	P	Pb	14 10 59.4	-0.5
GO02	comp=Z,10nm,1.4s		Iamb	Iamb	Pb	14 11 03.5	
SHEL	Horse Pasture	46.74 29	P	P	Pb	14 11 08.5	-0.5
LVC	Limon Verde	47.51 303	P	P	Pb	14 11 13.9	-1.5
LVC	comp=Z,5.8nm,1.1s		Iamb	Iamb	Pb	14 11 30.9	
LBTB	Lobatse	50.23 70	P	P	Pb	14 11 36.8	+0.8
LBTB	comp=Z,2.7nm,0.8s,baz=269,slow=18,SNR=3.7		Iamb	Iamb	Pb	14 11 37.8	
LBTB	Lobatse	50.23 70	Iamb	Iamb	Pb	14 11 37.8	
SIV	San Ignacio	50.50 316	P	P	Pb	14 11 38.5	+0.6
SIV	comp=Z,0.5nm,0.6s,baz=216,slow=5.1,SNR=3.7		P	P	Pb	14 11 40.8	-0.4
MNMC	Minye Minye	50.90 305	P	P	Pb	14 11 42.5	
MNMC	comp=Z,4.6nm,0.8s		Iamb	Iamb	Pb	14 12 07.1	-1.0
RCBR	Riachuelo	54.58 349	P	P	Pb	14 12 08.3	
RCBR	comp=Z,16nm,1.1s		Iamb	Iamb	Pb	14 12 30.8	-0.1
SAMI	Samuel	57.77 316	P	P	Pb	14 13 16.2	-1.0
AIS	Amsterdam Isla	64.65 122	P	P	Pb	14 13 22.7	-0.6
MCQ	Macquarie Isla	65.63 184	P	P	Pb	14 13 21.2	+1.2
TOAO	Torodi Ar, Sit	76.58 29	P	P	Pb	14 14 31.1	+1.2
TORD	Torodi Ar, Bea	76.58 29	P	P	Pb	14 14 31.1	+1.2
TORD	comp=Z,1.0nm,0.4s,baz=196,slow=6.3,SNR=4.3		sP	sP	Pb	14 14 44.4	+0.5
ASAR	Alice Springs	95.0					

25d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, CTAO, PATS, WRU, WB2, WRAB, WRA, NVAR, TXAR, ILAR, PDAR, AKASG.

IDC 25 14:43:44.1, 1.0, 30.60Sx178.05W, h0km, mb4, 1/5, mb1 4.3/5, mb1mx4.0/22, mbtmp4.1/5, MS3.2/1, ms1mx2.7/23, Error ellipse: s-maj=31.1km s-min=22.1km az=121.0

NEIC 25 14:43:50.1, 0.6, 30.65S, 178.17W, h0.2, h35km, 9km, mb4, 4/9, Error ellipse: s-maj=28.2km s-min=12.8km az=105.0

ISC 25 14:43:48.0, 0.9, 30.69S, 178.0W, 0.2, h35km, n33, a196/25, mb4.3/8, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, URZ, BKZ, PLWZ, BHW, QRZ, THZ, DZM, STKA, BBOO, AS31, ASAR, WRO, WB2, WRA, WRA, WB2, WBO, FORT, QSPA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, NVAR, MKAR, FINER, AKASG, AKASG.

IDC 25 15:17:34.6, 0.7, 10.05S; 74.34W, h0km, mb4, 1/11, mb1 4.2/15, mb1mx4.1/29, mbtmp4.1/15, ML3.8/4, MS3.2/7, Ms1 3.2/7, ms1mx3.0/33, Error ellipse: s-maj=22.7km s-min=17.3km az=62.0

ARE 25 15:17:36.1, 1.9, 10.33S; 0.09-74.6W, 0.1, h52km, 5km, Error ellipse: s-maj=20.0km s-min=11.5km az=68.0

NEIC 25 15:17:38.9, 1.4, 10.19S; 74.31W, 0.0, h30km, 2km, 5km, mb4, 6/57, ML4.4 (ARE), Error ellipse: s-maj=11.0km s-min=9.6km az=76.0

VAO 25 15:17:42.1, 1.0, 10.29S; 74.03W, h10km, mb4.5, ISC 25 15:17:39.8, 0.4, 10.22S; 0.05-74.35W, 0.06, h35km, n129, a137/124, mb4.6/35, MS3.3/3, IC, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CZSB, NNA, NNA, NNA, NNA, ATAH, ATAH, ETMB, AP01, PB16, MIMC, PTLC, SAML, SAML, OTAV, OTAV, OTAV, PB07, GARC, PCON, LVC, ORTC, SIV, SIV.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOTC, ANIL, CHIC, ROSC, RREF, PLMC, MACA, GUYZ, GOUZ, CBOC, PTBC, PTGA, DBBC, AC02, PAMC, ZARC, SMLC, AC05, NPGS, SDV, SDV, SDV, ITTB, MALB, SNDB, CPUP, CPUP, MCBP, ITRB, BDBF, OBIP, OBIP, PDRP, PDRP, SJG, SJG, PLCA, PLCA, W57A, W50A, W50A, T59A, T57A, V48A, S57A, TXAR, TXAR, X37A, X37A, FCAR, FCAR, T42A, T42A, MVL, MGMO, MGMO, TUL1, TUL1, FVM, FVM, P43A, BINY, SDCO, WUAZ, WUAZ, PV01, PV01, PV15, PV15, PV13, PV13, PV05, PV05, F36A, F36A, MSU, RDUM, PSUT, DRLN, DUG, DUG, R11A, BW06, PDAR, PDAR, PDAR, HWUT, HWUT, SPUT, BGU, BGU, ULM, ULM, ULM, ULM, NVAR, YHL, YHL, YHL, YHL, YHL, ORV, ORV, MOD, MOD, K05A, K05A, I07A, I07A, I07A, PINE, DBIC, VNA1, VNA1, VNA2, SNAE, SNAE, SNAE, SNAE, BBB, YKA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TORD, TORD, TORD, ZALV, ZALV, ASAR, ASAR, MKAR, MKAR, WRA, WRA, SONM, SONM, KSR5, KSR5, GTA, GTA, GMAR, GMAR.

BER 25 15:53:10.4, 3.9, 78.90N; 5.18E, h10km, ML1.9, ML2.6 (DNK), Confirmed Earthquake

IEPN 25 15:53:16.0, 78.64N; 6.40E, h10km

ISC 25 15:53:06.6, 0.9, 78.69N; 0.08-4.89E, 0.04, h10km, n15, a252/32, 2C, Greenland Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBS, KBS, KBS, KBS, BRBA, BRBA, SPAA, SPAA, SPAA, HSPB, HSPB, HSPB, HOPEN, HOPEN, HOPEN, DAG, DAG, DAG, DAG, DAG, DAG, ZF12, ZF12.

IDC 25 16:54:43.9, 1.7, 42.44N; 80.65E, h0km, mb3.7/3, mb1 3.7/8, mb1mx3.4/52, mbtmp3.5/8, ML3.7/2, Ms1 3.7/2, ms1mx2.7/41, Error ellipse: s-maj=25.2km s-min=14.3km az=159.0

NNC 25 16:54:52.0, 0.8, 43.06N; 80.42E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=5.9km s-min=3.4km az=152.0

SOME 25 16:54:53.2, 43.07N; 80.33E, h30km, MS2.6, KRNE 25 16:54:54.2, 0.1, 43.13N; 80.37E, h30km, mb4.0

ISC 25 16:54:49.5, 1.5, 43.04N; 0.04-80.44E, 0.04, h6km, 9km, n84, c181/131, mb3.8, 22C-11D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTMS, KTMS, KTMS, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, SHLS, SHLS, PDGK, PDGK, UZB, UZB, UZB, KPKS, KPKS, KPKS, DJR, DJR, DJR, ZHN, ZHN, ZHN, ZHN, ZHN, SATY, SATY.

25d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MUSAN, BUTUAN, CAGAYAN DE ORO, GENERAL LUNA, etc.

IDC 25 17:50:59.6:8.2,21.69S:179.02W,h567km,73km,mb3.4/7, mb1 3.6/8, mb1mx3.2/24,mbtmp4.4/8, Error ellipse: s-maj=74.6km s-min=30.3km az=113.0

NEIC 25 17:51:03.6:1.4,21.7S:0.2:179.3W:0.1,h601km,14km, mb4.3/16, Error ellipse: s-maj=23.5km s-min=16.1km az=164.0

ISC 25 17:51:03.4:0.9,21.7S:0.1:179.3W:0.1,h604km,n33, o=72/34,mb4.2/14,Fiji Islands region

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

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

ANF 25 18:10:16.9:0.2,33.00N:116.41W,h9km,2km,ML3.0/25, Error ellipse: s-maj=1.9km s-min=1.8km az=7.0

NEIC 25 18:10:17.2:0.7,32.97N:101.116:435W:0.0/10, h17km,1km, Error ellipse: s-maj=1.6km s-min=1.1km az=201.0

PAS 25 18:10:17.8:1.1,32.97N:0.009:116.43W:0.01, h9km,3km,ML3.2/172,ML3.0/24(NEIC), Error ellipse: s-maj=1.4km s-min=1.3km az=204.0

ISC 25 18:10:17.1:0.9,32.98N:0.011:116.43W:0.01, h11km,4km,n11, o=97/1162,California-Baja California border region

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

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

BGR 25 18:27:02.1:0.0,65.36N:21.05W,h10km,mb4.7 REY 25 18:27:17.6:64.66N:17.39W,h0km

25d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB2, YKA, YKA, ASAR, ASAR, MAW, PDAR, PDAR, NVAR, TXAR, CPUP.

IDC 25 20:14:04.3:1.8, 3:53N:124:41E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/35, mbtmp3.5/4, MS3.5/2, Ms1 3.5/2, ms1mx2.8/25, Error ellipse: s-maj=24.4, gkm s-min=21.8km az=64.0.

DJA 25 20:14:36.4:1.1, 3:10N:102:12.5E, h281km, 11km, M3.8/7, mb3.6/5, mb4.3/1, MLV3.9/7, Mw(mb)3.5/1, ISC 25 20:14:34.9:1.3, 3:31N:124.3E:0.1, h300km, n13, o#88/11, mb3.2/4, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTOI, TINTI, MRSI, APSI, SANI, MPSI, NLAJ, WRA, ASAR, ASAJ, TLY, MKAR, KURBB.

TIR 25 20:18:42.9, 42:71N:20:35E, h0km, 13km, Md3.2, SKO 25 20:18:44.0, 42:71N:20:30E, h2km, PDG 25 20:18:43.9:0.2, 42:73N:20:32E, h11km, MD3.0/4, ML3.0/13, Error ellipse: s-maj=0.3km s-min=0.3km az=0.0

RHSSO 25 20:18:43.6:0.6, 42:73N:20:40E, h4km, 2km, ML3.0/12, BEO 25 20:18:44.8:0.6, 42:75N:20:40E, h0km, ML2.9/13, ISC 25 20:18:43.7:1.0, 42:75N:20:01, 20:34E:0.01, h8km, 8km, n24, o#1835/163, 25C-15D, Northwestern Balkan

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. Includes stations like PVY, BE, IVA, BCI, SJES, KOME, PUK, IVAS, PDG, PDG, PDG, PDG, TTG, GJIK, PLE, NKY, DRME, DRME, NKME, PHP, CEME, RUDO, SKO, ULC, ULC, UPM, UPM, UPM, BUM, BRUS, GRU, BBLs, BBLs, BRY, BRY, BRY, BOVS, DIVS, DIVS, DIVS, DIVS, HCY, HCY, TIR, TIR, TIR, TIR, TREB, TREB.

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRUS, BOSS, DBRK, OBRFK, SVHS, OHR, HAPS, HAPS, ZAGS, ZAGS, ZAPS, ZAPS, TEKS, TEKS, TEKS, TEKS, BLBK, KUBS, STON, STON, STON, STON, FNA, VTS, VTS, VIT, VIT, MDVR, MDVR, GRG, RIC, RIC, RIC, MAKA, MAKA, MAKA, HERR, HERR, HVAR, HVAR, MGRS, MGRS, MGRS, BZS, BZS, BLY, BLY, KJV, KJV, KJV, GZR, ZIR, ZIR, ZIR, MORI, MORI, MORI, MORH, MORH, MORH, MORH, UDBI, UDBI, UDBI, DUGI, DUGI, DUGI, VOIR, VOIR, VOIR, NVLJ, KALN, PTJ, PTJ, RAZG, RAZG, CRES, CRES, MPLH, MPLH, P3Z, P3Z, CEY, CEY, SOKA, SOKA, OBKA, ARSA, ARSA, ARSA, VYHS, VYHS, MODS, MODS.

ANF 25 20:19:01.8:0.2, 33:35N:116:34W, h15km, 2km, ML2.2/10, Error ellipse: s-maj=1.5km s-min=1.2km az=80.0, ECX 25 20:19:03.6:0.5, 33:33N:116:35W, h14km, 9km, MD2.1, ML2.3, MEX 25 20:19:06.0:0.3, 32:25N:115:63W, h20km, MD3.7, ISC 25 20:19:01.9:1.0, 33:35N:102:11:16, h18km, 4km, n21, o#42/41, 2C-2D, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PFO, PFO, MONP, MONP, SWSC, SWSC, BELC, BELC, BAR, BAR, BAR, BAR, IKP, IKP, IKP, IKP, MURC, MURC, 109C, 109C, RMX, RMX, SDRC, SDRC, SDRC, BC3, BC3, TJIG, TJIG, TJIG, BBRC, CBX, CBX, CBX.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBX, IRM, IRM, GMRC, GMRC, EDW2, EDW2, SPIG, SPIG.

IDC 25 20:43:05.5:0.8, 42:35N:84:51E, h0km, mb3.7/9, mb1 3.8/15, mb1mx3.5/64, mbtmp3.7/15, ML3.4/6, MS3.3/1, Ms1 3.3/1, ms1mx2.6/38, Error ellipse: s-maj=19.7km s-min=10.9km az=59.0, NNC 25 20:43:06.5:2.4, 42:34N:84:38E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=18.9km s-min=11.3km az=143.0, SOME 25 20:43:09.6, 42:43N:84:35E, h10km, BUJ 25 20:43:10.9:0.0, 42:33N:84:42E, h13km, mb3.9/5, ML3.9/9, Ms3.7/2, Ms7.3/7, ISC 25 20:43:07.1:0.6, 42:41N:104:48:42E:0.03, h10km, n70, o#168/96, mb3.6/8, 13C-8D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMQ, WMQ, WMQ, WMQ, KTMS, KTMS, KTMS, SHLS, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, PDGK, PDGK, DJR, DJR, DJR, UZB, UZB, UZB, UZB, KPKS, KPKS, KPKS, ZHN, ZHN, ZHN, ZHN, SATY, SATY, SATY, SATY, MK31, MK31, MKAR, MKAR, MKAR, KAPS, KAPS, KAPS, MNBS, MNBS, MNBS, KURS, KURS, KURS, MAKZ, MAKZ, MAKZ, ZSN, ZSN, ZSN, ZSN, TDK, TDK, TDK, TDK, KOTS, KOTS, KOTS, KOTS.

25d 21h

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Table with columns: Station, Time, Az, El, Res, and various codes. Includes stations like Loudon, Cooke's Peak, Tuckaleechee, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Mitchell Dam, Hot Spring, Moresby Island, etc.

Table with columns: Station, Time, Az, El, Res, and various codes. Includes stations like North Saanich, PGCS, Sidney, etc.

INK	Inuvik	15.75	358	Pn	P	21 13 56.2	-2.7
INK	comp-Z,0.2nm,0.3s,baz=168,slow=14,SNR=8.9			Lg	Lg	21 18 36.1	
INK	comp-Z,0.0nm,0.3s,baz=76,slow=25,SNR=8.0			LR	LR	21 19 32.0	
INK	comp-Z,230nm,20.1s,baz=153,slow=36						
INK	Inuvik	15.75	358	P	Pn	21 13 55.6	+0.7
YMR	Madison River	15.88	112	IAMB	IAMB	21 14 16.0	
PNTR	Pine Nut	15.96	143	IAMB	IAMB	21 14 10.2	
YNR	Norris Junction	16.01	111	IAMB	IAMB	21 14 20.5	
BMAR	Burnt Mtaintain	16.09	342	Pn	Pn	21 13 56.8	-2.6
YNE	Yellowstone No	16.22	109	Pn	Pn	21 13 58.2	-3.2
YNE	comp-Z,19nm,1.0s			IAMB	IAMB	21 14 10.7	
LKWY	Lake	16.26	111	IAMB	IAMB	21 14 21.5	
H17A	Grant Village	16.27	112	P	P	21 14 06.7	+1.5
H17A	Grant Village	16.27	112	Pn	Pn	21 13 59.4	-2.6
H17A	comp-Z,15nm,1.0s			IAMB	IAMB	21 14 13.5	
IMW	Indian Meadow	16.37	114	IAMB	IAMB	21 14 13.6	
FLWY	Flagg Ranch	16.39	113	IAMB	IAMB	21 14 22.3	
TTA	Tatalina	16.40	318	Pn	Pn	21 14 00.2	-3.2
TTA	comp-Z,19nm,1.1s			IAMB	IAMB	21 14 09.0	
ELK	Elko	16.41	130	Pn	Pn	21 14 07.3	+0.5
RLMT	Red Lodge	16.58	108	P	P	21 14 09.1	+0.5
RLMT	Red Lodge	16.58	108	IAMB	IAMB	21 14 23.9	
SNOW	Snowing King Moun	16.75	115	IAMB	IAMB	21 14 30.4	
REDW	Red Top Meadow	16.77	115	IAMB	IAMB	21 14 29.5	
AHID	Auburn Hatcher	17.03	117	IAMB	IAMB	21 14 29.5	
NVAR	Mina Array Bea	17.03	141	P	P	21 14 13.9	+0.3
C36M	Paulatuk	17.16	9	P	P	21 14 13.6	-1.0
C36M	Paulatuk	17.16	9	Pn	Pn	21 14 17.2	+2.7
C36M	Paulatuk	17.16	9	Pn	Pn	21 14 10.8	-2.1
C36M	comp-Z,26nm,1.1s			IAMB	IAMB	21 14 29.2	
AOLD	Coldfoot	17.17	335	P	P	21 14 16.2	+1.4
KUKM	Kuglukut,NWT	17.25	22	P	Pn	21 14 13.8	-0.2
IMAR	Indian Mountain	17.30	329	Pn	Pn	21 14 11.1	-3.6
MLAC	Mammot, Mammot	17.53	144	P	P	21 14 23.0	+3.8
LAO	LASA Array	17.55	100	P	P	21 14 22.2	+3.0
HWUT	Hardware Ranch	17.59	121	Pn	Pn	21 14 15.5	-3.1
HWUT	comp-Z,20nm,1.1s			IAMB	IAMB	21 14 25.6	
FFC	Flin Flon	17.74	71	Pn	Pn	21 14 17.9	-2.3
TPH	Topopah	17.76	139	IAMB	IAMB	21 14 28.9	
BW06	Boulder Array	17.87	115	P	P	21 14 24.0	+1.0
PDAR	Pinedale Array	17.87	115	LR	LR	21 12 16.8	
PDAR	Pinedale Array	17.87	115	Pn	Pn	21 14 19.4	-2.9
DGMT	Dagmar	17.99	92	P	P	21 14 25.5	+1.5
DUG	Dugway, Tooele	18.00	126	P	P	21 14 26.4	+2.2
TUC	Toone Canyon	18.02	122	IAMB	IAMB	21 14 33.3	
PMPB	Monarch Peak	18.17	150	IAMB	IAMB	21 14 37.2	
R11A	Troy Canyon, C	18.20	135	P	P	21 14 28.9	+2.3
VIN	Tinemaha, Big	18.27	143	P	P	21 14 28.8	+1.6
TOG	Valley Oaks Go	18.27	147	Pn	Pn	21 14 33.2	+3.3
GRAC	Grapevine Rang	18.64	141	P	Pn	21 14 35.3	+3.9
CWC	Cottonwood Cre	18.87	144	P	Pn	21 14 36.8	+2.5
VES	Vestal, Richgr	19.06	147	P	Pn	21 14 39.1	+2.7
TPNV	Topopah Spring	19.12	139	P	Pn	21 14 40.3	+2.9
TPNV	Topopah Spring	19.12	139	IAMB	IAMB	21 14 44.1	
SMMC	Simmer	19.25	149	P	Pn	21 14 39.7	+0.9
FURC	Furnace Creek,	19.30	141	P	Pn	21 14 42.0	+2.7
MPMC	Manuel Prosep	19.42	143	P	Pn	21 14 41.0	-0.1
ISA	Isabella, Lake	19.43	146	P	Pn	21 14 43.6	+2.6
ISA	Isabella, Lake	19.43	146	IAMB	IAMB	21 14 54.1	
K22A	Casper	19.66	110	P	Pn	21 14 43.5	-0.3
PKM	Mcperson Peak	19.70	150	P	Pn	21 14 46.8	+2.5
Q16A	Castle Valley	19.79	126	IAMB	IAMB	21 14 52.7	
ARVC	Arvin	19.79	147	P	Pn	21 14 47.1	+1.8
LRMC	Laurel, Hltn Rad	19.87	144	P	Pn	21 14 47.8	+1.5
SZCU	Shurtz Canyon	19.93	132	P	P	21 14 41.8	-3.7
SHPR	Sheep Range	19.94	137	P	P	21 14 41.9	-3.8
SRU	San Rafael Swe	19.97	124	IAMB	IAMB	21 14 42.1	-3.8
SRU	comp-Z,14nm,1.0s			IAMB	IAMB	21 14 58.7	
SHOC	Shoshone, Teco	20.02	141	P	Pn	21 14 49.6	+1.6
OSI	Osito Audit: C	20.30	147	P	Pn	21 14 52.6	+1.3
EDW2	Edwards Air Fo	20.30	146	P	Pn	21 14 54.4	+1.0
LCMT	Little Creek M	20.34	133	P	IAMB	21 14 46.0	-3.9
LCMT	comp-Z,16nm,1.2s			IAMB	IAMB	21 15 04.0	
GSC	Goldstone, Bar	20.35	142	P	Pn	21 14 53.3	+1.4
GSC	Goldstone, Bar	20.35	142	P	P	21 14 46.8	-3.1
GSC	comp-Z,10nm,1.1s			IAMB	IAMB	21 14 53.7	
O20A	White River C1	20.40	118	P	Pn	21 14 53.6	+1.0
O20A	White River C1	20.40	118	P	P	21 14 53.5	+0.9
PKCU	Pink Cliffs	20.41	130	P	P	21 14 47.3	-3.7
PKCU	comp-Z,20nm,1.2s			IAMB	IAMB	21 14 57.4	
RRX	Edison Barstow	20.66	143	P	Pn	21 14 56.5	+1.0
DECO	Green Verdugo	20.75	147	P	Pn	21 14 54.7	-2.0
ANM	Nome	20.87	318	P	P	21 14 51.7	-3.6
MWC	Mount Wilson	20.88	146	IAMB	IAMB	21 14 59.1	
HEC	Hector,Ludlow	20.94	142	P	Pn	21 14 53.5	+0.6
E28A	Huff	20.95	94	P	P	21 14 53.8	-2.6
E28A	comp-Z,21nm,0.9s			IAMB	IAMB	21 15 10.2	
BFA	Mount Baldy Ra	21.00	146	P	Pn	21 14 60.0	+0.4
MDND	Maddock	21.04	90	P	P	21 15 00.1	+2.8
MDND	Maddock	21.04	90	P	P	21 14 54.7	-2.7
N23A	Red Feather La	21.13	113	P	P	21 15 01.1	+2.5
PHWY	Pilot Hill	21.14	112	P	P	21 14 54.8	-3.9
PHWY	comp-Z,21nm,0.9s			IAMB	IAMB	21 15 06.9	
BBRC	Big Bear Sol	21.24	144	P	P	21 15 03.0	+3.2
VPV23	Carpenter Ridg	21.24	123	IAMB	IAMB	21 15 03.1	

GMRC	Granite Mounta	21.24	141	P	P	21 15 02.9	+3.3
U15A	North Rim	21.25	132	IAMB	IAMB	21 15 14.4	
PV22	Blue Mesa, Pa	21.29	122	P	P	21 14 57.0	-3.2
PV22	comp-Z,18nm,1.1s			IAMB	IAMB	21 15 10.8	
PV14	Lion Creek, Pa	21.29	123	IAMB	IAMB	21 15 03.5	
PV04	Paradox Valley	21.33	123	IAMB	IAMB	21 15 04.2	
PV20	West Nyswonger	21.34	123	P	P	21 14 57.3	-3.5
PV20	comp-Z,21nm,1.1s			IAMB	IAMB	21 15 04.1	
PV19	Morning Glory	21.36	123	IAMB	IAMB	21 15 04.3	
PV16	Nyswonger Mesa	21.39	123	IAMB	IAMB	21 15 04.7	
PV17	East Wray Mesa	21.39	123	IAMB	IAMB	21 15 04.7	
PV11	David Mesa, Pa	21.42	123	IAMB	IAMB	21 15 12.1	
RDOC	Red Dog Mine	21.43	328	P	P	21 14 57.6	-3.7
RDOC	comp-Z,8.6nm,0.9s			IAMB	IAMB	21 15 02.9	
PV07	Paradox Valley	21.43	122	IAMB	IAMB	21 15 05.1	
PV12	Saucer Basin	21.44	123	IAMB	IAMB	21 15 06.4	
PV18	Skein Mesa, Pa	21.44	123	IAMB	IAMB	21 15 04.6	
PV03	Paradox Valley	21.47	123	IAMB	IAMB	21 15 07.5	
PV05	Paradox Valley	21.48	124	P	P	21 14 59.4	-2.9
PV05	comp-Z,8.6nm,1.0s			IAMB	IAMB	21 15 11.1	
PV13	Radium Mtn., P	21.56	123	P	P	21 14 59.2	-4.0
PV13	comp-Z,26nm,1.1s			IAMB	IAMB	21 15 08.4	
PV02	Paradox Valley	21.56	123	IAMB	IAMB	21 15 08.5	
PV15	Paradox Valley	21.59	122	P	P	21 15 01.0	-2.6
PV15	comp-Z,20nm,0.9s			IAMB	IAMB	21 15 10.3	
NEE2	Needles Airpor	21.66	139	P	P	21 15 06.5	+2.5
W13A	Hulapal Mount	21.68	137	P	P	21 15 00.6	-3.8
PV01	Paradox Valley	21.70	123	IAMB	IAMB	21 15 09.9	
A21K	Barrow	21.75	339	P	P	21 15 07.0	+2.3
A21K	Barrow	21.75	339	P	P	21 15 02.6	-2.0
BELC	Belle Mtn. Jos	21.81	142	P	P	21 15 07.8	+2.1
FCC	Fort Churchill	21.90	59	P	P	21 15 07.8	+1.4
FCC	Pinyon Flats O	21.90	144	P	P	21 15 08.2	+1.3
PFO	Pinyon Flats O	21.90	144	P	P	21 15 08.0	+0.4
PFO	comp-Z,2.6nm,0.8s,baz=330,slow=14,SNR=4.6			LR	LR	21 22 22.9	
PFO	comp-Z,223nm,20.4s,baz=334,slow=33			IAMB	IAMB	21 21 58.9	
PFO	Pinyon Flats O	21.99	144	P	P	21 15 08.3	+0.6
IRM	Iron Mountain	21.99	141	P	P	21 15 10.4	+2.8
TPDC	Pinon Flats	21.99	144	P	P	21 15 09.9	+2.2
PDMFO	Parker Dam,Lak	22.26	138	P	P	21 15 13.3	+2.8
BC3	Big Chuckawall	22.32	142	P	P	21 15 13.7	+2.5
ULM	Lac du Bonnet	22.39	82	P	P	21 15 12.4	+0.7
ULM	comp-Z,17nm,1.0s,baz=290,slow=11,SNR=16			Lg	Lg	21 22 06.3	
ULM	Lac du Bonnet	22.39	82	P	P	21 15 11.8	+0.1
WUAZ	Wupatki	22.42	132	P	P	21 15 14.8	+2.4
WUAZ	Wupatki	22.42	132	P	P	21 15 08.8	-3.6
WUAZ	comp-Z,14nm,1.1s			IAMB	IAMB	21 15 26.5	
MVCO	Mesa Verde	22.45	124	P	P	21 15 15.1	+2.4
MVCO	Mesa Verde	22.45	124	P	P	21 15 09.1	-3.6
MVCO	comp-Z,9.8nm,1.0s			IAMB	IAMB	21 15 27.6	
MONP2	Monument Peak	22.65	145	P	P	21 15 17.6	+2.7
BAR	Barrett	22.75	145	IAMB	IAMB	21 15 36.5	
SWSC	Sam W. Stewart	22.82	143	P	P	21 15 18.7	+2.3
S22A	4UR Ranch, Cre	22.90	121	P	P	21 15 20.4	+2.9
Q24A	Divide	22.91	116	P	P	21 15 21.4	+3.7
D32A	Dogwood Acres,	22.93	90	P	P	21 15 15.2	-2.3
IKP	In-Ko-Pah, Jac	22.98	144	P	P	21 15 20.4	+2.2
SUSD	Miller	23.09	98	P	P	21 15 21.9	+2.7
GLA	Glamis	23.09	141	P	P	21 15 21.1	+1.8
AGMN	Agassiz Nation	23.13	86	P	P	21 15 21.8	+2.2
AGMN	Agassiz Nation	23.13	86	P	P	21 15 17.4	-2.2
X16A	Lo Mia Camp, P	23.31	133	P	P	21 15 18.4	-3.3
OGNE	Ogallala	23.33	108	P	P	21 15 24.2	+2.5
W18A	Petrified Fore	23.51	129	P	P	21 15 25.9	+2.2
W18A	Petrified Fore	23.51	129	P	P	21 15 20.1	-3.6
SDCO	Great Sand Dun	23.60	119	P	P	21 15 26.3	+1.6
SDCO	Great Sand Dun	23.60	119	IAMB	IAMB	21 15 27.1	
EPL0	Experimental L	23.89	82	P	P	21 15 27.3	+0.2
X18A	Snowflake	23.89	131	IAMB	IAMB	21 15 23.6	-3.8
F33A	5 Mile Ranch,	23.98	92	P	P	21 15 26.0	-2.0
F33A	comp-Z,15nm,1.1s			IAMB	IAMB	21 15 30.7	
K31A	O'Neill	24.23	101	P	P	21 15 27.6	-2.8
K31A	Kaye Z	24.23	101	P	P	21 15 34.1	+3.1
B35A	Bob, Littlefor	24.41	85	P	P	21 15 29.7	-2.2
B35A	comp-Z,11nm,0.8s			IAMB	IAMB	21 15 37.2	
T25A	San Pedro Mart	24.67	145	IAMB	IAMB	21 15 37.0	+2.6
SOLO	Sioux	24.75	80	P			

25d 21h

Table with columns: TIAR, Tareti, 71.53 198 eT, T, 22 39 29.7, etc. Lists various stations and their coordinates and times.

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Table with columns: SNA, Sanae, 150.85 150 PKPdf, PKPbc, 21 30 02.2 -2.7, etc. Lists stations like NANA, OTAV, SDV, CPUP, etc.

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Table with columns: NSTT, TATO, Taipei, 0.86 342 eP, Sn, 21 17 11.5 +0.6, etc. Lists stations like TWB1, TWB11, YULB, etc.

25/2 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSRS Korea Array, USRK Ussuriysk Arr, WRK Warramunga Arr, etc.

NEIC 25 22:05:44.3z, 1.2, 17.08N, 0.10x, 146.1E, 0.2, h171km, 7km, mb4.1/6, Error ellipse: s-maj=28.2km s-min=12.2km az=105.0

ICD 25 22:05:49.1z, 4.4, 17.20N, 145.51E, h209km, 4.3km, mb3.1/10, mb1.3/4/11, mb1mx3.2/45, mbtmp3.8/11, Error ellipse: s-maj=3.7km s-min=1.4km az=103.0

ISC 25 22:05:47.0z, 8.1, 17.18N, 0.09x, 145.7E, 0.2, h200km, n22, c=1516/21, mb3.6/13, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ANAZ Anatahan, ANAZ Anatahan, ANAZ Anatahan, etc.

IASPEI 25 22:08:54.0z, 0.8, 13.74N, 0.02x, 89.22W, 0.02, h11km, 4km, Error ellipse: s-maj=3.8km s-min=2.1km az=20.7, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <Seism. Res. Let.>, <8>, <0>, <465-472, 2009

NEIC 25 22:08:54.0z, 0.6, 13.73N, 0.04x, 89.16W, 0.08, h5km, 11km, Error ellipse: s-maj=11.7km s-min=5.9km az=77.0

SNET 25 22:08:54.2z, 1.3, 13.74N, 89.23W, h7km, 1km, ML3.6, Fault plane solution: NP1: 189.34000, 6.71.25000, 1.23.86000

UCR 25 22:08:54.3z, 1.3, 13.74N, 89.23W, h7km, 1km, ML3.8, MW4.0, Fault plane solution: NP1: 189.34000, 6.71.25000, 1.23.86000

INET 25 22:08:57.0z, 13.69N, 89.23W, h5km, ML3.3, ISC 25 22:08:59.0z, 13.75N, 0.02x, 89.21W, 0.02, h11km, 4km, P n6s, c=649/123, 27C-13D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include UESS Universidad de, UESS Universidad de, UESS Universidad de, etc.

2015 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OPAM Oficina de Pla, CRW Hotel Crowe Pl, IGN Direccin Gen, etc.

ML3.9/13, MLv3.7/13, Error ellipse: s-maj=0.0km s-min=0.0km az=106.8, Off west coast of South Island 1190

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DCZ Deep Cove, DCZ Puysegur Point, PYZ Mavora Lakes, etc.

IDC 25 22:19:57.5z, 0.5, 35.84N, 140.41E, h0km, mb4.8/29, mb1.4/9.33, mb1mx4.8/41, mbtmp4.8/33, ML4.7/4, MS4.1/29, Mb1.4/129, ms1mx4.0/43, Error ellipse: s-maj=12.8km s-min=11.0km az=99.0

NOU 25 22:19:58.0z, 35.81N, 140.72E, h2km, mb5.1, Near East Coast of Honshu, Japan

BUI 25 22:19:59.0z, 0.0, 35.80N, 140.50E, h20km, mb4.9/58, mb4.6/72, Ms4.5/63, Ms7.4/260

MOS 25 22:19:59.9z, 1.0, 35.92N, 140.51E, h28km, mb5.3/45, Error ellipse: s-maj=6.3km s-min=3.9km az=109.7

NEIC 25 22:20:01.8z, 1.1, 35.83N, 0.03x, 140.53E, 0.06, h35km, 4km, mb4.9/272, Mw4.9/23, Error ellipse: s-maj=7.1km s-min=4.3km az=114.0

NIED 25 22:20:01.7z, 35.88N, 140.48E, h37km, MW4.9, Moment Tensor solution. s3 Moment tensor: Scale 1019Nm; Mr:1.86; Mw:2.15; Ms:0.29; M0:0.70; M0:0.98; Mw:0.95; Fault plane solution: M2:51000x1016 NP1: 189.34000, 6.71.25000, 1.23.86000; NP2: 189.34000, 6.71.25000, 1.23.86000

NEIC 25 22:20:01.9z, 35.83N, 140.53E, h43km, Moment Tensor solution. Moment tensor: Scale 1016Nm; M2:5.6; Mw:2.59; Ms:0.03; M0:0.68; Mw:1.53; Mw:0.46; Fault plane solution: M3:11000x1016 NP1: 189.34000, 6.71.25000, 1.23.86000; NP2: 189.34000, 6.71.25000, 1.23.86000; Azm:233.0000; P: 0.4977, Plg:18.0000; Azm:67.0000; P: -3.3278, Plg:4.0000; Azm:336.0000

JMA 25 22:20:01.6z, 0.1, 35.88N, 140.48E, h37km, 1km, M5.0 Broadband fault plane solution: P waves: NP1: 189.34000, 6.71.25000, 1.23.86000; NP2: 189.34000, 6.71.25000, 1.23.86000; NP3: 189.34000, 6.71.25000, 1.23.86000; Azm:233.0000; P: 1.10600000; Principal axes: T: 189.34000, 6.71.25000, 1.23.86000; P: 189.34000, 6.71.25000, 1.23.86000; Azm:240.0000; P: 189.34000, 6.71.25000, 1.23.86000

JMA Felt VJ J1

GCMT 25 22:02:70.2z, 0.2, 35.85N, 0.01x, 140.59E, 0.02, h35km, MW5.0/97, Moment Tensor solution. s69.c96; s97.c130; Duration: 0 Moment tensor: Scale 1019Nm; Mr:4.37; 16; Mw:3.84; 10; Ms:0.53; 10; Mw:1.56; 11; Mw:1.51; 07; Mw:0.68; 11; Best double couple: Mw:4.71500x1016 NP1: 189.34000, 6.71.25000, 1.23.86000; NP2: 189.34000, 6.71.25000, 1.23.86000; NP3: 189.34000, 6.71.25000, 1.23.86000; Azm:233.0000; P: 1.10600000; Principal axes: T: 189.34000, 6.71.25000, 1.23.86000; P: 189.34000, 6.71.25000, 1.23.86000; Azm:240.0000; P: 189.34000, 6.71.25000, 1.23.86000

BGR 25 22:20:16.9z, 0.0, 38.08N, 139.82E, h42km, mb4.5, ISC 25 22:20:14.0z, 4.0, 35.86N, 0.02x, 140.56E, 0.03, h28km, 2km, h28km; PP-P, N: n796, c=1940/777, mb4.9/22, MS4.2/43, 45C-64D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JIHU Itakohorinouch, JIHU Itakohorinouch, JSMT Sammumatsuo, etc.

WEL 25 22:13:53.4z, 0.8, 45.5S, 136.16E, h12km, M3.7/13

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOU, JKH, JGF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DL2, DL2, SSE, etc.

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

25d 22h

Table with columns: CLL, Collm, Frequency, Power, Azimuth, Elevation, and other parameters for various stations.

2015 JAN

Table with columns: SDCO, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters for various stations.

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Table with columns: KOZT, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters for various stations.

ISK 25:22:21.51, 3.36; 95N, 36.34E, h13km, ML3.4/17

DDA 25:22:21.51, 3.36; 95N, 36.34E, h8km, 3km, MW3.5

ISC 25:22:21.51, 1.1, 36.95N, 0.03, 36.33E, 0.02, h12km, 9km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters for various stations.

NEIC 25:22:22.09, 0.9, 32.60N, 0.04, 109.07W, 0.03, h5km, 2km,

ML3.4/32, Error ellipse: s-maj=6.1km s-min=4.7km

ANF 25:22:22.0, 0.0, 32.59N, 109.13W, h3km, 5km, ML3.7/8,

Error ellipse: s-maj=3.5km s-min=2.1km az=179.0

ISC 25:22:22.09, 4.1, 3.32, 62N, 0.04, 109.10W, 0.03, h6km, 12km,

n32, c1902/40, Eastern Arizona

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

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

IDC 25 23:55:50.5, 0.8, 20.245S, 170.107E, h10km, mb3.9/7, mb1 4.2/7, mb1mx3.9/33, mbtmpt3.9/7, MS3.9/12, Ms1 3.9/12, ms1mx3.6/47, Error ellipse: s-maj=94.4km s-min=27.4km az=152.0

ISC 25 23:56:56.7, 1.7, 15.33S, 0.16, 177.1W, 0.3, h10km, n31, c=87919, mb4.0/7, MS4.0/13, Fiji Islands region

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

BJJ 25 23:55:48.1, 0.0, 20.245S, 170.27E, h130km, mb5.0/36, mb5.0/53

MOS 25 23:55:49.6, 1.0, 20.63S, 169.86E, h143km, mb5.2/38, Error ellipse: s-maj=8.1km s-min=7.7km az=85.3

IDC 25 23:55:50.5, 0.8, 20.67S, 169.82E, h142km, 6km, mb4.8/35, mb1 4.9/38, mb1mx4.8/49, mbtmpt5.1/38, MS3.9/14, Ms1 3.9/14, ms1mx3.7/36, Error ellipse: s-maj=9.6km s-min=7.5km az=155.0

NEIC 25 23:55:50.7, 1.6, 20.59S, 0.06, 169.89E, 0.08, h142km, 3km, az=93.0

NOU 25 23:55:51.2, 2.0, 20.53S, 169.84E, h139km, mb5.4, Vanuatu Islands

BGR 25 23:55:51.5, 0.2, 20.49S, 169.86E, h137km

GCMT 25 23:55:53.7, 0.1, 20.89S, 0.0, 169.82E, 0.01, h148km, 1km, MW5.2/138, Moment Tensor Solution

ISC 25 23:55:50.1, 0.3, 20.84S, 0.04, 169.92E, 0.04, h141km, 2km, n31, c=87919, mb4.0/7, MS4.0/13, Vanuatu Islands

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

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

MUN	baz=49,SNR=14	49.03	245	P	P	00	04	22.9	0.0	KMI		pP	pP	00	08	16.5	-0.3	TTA	Tatalina	87.51	15	P	P	00	08	23.0	+1.4				
MORW	baz=49,SNR=5.5	49.26	249	P	P	00	04	24.5	-0.2	KMI		sP	sP	00	08	26.8	-4.8	CCX	Cicese	87.51	55	P	P	00	08	22.0	+0.2				
MORW	baz=49,SNR=18	49.26	249	P	P	00	04	24.8	+0.1	KMI		SS	SS	00	17	33.8	+1.2	NVL	N'zarevskaya	87.56	187	fP	fP	00	08	20.5	-1.3				
TAOE	Nuku Hiva Isla	49.50	84	P	P	00	04	27.4	+0.6	KMI	comp=Z,30nm,1.0s	pmax	pmax	00	08	12.7	-2.6	NVL				eS	eS	00	08	52.7	-4.1				
LUCI	Luwuk	49.97	87	I	Amb	00	04	31.0	+0.8	KMI									NVL				pmax	pmax	00	18	43.3	-7.7			
LUCI						00	04	50.5		KMI	comp=Z,75nm,4.4s		LR	LR					ORV	Oroville	87.58	46	I	Amb	I	Amb	00	08	24.4		
KAPI	Kappang	51.09	281	P	P	00	04	39.1	+0.4	KMI	comp=Z,100nm,11.4s		LR	LR					M02C	Callahan	87.59	44	P	P	00	08	24.6	+2.1			
KAPI	Kappang	51.09	281	P	P	00	04	39.0	+0.4	KMI	comp=Z,120nm,13.5s		LR	LR					CMB	Columbia Cole	87.61	48	I	Amb	I	Amb	00	08	25.1		
KAPI						00	04	40.9		KMI	comp=Z,120nm,17.3s		LR	LR					109C	comp=Z,35nm,0.9s	87.62	54	P	P	00	08	23.9	+1.2			
GIRL	Giralia	51.55	257	P	P	00	04	43.4	+1.4	KMI	Kunming	79.55	302	P	P	00	07	43.6	+1.5	109C	Camp Elliot, M	87.62	54	P	P	00	08	23.8	+1.1		
GIRL	Giralia	51.55	257	P	P	00	04	43.0	+1.0	KMI	comp=Z,43nm,1.2s								109C	Camp Elliot, M	87.62	54	I	Amb	I	Amb	00	08	25.2		
HON	Honolulu	52.17	39	P	P	00	04	46.3	-0.2	KMI	Kunming	79.55	302	P	P	00	07	43.6	+1.5	RC01	Rabbit Creek A	87.67	18	P	P	00	08	24.2	+2.0		
HON	Honolulu	52.17	39	P	P	00	04	46.3	-0.2	KMI	comp=Z,43nm,1.2s								SUA	Susitna One	87.67	18	P	P	00	08	23.8	+1.4			
TOLIZ	Toitoli	52.71	288	P	P	00	04	50.8	+0.2	CMAR	Chiang Mai Arr	79.66	294	P	P	00	07	44.1	+1.6	SUA				I	Amb	00	08	26.6			
TOLIZ						00	04	52.0		CMAR	Chiang Mai Arr	79.66	294	eP	eP	00	07	44.4	+1.9	CBX	Cerro Bola	87.70	54	P	P	00	08	23.8	+0.5		
VNDA	Vanda	57.07	182	P	P	00	05	21.1	+0.1	CMAR	comp=Z,16nm,0.9s								K02D	Willamette Mer	87.73	43	P	P	00	08	24.6	+1.5			
SBA	Scott Base	57.28	181	P	P	00	05	24.9	+2.3	CMAR	Chiang Mai Arr	79.66	294	P	P	00	07	43.4	+1.2	O03E	Paynes Creek	87.74	45	P	P	00	08	24.6	+1.4		
SBA						00	05	24.9	+2.3	SDPT	Sand Point	79.77	17	P	P	00	07	42.6	+0.4	J01E	Myrtle Point	87.80	42	P	P	00	08	24.8	+1.5		
SBA						00	05	36.6		SDPT									SNA	Sanae	87.80	182	P	P	00	08	22.6	-0.4			
UGM	Wanagama	58.65	273	P	P	00	05	33.6	+0.4	CHTO	Chiang Mai	79.81	295	P	P	00	07	44.3	+1.0	SNA	Sanae	87.80	182	fP	fP	00	08	22.1	-1.0		
CASY	Casey	59.11	204	P	P	00	05	35.3	-0.1	CHTO	comp=Z,21nm,0.9s								SNA	Sanae	87.80	182	fP	fP	00	08	56.1	-1.9			
JOW	Kunigami	62.09	318	P	P	00	05	55.3	-0.8	CHTO									SNA	Sanae	87.80	182	P	P	00	08	22.1	-1.0			
JGF	Kuroka	63.88	331	I	Amb	00	06	10.1		CHIR	Chirikof Islan	81.57	19	P	P	00	07	54.0	+2.2	SNA	Sanae	87.80	182	P	P	00	08	22.1	-1.0		
JMN	Monobe	64.05	327	P	P	00	06	08.9	-0.1	CD2	Chengdu	81.59	307	P	P	00	07	53.5	+0.9	BWSC	Mount Baldy Ra	87.81	52	P	P	00	08	24.9	+1.1		
JMN						00	06	12.8		CD2									EDW	Edwards Air Fo	87.85	52	P	P	00	08	25.3	+1.5			
MJAR	Matsushiro	64.28	332	P	P	00	06	10.2	-0.2	BTO	comp=Z,20nm,0.5s								YBH	Yreka Blue Hor	87.85	44	P	P	00	08	25.5	+1.8			
MJAR	Matsushiro Arr	64.28	332	P	P	00	06	10.8	+0.4	SII	Baotou	82.50	318	eP	eP	00	07	48.0	-9.2	YBH	Yreka Blue Hor	87.85	44	P	P	00	08	25.5	+1.8		
MJAR						00	06	10.8	+0.4	HIA	Sikhnik Islan	82.62	19	P	P	00	07	56.7	0.6	YBH	Yreka Blue Hor	87.85	44	I	Amb	I	Amb	00	08	26.2	
MJAR						00	06	11.0	+0.6	HIA	Hailar	82.64	330	eP	eP	00	07	57.7	+0.2	ISA	comp=Z,22nm,0.9s	87.86	51	P	P	00	08	25.3	+1.4		
MAJO	Matsushiro	64.28	332	P	P	00	06	11.0	+0.6	ZE	Zeya	82.69	336	eP	eP	00	07	59.1	+1.4	BAR	Barrett	87.86	54	P	P	00	08	25.3	+1.4		
MAJO						00	06	13.6		ZE									BAR				I	Amb	00	08	26.3				
MAJO	Matsushiro	64.28	332	P	P	00	06	11.0	+0.6	OHAK	Old Harbor	83.45	19	P	P	00	08	01.7	+0.2	TKX	Teatate	87.86	54	P	P	00	08	23.2	-0.7		
MAJO						00	06	13.6		OHAK									MURC	Murieta	87.87	53	P	P	00	08	25.0	+1.1			
MAT	Matsushiro	64.28	332	P	P	00	06	10.6	+0.2	SYO	comp=Z,53nm,0.9s								SPX	San Pedro Mart	88.07	56	P	P	00	08	26.0	+0.7			
WAT	Wachi	64.54	329	I	Amb	00	06	15.1		SYO	comp=Z,3.9nm,0.8s, baz=146,slow=6.9,SNR=7.2	83.78	196	eP	eP	00	08	00.3	-0.2	ESJX	Sierra Juarez	88.12	55	P	P	00	08	28.4	+1.0		
TPUB	Ta-pu	64.92	310	P	P	00	06	14.4	-0.5	SYO	comp=Z,3.9nm,0.8s, baz=146,slow=6.9,SNR=7.2	83.78	196	eP	eP	00	08	06.4	-0.6	ESJX				I	Amb	00	08	28.4	+1.0		
TPUB						00	06	30.1		KD	Kodiak Island	84.13	19	P	P	00	08	06.0	+1.1	HUMO	Hull Mountain	88.13	43	I	Amb	I	Amb	00	08	28.2	
JNU	Nakatsue	65.17	324	P	P	00	06	15.8	-0.5	KD	Kodiak Island	84.13	196	eP	eP	00	08	06.0	+1.1	MONP	Monument Peak	88.14	54	P	P	00	08	26.9	+1.5		
JNU	Nakatsue	65.17	324	P	P	00	06	16.2	-0.1	KD	Kodiak Island	84.13	19	P	P	00	08	06.1	+1.2	IKP	In-Ko-Pah, Jac	88.27	54	P	P	00	08	27.5	+1.6		
JNU						00	06	17.8		KD	Kodiak Island	84.13	19	P	P	00	08	07.8	+2.1	RMX	La Rumorosa	88.28	54	P	P	00	08	27.2	+1.2		
YHNB	Yeheng	65.25	311	I	Amb	00	06	18.7		LZH	Lanzhou	84.14	312	fP	fP	00	08	41.3	+0.5	RMX				I	Amb	00	08	28.9			
JHS	Saijiyo	65.44	327	P	P	00	06	18.6	+0.6	LZH									I02D	Swisshome	88.34	41	P	P	00	08	27.5	+1.7			
JHS						00	06	19.9		LZH									LRMC	Laurel Mtn Rad	88.35	51	P	P	00	08	27.5	+1.2			
JSD	Sado	65.51	333	I	Amb	00	06	20.0		SEY	comp=Z,34nm,1.1s								L04D	Klamath Falls	88.36	43	P	P	00	08	27.5	+1.3			
JTM	Tenmabayashi	66.74	336	P	P	00	06	26.6	+0.5	SEY	Seychman	84.43	352	P	P	00	08	06.4	0.0	ULN	Ulaanbaatar	88.36	323	fP	fP	00	08	26.3	+0.2		
QSPA	South Pole Qui	67.43	180	P	P	00	06	43.1	+0.3	SEY	comp=Z,3.9nm,0.8s, baz=146,slow=6.9,SNR=7.2	83.78	196	eP	eP	00	08	13.1		ULN	Ulaanbaatar	88.36	323	fP	fP	00	08	26.3	+0.2		
QSPA	South Pole Qui	69.43	180	P	P	00	06	43.0	+0.2	GAMB	Gambell	85.35	8	I	Amb	00	08	11.4	+0.1	ULN	Ulaanbaatar	88.36	323	P	P	00	08	26.5	+0.4		
QSPA						00	06	44.2		PMSA	Palmer Station	85.39	160	P	P	00	08	10.9	-0.4	ULN	Ulaanbaatar	88.36	323	P	P	00	08	28.0			
TJN	Taejon	69.52	324	fP	fP	00	06	44.8	+1.3	PMSA	Palmer Station	85.39	160	P	P	00	08	11.8	-2.7	ULN	Ulaanbaatar	88.36	323	P	P	00	08	28.0			
KSR5	Korea Array	70.02	325	P	P	00	06	46.6	+0.1	MCCI	Marconi Center	85.94	47	P	P	00	08	17.1		VNA3	Neumayer Olym	88.37	180	P	P	00	08	25.3	-0.4		
CRS	West Island	70.13	264	fP	fP	00	06	46.9	-0.9	MCCI	Marconi Center	85.94	47	P	P	00	08	17.1		BBRC	Big Bear Solar	88.37	52	P	P	00	08	27.9	+1.4		
YSS	Yuzh-Sakhalins	71.60	341	e	e	00	06	57.4	+1.5	SNCC	San Nicolas Is	85.98	52	P	P	00	08	16.6	+1.9	OMMB	Old Mammoth Mi	88.38	49	P	P	00	08	27.7	+1.1		
YSS						00	07	15.4		SNCC	San Nicolas Is	85.98	52	P	P	00	08	16.1	+1.3	OMMB				I	Amb	00	08	28.7			
YSS						00	07	15.4		SNCC	San Nicolas Is	85.98	52	P	P	00	08	16.6	+1.9	YAK	Yakutsk	88.39	342	eP	eP	00	08	25.3	-0.3		
ADK	Adak	73.15	9	P	P	00	07	05.9	+0.9	SVW2	Sparrevohn	86.06	16	P	P	00	08	15.8	+1.3	YAK	Yakutsk	88.39	342	eP	eP	00	08	25.3	-0.3		
ADK	Adak	73.15	9	P	P	00	07	05.9	+0.9	HOPS	Hoiland Field	86.24	46	I	Amb	00	08	16.9	+1.0	YAK	Yakutsk	88.39	342	eP	eP	00	08	25.3	-0.3		
ADK	Adak	73.15	9	P	P	00	07	06.5	+0.9	HOPS									YAK	Yakutsk	88.39	342	P	P	00	08	25.8	+0.2			
ADK	Adak	73.15	9	P	P	00	07	06.5	+0.9	SCZ2	Santa Cruz Isl	86.24	52	P	P	00	08	17.6	+1.5	YAK	Yakutsk	88.39	342	P	P	0					

25d 23h

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like GSC Goldstone, BAR Chiloquin, COR Corvallis, etc.

2015 JAN

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like TUC comp=Z,25nm,1.0s, TLY Talaya, TLY comp=Z,7.2nm,18.7s, etc.

1198

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like PDAR Pinedale Array, S22A 4UR Ranch, INK Inuvik, etc.

26d Oh

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Ladybower, Peshkopia, OHR, SOKA, etc.

2015 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Toumodi, Torodi Arr, etc.

1200

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Songino Array, H1N2, H1N1, etc.

26d 3h

Table with columns: F05D, White Salmon, 1.01 161, P, Pg, 02 36 54.0 -1.3, etc. Includes various station codes and coordinates.

2015 JAN

Table with columns: MGB, Mount Grey, 2.85 320, P, Pn, 02 37 22.8 +1.6, etc. Includes station codes and coordinates.

1206

Table with columns: NEIC 26 03:30:15.2, 2.7, 41.29N, 0.06, -48.88E, 0.08, h50km, 5km, etc. Includes station codes and coordinates.

26d 3h

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like AML, EKS2, BRVK, etc.

2015 JAN

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like ISAL, CRVS, KSH, etc.

1208

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like SEM, SHAO, KRCL, etc.

Table with columns: SNST, Tainan City, 2.04 260J, eP, Pb, 04 08 41.3 0.0, etc. Lists various station data for Tainan City and other locations.

Table with columns: STKA, Stephens Creek, 58.04 161, P, P, 04 18 08.1 +11, etc. Lists station data for Stephens Creek and other locations.

DRS 26 04:19:29.2, 0.4174N, 48.84E, h4km, ML3.1/4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists station data for Eastern Caucasus region.

IDC 26 04:20:42.5, 1.6, 2:57N, 128.39E, h0km, mb3.9/5, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists station data for various locations including TNTI, SGTI, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists station data for various locations including MARE, YATNC, PINNC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Kodiak Island, SNA, CAHPT, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ARCES, SJP, HJM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLF, BNC, DBIC, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like AP01 Chacalluta, PB16 IPOC Station P, NM0C Minye Minye, etc.

Table with columns: ITAB, Concordia, 2015 127, etc. Rows include stations like BIAL2 Monte Alegre, B102 San Fabin de, PLMC San Jose del P, etc.

Table with columns: CCUT Cedar City, MSU Marysville, RVU Marysville, etc. Rows include stations like CCUT Cedar City, MSU Marysville, RVU Marysville, etc.

NNC 26 05:36:14.2, 3.1, 53:58N:86:95E, h0km, mb2.6, mpv2.4, Error ellipse: s-maj=26.6km s-min=12.6km az=51.0, Suspected Mining explosion.

IDC 26 05:36:14.9, 2.2, 53:58N:87:02E, h0km, mb1 2.7/2.2, mb1mx2.6/4.6, mbtmp2.7/2.1, ML2.4/2.4, 4C-4D, Error ellipse: s-maj=20.3km s-min=12.9km az=76.0, Southwestern Siberia

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, ZAAO 1.5nm, 0.7s, etc.

26d 5h

MKAR 0.1nm,0.3s,baz=24,slow=24,SNR=5.7 Sn Sn 05 39 29.8 -1.4
MKAR 0.0nm,0.3s,baz=20,slow=26,SNR=4.2 Lg Lg 05 40 13.8

MOS 26 05:36:36.2-1.7,41.24N-49.13E,h19km,mb3.9/1, Error ellipse: s-maj=8.5km s-min=6.0km az=37.3
AZER 26 05:36:37.5-0.0,41.17N-48.70E,h6km,ml3.5/31, Error ellipse: s-maj=0.6km s-min=0.4km az=235.0
MOS 26 05:36:38.0-0.0,41.24N-48.66E,h11km,MPV4.1
DRS 26 05:36:39.5-0.0,41.56N-48.91E,h14km,ML3.5/7
IDC 26 05:36:39.1-1.1,41.32N-48.78E,h34km,8km,mb3.7/6, mb1 3.7/12,mb1mx3.4/53,mbtmp3.7/12,ML3.1/5,MS2.7/3, Ms1 2.7/3,ms1mx2.4/41, Error ellipse: s-maj=19.5km s-min=9.6km az=165.0

NNC 26 05:36:43.5-3.0,41.59N-49.70E,h0km,mb3.7, Error ellipse: s-maj=42.5km s-min=20.8km az=103.0
ISC 26 05:36:38.4-0.6,41.25N-0.02,48.83E-0.02,h30km,4km, n85,-e233/142,mb3.7/6,10C-11D,Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like SIZA, QUBA, QUBA ATGJ, etc.

2015 JAN

Table with columns: ASTR, Astar, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like ASTR, Astar, GROC, etc.

IDC 26 05:39:27.2-1.9,62.31N-151.87W,h65km,20km,mb3.2/6, mb1 3.5/11,mb1mx3.3/65,mbtmp3.5/11,MS3.4/1, Ms1 3.4/1,ms1mx2.5/24, Error ellipse: s-maj=19.6km s-min=14.4km az=101.0
ANF 26 05:39:29.0-0.8,62.28N-151.27W,h97km,7km,ML3.8/14, Error ellipse: s-maj=9.1km s-min=4.1km az=92.0
NEIC 26 05:39:29.7-0.9,62.27N-151.42W,0.07,h92km,5km, Error ellipse: s-maj=5.2km s-min=2.4km az=69.0
AEIC 26 05:39:30.1-1.1,62.26N-151.42W,0.06,h89km,5km, ML3.4,ML3.7/88(NEIC), Error ellipse: s-maj=4.8km s-min=3.5km az=132.0

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

1216

Table with columns: RND, Reindeer, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like RND, Reindeer, KNK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALM Baldy, BCAR Beaver Creek A, KIAG Kianga River, etc.

SKHL 26 05:44:39.6; 0.2, 43.777N; 148.55E, h62km, 2km, mb3.4/3
IDC 26 05:44:40.7; 1.8, 45.00N; 147.20E, h168km, 18km,
mb3.2/10, mb1 3.5/12, mb1mx3.2/47, mb1mx3.7/12, Error
ellipse: s-maj=19.3km s-min=14.2km az=137.0

JMA 26 05:44:41.7; 0.4, 44.56N; 147.31E, h162km, M3.4
ISC 26 05:44:40.4; 0.8, 44.73N; 0.08; 147.31E; 0.07, h172km, 6km,
n32, r146/44, mb3.4/10, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, GRPR Tuman, JRA Rausu, etc.

IDC 26 05:48:10.4; 1.8, 14.34S; 177.57W, h0km, mb3.8/5,
mb1 4.2/5, mb1mx3.9/27, mb1mx3.8/5, MS3.7/16,
Ms1 3.7/16, ms1mx3.8/27, Error ellipse: s-maj=125.0km
s-min=28.0km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPT2 Papeete2, TBI Tubu, NKVA Nuku Hiva Isla, etc.

NNC 26 06:06:25.0; 1.0, 54.51N; 86.91E, h0km, mb2.8, mpv2.6,
Error ellipse: s-maj=13.1km s-min=6.1km az=166.0,
Suspected Mining explosion.

IDC 26 06:06:26.2; 2.7, 54.51N; 86.89E, h0km, mb1 3.2/2,
mb1mx3.0/35, mb1mx3.2/2, ML2.9/2, 6C, Error ellipse:
s-maj=22.3km s-min=16.0km az=55.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

IDC 26 06:12:03.0; 0.8, 11.44S; 56.71W, h0km, mb3.9/7,
mb1 4.2/12, mb1mx4.0/32, mb1mx4.0/12, ML4.0/5, Error
ellipse: s-maj=22.1km s-min=16.2km az=74.0

VAO 26 06:12:02.5; 0.3, 11.49S; 56.73W, h0km, mbR3.9
ISC 26 06:12:03.0; 0.6, 11.47S; 0.05; 56.66W; 0.06, h10km, n30,
r174/34, mb4.0/7, Brazil

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VILB Vilhena, NPGB Novo Progresso, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

JMA 26 06:32:50.9; 0.1, 23.99N; 122.27E, h19km, 3km, M2.3
TAP 26 06:32:51.8; 2.1, 11N; 122.26E, h23km, ML2.7, D
ISC 26 06:32:51.4; 1.2, 24.06N; 0.02; 122.27E; 0.02, h20km, 4km,
n72, c083/141, Taiwan region

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

MEX 26 06:27:28.5; 0.3, 15.16N; 91.98W, h6km, 17km, MD3.6,
Mexico-Guatemala border region

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Barrow, KLMM, KLKR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AUMIH, AUSIV, FINES, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSP, RES, RES, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Patillas Dam, Sierra Bellavi, PUERTO BERRIO, etc.

WEL 26 07:11:19.0,36'S;91°17'E;3'0",h273km,16km,M3.2/18, mb4.1/1,MLV3.2/18,Mw(mB)3.1/1 Error ellipse: s-maj=0.0km s-min=0.0km az=83.2, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Te Kaha, Waiomatatini S, Pakitini, Raukumara Rang, etc.

IDC 26 07:14:39.7±6.8,0°52'N;100°25'W,h0km,mb3.8/6, mb1 4.2/6,mb1mx3.9/23,mbtmp3.8/6,MS3.3/2,Ms1 3.3/2, ms1mx2.9/22, Error ellipse: s-maj=150.3km s-min=116.6km az=122.0, Galapagos Triple Junction region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Matias Romero, La Paz, Lajitas Array, etc.

DJA 26 07:23:44.8±0.3,7°S;3°11'E;1",h10km,M4.0/9,MLV4.0/9, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tambak Boyo, Wonogiri, Kalianget, etc.

KNET 26 07:30:53.8±0.4,42°86'N;74°11'E,h20km,4km,m12.5, Error ellipse: s-maj=3.4km s-min=2.3km az=151.0

SOME 26 07:30:54.6,42°90'N;74°08'E,h20km KINET 26 07:30:54.6±0.1,42°88'N;74°10'E,h22km,mb3.6 NNC 26 07:30:54.6±0.3,42°92'N;74°15'E,h0km,mb4.2,mpv4.0, Error ellipse: s-maj=1.7km s-min=1.4km az=69.0

ISC 26 07:52.4,1.1,42.91N;0°02.74,09E;0.01,h9km,10km,n89,c1542/154,49C-17D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Erkin-Say, Karatobe, Alma-Ata, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRKS, MRKS, MRKS, SGDS, SGDS, etc.

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

IDC 26 07:32:25.1±0.5,0°72'N;30°19'W,h0km,mb4.2/23, mb1 4.3/24,mb1mx4.2/49,mbtmp4.2/24,ML4.0/1,MS4.3/16, Ms1 4.3/16,ms1mx4.1/40, Error ellipse: s-maj=19.7km s-min=12.1km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RCBR Riachuelo, RCBR Rio Formoso, etc.

Table with columns: BRTR Keskin Array B, Z3SA Perchaven, AKASA Malin Array B, etc.

Table with columns: IDC 26 07:38:43.0, 54:19N-87:31E, h0km, mb1 3.0/2, etc.

Table with columns: NEIC 26 07:46:05.8, 1.6, 17.9N; 0.1x102:99W:0.06, h20km, 7km, etc.

Table with columns: IDC 26 07:46:06.7, 1.3, 17.91N; 0.07:103:04W:0.05, h30km, 6km, etc.

Table with columns: IDC 26 07:59:52.5, 2.8, 54:20N-86:39E, h0km, mb1 2.8/2, etc.

Table with columns: IDC 26 08:18:50.0, 2.4, 54:15N-87:31E, h0km, mb3.3, mpv3.0, etc.

NOU 26 08:07:21.1, 40:86S-174:64E, h126km, MLV3.5, Cook Strait, New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KIW Kapiti Island, OWGW Otaki Gorge, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR, YKA Yellowknife Ar, YFO Pinyon Flats O, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 26 09:05:04.3, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

PGC 26 08:23:28.0-4.6, 47.97N:128.99W, h10km, ML3n3, 1/23, MW3.8/23, 261km Wsw of Tofoa, Bc Off Coast Of Washington

IDC 26 08:23:30.1, 48.16N:128.77W, h0km, mb3.4/3, mb1 3.9/12, mb1mx3.7/46, mbtmp3.7/12, ML3.2/8, MS3.6/6, Ms1 3.6/6, ms1mx3.2/27, Error ellipse: s-maj=32.9km s-min=12.4km az=66.0

ISC 26 08:23:31.0, 1.48, 17N:0.05, 128.71W:0.08, h10km, n84, r1508/101, mb3.4/3, Vancouver Island region

IDC 26 08:24:11.4, 3.8, 55.44N:85.95E, h0km, mb1 2.6/2, mb1mx2.6/43, mbtmp2.6/2, ML2.4/2, Error ellipse: s-maj=30.9km s-min=23.6km az=36.0, Southwestern Siberia

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

TEH 26 08:28:43.8, 29.86N:52.18E, h10km, ML3.1, THR 26 08:28:47.4, 0.3, 29.87N:51.90E, h6km, 10km, ML3.3, OMAN 26 08:28:48.1, 0.6, 29.55N:52.12E, h130km, mb4.1/4, m3.3/2, Error ellipse: s-maj=16.0km s-min=10.8km az=252.0

ISC 26 08:28:43.6, 1.0, 29.76N:0.05, 52.14E:0.05, h10km, n23, r1777/31, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHI Shiraz, SHI Shiraz, KAZI Kazerun, KLNJ Kolanjah, etc.

IDC 26 09:16:49.3, 1.0, 32.49N:93.48E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.6/49, mbtmp3.8/7, ML3.1/1, MS3.3/1, Ms1 3.3/1, ms1mx2.4/53, Error ellipse: s-maj=47.4km s-min=20.6km az=60.0

ISC 26 09:16:52.5, 0.9, 32.49N:0.1, 93.33E:0.1, h22km, n19, r0869/18, mb3.8/6, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAPN Tapelejung, ODAN Odare, GUN Gumba, etc.

NIED 26 09:26:08.4, 21.03N:122.63E, h0km, MW3.9, Moment Tensor Solution, s2 Moment tensor, Scale 10^14Nm, M0.0, Mw1.13, Mw1.176, Mw1.228, Mw2.336, Mw3.671, Fault plane solution: M=9.24000e+10, NP1=9.00000e+8, 887.00000, lambda.107.00000, NP2=107.00000e+8, 817.00000e+8, 1.9.00000e+8

JMA 26 09:26:08.3, 0.5, 21.03N:122.62E, h0km, M3.9, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATJ Hateruma jima, HATJ Hateruma jima, JKRS Kuro-shima, etc.

IDC 26 09:32:00.0, 1.4, 52.57N:131.89W, h0km, mb3.6/3, mb1 3.6/8, mb1mx3.6/22, mbtmp3.3/4, Error ellipse: s-maj=117.6km s-min=141.6km az=101.0, West of Galapagos Islands

PGC 26 09:32:00.5, 0.9, 52.57N:131.90W, h16km, ML3.2/13, 75km south of Sandspit, Bc Haida Gwaii Region

ISC 26 09:31:59.7, 1.4, 52.57N:131.82W:0.04, h2km, 10km, n37, r1978/48, mb3.5/3, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HG1B Mitchell Dam, HG1B Mitchell Dam, HG4B Hotspring, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEMF NEPTUNE Canada, NC27 ODP1027, NC89 ODP889, etc.

IDC 26 09:03:18.2, 1.3, 0.57S:124.38E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/42, mbtmp3.4/4, Error ellipse: s-maj=182.9km s-min=22.2km az=66.0

DJA 26 09:03:23.4, 0.3, 1.5, 12.2, 12.4E, h10km, M4.1/11, mb4.2/3, mb5.1/2, MLV4.0/11, MW(MB)4.5/2

ISC 26 09:03:20.9, 0.8, 0.69S:108.124.6E:0.1, h10km, n12, r1953/14, mb3.3/4, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, YKA Yellowknife Ar, ILAR Eielson Array, etc.

NNC 26 09:05:04.2, 2.1, 53.81N:86.87E, h0km, mb2.6, mpv2.5, Error ellipse: s-maj=23.2km s-min=10.8km az=25.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WOSS, CBB, FSB, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HGB, MOCB, DIB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ULM, RES, TXAR, etc.

SOME 26 09:47:45.0, 43.52N, 69.65E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=7.3km s-min=5.3km az=177.0, Suspected Missing explosion.

KRNET 26 09:47:52.7, 42.91N, 69.53E, mb2.6, ISC 26 09:47:47.2, 1.4338N, 0.076973E, h0km, m29, 011448, 24C-16D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK08, KK09, KK03, etc.

IDC 26 10:16:24.7, 0.9, 56.47S, 150.51W, h0km, mb4.0/4, mb1 4.2/4, mb1mx4.0/25, mbtmp4.0/4, MS3.6/6, Ms1 3.6/6, ms1mx3.3/21, Error ellipse: s-maj=45.9km s-min=24.0km az=16.0

ISC 26 10:16:26.2, 1.0, 56.55S, 0.3, 150.5W, 0.2, h10km, n32, 1106J9, mb4.0/5, MS3.5/9, Pacific-Antarctic Ridge

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H03S2, H03S1, H03S3, etc.

NEIC 26 10:25:51.5, 0.8, 18.9N, 0.2, 68.06W, 0.09, h53km, 50km, Error ellipse: s-maj=24.6km s-min=10.9km az=196.0, RSPR 26 10:25:52.1, 18.98N, 68.07W, h26km, 14km, MD3, 1/9, ISC 26 10:25:48.6, 6.1, 19.14N, 0.09, 67.89W, 0.06, h20km, n43, 1103/43, 3C-8D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AGPR, MPR, LSP, etc.

IDC 26 10:48:00.4, 1.0, 5.21N, 73.81W, h159km, 6km, mb3.0/2, mb1 3.3/3, mb1mx2.9/39, mbtmp3.5/3, Error ellipse: s-maj=39.3km s-min=21.2km az=104.0, RSN 26 10:48:01.2, 0.9, 5.27N, 73.73W, h148km, 4km, ML3.3, Mw3.6

ISC 26 10:47:59.6, 0.9, 5.29N, 0.03, 73.74W, 0.04, h161km, 6km, n31, 1103/57, 7C-2D, Colombia

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

26d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUERTO BERRIO, GUY2C, RREF, BARRICA, ANIL, HELC, ORTC, TARC, PAMC, ZARC, PLMC, OCAC, DBBC, MACC, SMLC, MOTC, ARGC, SDV, CAPC, PLCA, YKA, WRA.

NEIC 26 10:49:45.1±0.7, 0.423S±0.09, 173.8E±0.1, h187km, 5km, Error ellipse: s-maj=14.1km s-min=9.1km az=145.0

NOU 26 10:49:45.0, 0.4020S, 173.76E, h186km, MLV4.0, Cook Strait, New Zealand

WEL 26 10:49:48.3, 4.0 S±2.1, 17.4E±1.1, h151km, 3km, M.0/25, MLV4.0/25, Error ellipse: s-maj=0.0km s-min=0.0km az=50.6

ISC 26 10:49:45.1±1.6, 0.428S±0.04, 173.79E±0.05, h174km, 10km, n189, e1931/205, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DUWZ, NMEZ, LREZ, PREZ, NNZ, KHEZ, TCW, NBEZ, KIWI, NEZ, WAZ, PKEZ, QNZ, DREZ, TUWZ, OHWZ, GOWZ, SNZO, WEL, MHEZ, CAW, VERA, BHW, MRZ, BSWZ, BSWZ, HFWZ, CMWZ, CMWZ, PKVZ, MTWZ, MTWZ, MSWZ, THZ, PAWZ, TIWZ, TSZ, PRWZ, WNVZ, DRZ, PLWZ, PLWZ.

2015 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FWVZ, WHVZ, MOVZ, TWVZ, NGVZ, TMWZ, WTVZ, TRVZ, CVVZ, KVVZ, ETVZ, TMVZ, PNHZ, BFZ, BRZ, BHZ, CPWZ, HIZ, KATZ, OKVZ, ANWZ, RITZ, KRHZ, RAITZ, DSZ, KHZ, WATZ, PRHZ, KWHZ, HTZ, WHTZ, BKZ, BKZ, PXZ, TLZ, KUTZ, MCHZ, KAHZ, MRHZ, WPRZ, CKHZ, NMHZ, ALRZ, GRRZ, ARHZ, PRRZ, HSRZ, GVVZ, LTZ, MTHZ, LUTZ, HLRZ, NGRZ, TRRZ, RPHZ, WHHZ, MUGZ, KARZ, OMRZ, RTZ, MKRZ, INZ, AMCZ, LIFZ, SHZ, EDJZ, MARZ, ONRZ, KPRZ, URZ, URZ, AWAZ, OXZ, OXZ, RAGZ, KMRZ, MWZ, MWZ, MOZ, MOZ, RVCZ, WVZ, MBZ, WIAZ, TKGZ, AKCZ, RACZ, RUGZ, KUZ, CNGZ, TWGZ, WACZ, GCSZ, RPRZ, RPZ, HAZ, PKGZ, PUZ, ARCZ, WCVZ, WMGZ, FOZ, FOZ, MXZ, MXZ, MXZ, LBZ, LBZ, OUZ, OUZ, OUZ, JCZ, WKZ, WKZ, EAZ, HHSZ, MSZ, TUZ, MLZ, MLZ, WHZ, WHZ, APZ, APZ, CTZ.

DNK 26 10:51:56.7, 2.1, 65.39N, 37.94W, h27km, 9km, ML3.5, 1D, Probable volcanic, Eastern Kailash Nunata

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ICESG, SFJD, SFJD, NRS, NRS, NRS, NUUK, NUUK, SUMG, SUMG, SUMG, SUMG, SUMG, SCO, SCOP, UPNV, UPNV.

WEL 26 10:54:43.3±0.9, 36.5±12.1, 179E±1.4, h213km, 12km, M3.8/30, mB4.3/1, MLV3.8/30, Mw(mB)3.5/1, Error ellipse: s-maj=0.0km s-min=0.0km az=119.5, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ, MXZ, WMGZ, HAZ, PKGZ, PUZ, RUGZ, TWGZ, CNGZ, KMGZ, MWZ, URZ, RAGZ, RAGZ, RIGZ, RIGZ, MUGZ, KMRZ, RTZ, SNGZ, SNGZ, KHZ, KHZ, MUGZ, TOZ, RAHZ, RAHZ, MAHZ, WHHZ, WHHZ, MRHZ, NMHZ, ARHZ, BKZ, KWHZ, TMVZ, OTVZ, HIZ, HIZ, KRHZ, KRHZ, BHZ, FWVZ, PNHZ, PHZ, TSZ.

IDC 26 11:02:18.6±2.1, 37.68S±73.93W, h0km, mb3.9/2, mb1 4.0/4, mb1mx3.8/15, mbtmp3.8/4, ML4.1/2, MS3.1/3, Ms1 3.1/3, Ms1mx2.9/25, Error ellipse: s-maj=58.1km s-min=22.0km az=54.0

GUC 26 11:02:23.1±0.5, 37.59S±73.68W, h21km, 3km, ML3.9

ISC 26 11:02:20.9±3.4, 37.59S±0.05, 73.68W±0.08, h8km, 23km, n14, e1910/15, SC, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LAJA, LAJA, LAJA, BI04, BI04, BI04, BI03, BI03, LC01, LC01, BI02, BI02, BI02, PLCA, PLCA, H03S1, H03S3, H03S2, CPUP, BDFB, TXAR, DBIC.

IDC 26 11:07:43.0±0.3, 20.97N±80.55E, h0km, mb3.2/4, mb1 3.5/6, mb1mx3.2/50, mbtmp3.3/6, ML3.5/2, Error ellipse: s-maj=115.6km s-min=22km az=67.0

ISC 26 11:07:47.0±2.9, 29.3N±1.81E±0.07, h17km, n8, e07779, mb3.4/5, Nepal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NDI, NDI, MKAR, CMAR, KURBZ, ZALV, WRA, ASAR.

BGR 26 11:25:01.7-0.4,49.35N-88.33E,h10km,mb4.7
IDC 26 11:25:05.3-0.4,49.65N-87.69E,h0km,mb4.5/29,
mb1.4/35,mb1mx4.4/60,mbtmp4.5/35,ML4.2/27,MS3.7/22,
Ms1.3/72,ms1mx3.5/48,Error ellipse: s-maj=11.8km
s-min=6.8km az=6.0
ASRS 26 11:25:06.5-0.3,50.1N-2.8E,h5km,MLH5.1/12,
smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID
smi:org.gfz-potsdam.de/geofon/isp91 confirmed
NMC 26 11:25:07.3-0.8,49.89N-87.48E,h0km,mb5.3,mpv5.1,
Error ellipse: s-maj=8.6km s-min=4.4km az=99.0
MOS 26 11:25:07.1-1.9,49.77N-87.54E,h21km,mb4.9/30,Error
ellipse: s-maj=5.8km s-min=5.4km az=115.7
BUJ 26 11:25:07.8-0.0,49.70N-87.67E,h22km,mb4.6/35,
mb4.5/48,ML5.0/8,Ms4.5/42,Ms7.4/2/38
NEIC 26 11:25:11.7-1.9,49.73N-0.07E,87.5Ei:0.1,h45km,1km,
mb4.6/65,Error ellipse: s-maj=10.2km s-min=9.6km
az=88.0

ISC 26 11:25:06.8-0.6,49.95N-0.02E,87.62E,0.02,h7km,3km,
n387,r1572/426,mb4.7/128,MS3.8/25,48C-17D,
Kazakhstan-Xinjiang border region

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

Main table of seismic events for January 2015. Columns include: BRVK, Time, Magnitude, Location (e.g., Borovoye, Karagaybulak), Depth, and other parameters.

Table of seismic events for the last 26 days and 11 hours. Columns include: Station Name, Time, Magnitude, Location, Depth, and other parameters.

Table with columns: STKA, Stephens Creek, 48.22 276 P, 2.4nm, 0.8s, baz=134, slow=10, SNR=4.0

JMA 26 11:26:20.40.1, 241°07'N, 122°52'E, h33km, 3km, M2.5

Main table for station 1229, listing station names, codes, and seismic data.

Main table for station 2015 JAN, listing station names, codes, and seismic data.

IDC 26 11:30:56.3, 1.0, 9°67'N, 122°38'E, h0km, mb3.9/6, mb1.3/9/6, mb1mx3.6/42, mbtmp3.9/6, MS3.2/3, Ms1.3/2/3, ms1mx2.8/50, Error ellipse: s-maj=45.2km s-min=18.6km az=68.0

Table for station 26d 11h, listing station names, codes, and seismic data.

OTT 26 11:35:36.5, 0.2, 71°53'N, 68°89'W, h18km, MN3.7/1, 120km northeast from Clyde River, Nu Baffin Bay Seismic Zone

Table for station 26d 11h, listing station names, codes, and seismic data.

DNK 26 11:56:21.9, 4.4, 81°42'N, 0°09'W, h385km, 52km, ML3.4, IDC 26 11:56:28.4, 0.6, 81°55'N, 4°58'W, h0km, mb3.7/15, mb1.3/9/17, mb1mx3.7/54, mbtmp3.8/17, ML3.9/2, MS3.6/27, Ms1.3/6/27, ms1mx3.4/58, Error ellipse: s-maj=22.0km s-min=12.4km az=21.0

Table for station 26d 11h, listing station names, codes, and seismic data.

PRU 26 14:23:32.9,0.0,46.12N,12.11E, h0km
 VIE 26 14:23:32.1,0.1,46.13N,12.10E, h6km, 3km, mb, 2.6/12,
 m3.4/15, Error ellipse: s-maj=1.0km s-min=0.8km az=11.0
 9 km W of Belluno
 LDG 26 14:23:34.0,0.1,46.19N,12.20E, h12km, ML3.2/29, Error
 ellipse: s-maj=3.3km s-min=2.3km az=163.0
 BGR 26 14:23:35.0,0.5,46.19N,12.16E, h5km, ML2.9/9, Error
 ellipse: s-maj=1.1km s-min=4.4km az=2.0
 STR 26 14:23:41.7,5.2,46.16N,16.1E, h2, h10km, MLV3.5/8,
 smi:scs:0.6/LOCSAT earthModelID
 smi:scs:0.6/haslach_taup-2_1
 ISC 26 14:23:32.1,0.8,46.13N,12.11E,0.01, h12km, 5km,
 n171,-1979/253,9C-4D, Northern Italy

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
VARN	Col Varnada, M	0.14	189f	ePg	14 23 35.4	+0.2
VARN				eSg	14 23 37.7	-0.4
FAU	Forcella Aurin	0.14	312f	ePg	14 23 35.6	-0.1
FAU				eSg	14 23 38.3	0.0
AGOR	Agordo	0.16	338f	ePg	14 23 35.8	-0.1
AGOR				eSg	14 23 38.5	0.0
CSO	Casso	0.19	43f	ePg	14 23 36.2	-0.2
CSO				eSg	14 23 39.0	-0.3
FRBE	Fregona	0.19	128f	ePg	14 23 36.4	-0.1
FRBE				eSg	14 23 39.9	+0.6
CAE	Caneva	0.24	121f	ePg	14 23 37.4	+0.2
CAE				eSg	14 23 41.6	+0.8
CIMO	Cimolais	0.28	50f	ePg	14 23 37.5	-0.3
POLC	Polcenigo	0.28	113f	ePg	14 23 37.6	-0.2
POLC				eSg	14 23 43.1	+1.6
POLC				AML		
POLC	comp=E,10075µm,0.6s			AML		
POLC	comp=N,16800µm,0.3s			AML		
POLC	comp=N,16800µm,0.3s			AML		
ED06	Collalto TV	0.28	170f	ePg	14 23 38.2	+0.4
ED06				eSg	14 23 42.5	+0.8
CRND	Cornuda	0.30	188f	ePg	14 23 38.6	+0.6
CRND				eSg	14 23 41.6	+1.6
MTLO	Montello	0.32	185f	ePg	14 23 39.1	+0.5
MTLO				eSg	14 23 44.6	+1.7
CGRP	Cima Grappa	0.34	223f	ePg	14 23 38.5	-0.6
CGRP				eSg	14 23 44.3	+0.5
CTI	Castel Tesino	0.35	256f	ePg	14 23 38.7	-0.4
CTI				AML		
CTI	comp=E,8030µm,1.5s			AML		
ASOL	Asolo	0.37	206f	ePg	14 23 39.5	+0.1
AFL	Alpe Faloria	0.40	41f	ePg	14 23 40.6	-0.6
AFL				eSg	14 23 46.7	-0.6
CSMI	Casera Mimosias	0.52	43f	ePg	14 23 42.3	0.0
PANI	Panarotta	0.56	262f	ePg	14 23 43.5	+0.4
PANI				eSg	14 23 51.2	+0.6
MPRR	Monte Prat	0.60	79f	ePg	14 23 44.2	+0.4
CLUD	Ciudinicco	0.61	58f	ePg	14 23 44.4	-0.2
CLUD				eSg	14 23 53.8	+0.5
KOSI	Kohlern	0.62	302f	ePg	14 23 46.2	+1.3
KOSI				eSg	14 23 54.6	+0.9
KOSI				AML		
KOSI	comp=E,972µm,0.6s			AML		
KOSI	comp=N,800µm,1.2s			AML		
FVI	Forni Avoltri	0.64	44f	ePg	14 23 45.1	-0.1
FVI				eSg	14 23 54.3	+0.1
FVI				AML		
FVI	comp=N,818µm,1.4s			AML		
FVI	comp=E,810µm,0.5s			AML		
FVI	comp=N,818µm,1.4s			AML		
FUSE	Fusea	0.66	65f	ePg	14 23 45.7	+0.1
FUSE				eSg	14 23 55.7	-1.9
ABTA	Abfattersbach	0.67	23f	ePg	14 23 45.7	0.0
ABTA	comp=N,21nm,0.2s,SNR=16			eSg	14 23 55.1	-2.7
BUA	Buia	0.69	83f	ePg	14 23 45.6	+0.1
BUA				eSg	14 23 46.1	+0.1
DOSS	Dosso del Somm	0.71	249f	ePg	14 23 46.0	+0.2
GEPF	Gemona	0.71	78f	ePg	14 23 46.7	+0.4
GEPF				eSg	14 23 56.9	+0.9
GEPF	comp=N,864µm,0.7s			AML		
GEPF	comp=N,506µm,1.3s			AML		
APPI	Appiano	0.72	299f	ePg	14 23 46.5	+0.5
APPI				AML		
APPI	comp=N,554µm,0.4s			AML		
APPI	comp=N,781µm,0.2s			AML		
APPI	comp=N,554µm,0.4s			AML		
APPI	comp=N,782µm,0.2s			AML		
ZOU	Zouplian	0.72	54f	ePg	14 23 46.7	+0.1
VENL	Venezia Lido	0.74	167f	ePg	14 23 48.1	+1.8
BAD	Bernadina	0.78	82f	ePg	14 23 46.7	-0.4
OZOL	Ozolo	0.80	290f	ePg	14 23 47.8	+0.3
MARN	Marana (Italy)	0.81	233f	ePg	14 23 47.8	-0.4
PLRO	Paularo	0.81	59f	ePg	14 23 48.6	+0.4
RISI	Rein	0.82	357f	ePg	14 23 48.4	+0.1
RISI				AML		
RISI	comp=N,1235µm,0.7s			AML		
RISI	comp=N,1230µm,0.7s			AML		
RISI	comp=E,874µm,0.3s			AML		
ZOVE	Zovencedo	0.82	214f	ePg	14 23 48.1	-0.1
ABSI	Abersteucl	0.82	317f	ePg	14 23 48.2	+0.2
ABSI				eSg	14 23 59.2	-0.2
ABSI				AML		
ABSI	comp=E,1125µm,0.6s			AML		
ABSI	comp=N,1685µm,0.3s			AML		
GAGG	Gaggia	0.82	267f	ePg	14 23 47.9	-0.1
TEOL	Teolio	0.84	203f	ePg	14 23 48.7	+0.2
TEOL				eSg	14 23 48.7	+0.2
TEOL				AML		
TEOL	comp=N,4345µm,0.5s			AML		
TEOL	comp=E,4070µm,0.4s			AML		
TEOL	comp=N,4340µm,0.5s			AML		
COLI	Coloredo	0.86	90f	ePg	14 23 48.9	+0.2
PTCC	Patocco-Chiusa	0.89	72f	ePg	14 23 48.6	-0.6
PTCC				AML		
PTCC	comp=N,417µm,0.5s			AML		
PTCC	comp=N,410µm,1.1s			AML		
PTCC	comp=N,418µm,0.5s			AML		
ROVR	Rover Verones	0.89	237f	ePg	14 23 49.2	-0.2
ROVR				AML		
ROVR	comp=N,3570µm,0.2s			AML		
ROVR	comp=N,1460µm,0.2s			AML		
ROVR	comp=N,530µm,0.2s			AML		
ROVR	comp=E,1380µm,1.4s			AML		
TREG	Tregnago	0.92	229f	ePg	14 23 49.9	+0.1
TREG				AML		
TREG	comp=N,4835µm,1.5s			AML		
TREG	comp=N,5350µm,0.5s			AML		
ROSI	Roskopf	0.94	328f	ePg	14 23 50.5	+0.1
ROSI				AML		
ROSI	comp=N,558µm,0.9s			AML		
ROSI	comp=E,574µm,0.8s			AML		
SABO	M.te Sabotino	1.03	98f	ePg	14 23 53.1	+0.8
SABO				AML		
SABO	comp=N,761µm,0.5s			AML		
SABO	comp=N,1170µm,1.5s			AML		
ACOM	Acomizza, Ital	1.04	66f	ePg	14 23 52.9	+0.3
ACOM				AML		
ACOM	comp=N,823µm,0.2s			AML		
ACOM	comp=N,1140µm,0.5s			AML		

ACOM	comp=E,822µm,0.2s			AML		
OPPE	Oppello	1.07	220f	ePg	14 23 53.2	+0.8
OPPE				AML		
OPPE	comp=E,4660µm,0.5s			AML		
OPPE	comp=N,7215µm,0.5s			AML		
OPPE	comp=N,7210µm,0.5s			AML		
MAGA	Magassa	1.11	252f	ePg	14 23 53.7	+0.4
MAGA				AML		
MAGA	comp=E,3530µm,0.4s			AML		
MAGA	comp=N,2990µm,0.6s			AML		
MABI	Malga Bissina	1.13	267f	ePg	14 23 54.1	+0.4
MABI				AML		
MABI	comp=E,471µm,0.5s			AML		
MABI	comp=N,588µm,0.1s			AML		
MYKA	Terra Mystica	1.15	64f	ePg	14 23 54.4	+0.1
MYKA				eSg	14 24 11.4	+1.6
MYKA	comp=N,40nm,0.2s			eSg	14 24 11.4	+1.6
MOSI	Grossmontoni	1.20	294f	ePg	14 23 55.3	+0.5
MOSI				AML		
MOSI	comp=N,20nm,0.2s,SNR=12			AML		
MOSI	comp=N,1940µm,0.5s			AML		
TRI	Trieste	1.21	110f	ePg	14 23 55.3	+0.5
TRI				AML		
TRI	comp=N,380µm,1.0s			AML		
TRI	comp=N,317µm,0.5s			AML		
TRI	comp=N,317µm,0.5s			AML		
TRI	comp=E,380µm,1.0s			AML		
TR	Salò	1.24	246f	ePg	14 23 56.2	+1.0
TR				AML		
TR	comp=N,1330µm,0.6s			AML		
TR	comp=N,859µm,0.8s			AML		
TR	comp=N,858µm,0.8s			AML		
TR	comp=N,303µm,0.5s			AML		
SALO	Salò	1.26	41f	ePg	14 23 56.3	0.0
SALO				eSg	14 24 14.5	+1.8
SALO	comp=N,115nm,0.4s			eSg	14 24 14.5	+1.8
KBA	Koelnbreinsper	1.26	41f	ePg	14 23 56.5	+0.2
KBA				eSg	14 24 14.3	+1.5
SQTA	Sankt Quirin	1.26	330f	ePg	14 23 56.7	+0.4
SQTA				eSg	14 24 13.8	+1.0
SQTA	comp=N,160nm,0.3s			eSg	14 24 13.8	+1.0
WATA	Walderalm	1.26	342f	ePg	14 23 57.1	+0.7
WATA				eSg	14 24 13.9	+1.1
WATA	comp=N,38nm,0.2s,SNR=12			eSg	14 24 13.9	+1.1
BRMO	Bormio	1.27	286f	ePg	14 23 56.6	+0.9
BRMO				AML		
BRMO	comp=N,340µm,0.3s			AML		
BRMO	comp=N,340µm,0.3s			AML		
BRMO	comp=N,340µm,0.3s			AML		
SERM	Sermide	1.27	208f	ePg	14 23 57.0	+1.5
SERM				AML		
SERM	comp=E,1210µm,0.4s			AML		
SERM	comp=N,1317µm,0.5s			AML		
SERM	comp=N,1750µm,0.4s			AML		
GORS	Gorjuse	1.30	81f	ePg	14 23 56.6	+0.5
GORS				IAML	14 24 18.8	
FETA	Feichten	1.31	313f	ePg	14 23 57.1	+0.3
FETA				eSg	14 24 14.2	-0.3
FETA	comp=N,2,45nm,0.2s			eSg	14 24 14.2	-0.3
JAVS	Javornik	1.36	99f	ePg	14 23 58.0	+0.4
JAVS				IAML	14 24 19.6	
MOTA	Moosalm	1.40	330f	ePg	14 23 59.3	+0.3
MOTA				eSg	14 24 18.5	+1.2
MOTA	comp=N,32nm,0.4s,SNR=31			eSg	14 24 18.5	+1.2
SKDS	Skadancina	1.44	113f	ePg	14 23 58.7	+0.8
SKDS				IAML	14 23 59.6	
SKDS	comp=N,239nm,0.3s			IAML	14 24 21.1	
BERNI	Berninapass	1.49	282f	ePg	14 24 00.3	+0.5
BERNI				AML		
BERNI	comp=N,200µm,0.6s			AML		
BERNI	comp=N,204µm,0.5s			AML		
BERNI	comp=N,204µm,0.6s			AML		
BERN	Bernin	1.51	329f	ePg	14 24 01.9	+0.9
ZUGS	Zugspitze, Sch	1.51	329f	ePg	14 24 02.9	+2.2
ZUGS				eSg	14 24 21.9	+2.2
ZUGS	comp=N,2,77nm,0.1s			eSg	14 24 21.9	+2.2
PART	Garmisch-Parte	1.53	333f	ePg	14 24 03.6	+2.1
RETA	Retz	1.53	326f	ePg	14 24 04.3	+0.6
RETA				eSg	14 24 26.6	+1.5
RETA	comp=N,30nm,0.3s,SNR=16			eSg	14 24 26.6	+1.5
LJU	Ljubljana	1.67	92f	ePg	14 24 03.1	+0.4
LJU				AML		
LJU	comp=N,995µm,0.4s			AML		
LJU	comp=N,931µm,0.5s			AML		
DAVOX	Davos/Dischmat	1.69	293f	ePg	14 24 03.8	+0.6
DAVOX				AML		
DAVOX	comp=N,182µm,0.3s			AML		
DAVOX						

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TSPT	baz=149 Pingtung City	0.26 186	iP	Pb	15 08 25.5	+1.3
SNST	baz=185 Tainan City	0.29 355	iP	Pb	15 08 31.6	+1.1
TAI1	baz=353 Yung-k'ang	0.29 291	eP	Pb	15 08 26.1	+1.3
STYT	baz=294 Tayuan	0.31 43	iP	Pb	15 08 26.0	+0.8
WTP	baz=45 Ta-pu	0.32 14	iP	Pb	15 08 26.4	+1.0
WTK	baz=13 Hsiung	0.33 354	iP	Pb	15 08 26.6	+1.0
MASBT	baz=354 Mashbuluo	0.34 163	iP	Pb	15 08 25.6	+0.1
TPUB	baz=160 Ta-pu	0.38 14	iP	Pb	15 08 27.0	+0.7
TPUB	baz=12 Ta-pu	0.38 14	Pg	Pb	15 08 27.0	+0.7
SCLT	baz=309 Jiali	0.39 308	eP	Pb	15 08 27.5	+1.0
KAU	baz=211 Kaoshiung	0.42 209	eP	Pn	15 08 28.3	-1.0
CHN4	baz=7.0 Tsauhsan	0.42 8	iP	Sb	15 08 27.9	+0.9
SSPT	baz=7.0 Kinbi	0.45 175	iP	Pb	15 08 28.3	+0.8
ICHU	baz=164 Yiju	0.48 332	eP	Pn	15 08 29.4	-0.8
CHN8	baz=327 Yiju	0.50 325	eP	Pb	15 08 29.4	+1.0
TWG	baz=327 Pinlang	0.52 102	iP	Pb	15 08 29.2	+0.6
ECL	baz=128 Taimai	0.52 130	iP	Pb	15 08 29.0	+0.4
ELDTW	baz=58 Lidau	0.52 61	eP	Pb	15 08 29.5	+0.7
TWGBT	baz=100 Beinan	0.52 103	iP	Pb	15 08 29.2	+0.4
LONT	baz=92 Longtian	0.56 93	P	Sb	15 08 30.1	+0.8
SCZT	baz=161 Fangliu	0.56 171	iP	Pb	15 08 29.6	+0.1
CHY	baz=351 Chiayi	0.57 350	eP	Sb	15 08 31.0	-0.4
WLBG	baz=339 Puzi	0.58 339	iP	Pb	15 08 29.9	+0.2
WLBG	baz=339 Luqiu	0.60 193	iP	Pn	15 08 32.8	+1.0
CHN2	baz=195 Minsihung	0.60 355	eP	Pn	15 08 31.6	-0.2
TWN	baz=106 Taitung	0.60 107	eP	Pn	15 08 31.6	-0.2
TWP	baz=196 Hsialiuichiu	0.60 195	iP	Pn	15 08 32.7	+0.8
EAST	baz=146 Anshuo	0.62 152	iP	Pb	15 08 30.8	+0.3
ALS	baz=23 Tawu	0.63 24	iP	Pb	15 08 31.5	+0.7
CHN5	baz=355 Tsauling	0.68 12	iP	Pb	15 08 32.3	+0.9
YUS	baz=10.0 Yu-Shan	0.68 35	iP	Pn	15 08 43.3	+0.1
EDH	baz=76 Donghe	0.72 87	P	Pn	15 08 33.2	-0.2
WGK	baz=2.0 Gukeng	0.75 2	P	Pn	15 08 34.0	+0.1
WDLH	baz=360 Full	0.75 69	P	Pn	15 08 34.1	+0.1
WSF	baz=67 Szhu	0.76 338	eP	Pb	15 08 33.5	+0.8
SLIU	baz=154 Shizi	0.76 161	eP	Pb	15 08 33.1	+0.3
WTK	baz=350 Tuku	0.76 350	eP	Pn	15 08 34.1	+0.1
CHKT	baz=91 Chengkung	0.79 78	eP	Pn	15 08 34.5	+0.1
WHYT	baz=20 Xinyi Township	0.82 21	eP	Sb	15 08 47.1	+0.4
TWF1	baz=57 Yuli	0.82 59	iP	Pn	15 08 34.8	-0.1
EYUL	baz=58 Yuli	0.84 60	iP	Pn	15 08 35.1	0.0
YULB	baz=48 Yu-Hi	0.84 57	iP	Pg	15 08 34.9	+0.6

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YULB	baz=48 Yu-li	0.84 57	eS	Pg	15 08 46.9	-0.4
WDGT	baz=295 Dungji	0.86 292	iP	Sg	15 08 34.8	+0.4
WJS	baz=10.0 Zhushan	0.90 12	eP	Pn	15 08 36.7	+0.7
LDUT	baz=93 Ludao	0.91 106	eP	Pg	15 08 50.6	+1.4
EHY	baz=50 Hungye	0.93 52	eP	Pn	15 08 35.8	+0.3
SSLB	baz=23 Suanglung	0.94 25	P	Pn	15 08 50.5	+1.6
SSLB	baz=23 Suanglung	0.94 25	P	Pn	15 08 36.5	+0.2
SSLB	baz=23 Suanglung	0.94 25	P	Pn	15 08 52.0	+2.4
HEN	baz=162 Mingjian	0.94 168	P	Pg	15 08 37.0	+0.5
WNT	baz=8.0 Erin	0.95 9	eP	Pn	15 08 51.5	+1.8
RLNB	baz=350 Nantou City	0.97 351	eP	Pn	15 08 37.1	+0.4
WNT1	baz=7.0 Nanwan	0.99 168	eP	Pb	15 08 50.7	+0.8
SNW	baz=157 GNSD	0.99 56	iP	Pn	15 08 37.8	+0.7
HGSD	baz=47 Sun Moon Lake	1.00 20	eP	Sb	15 08 52.1	+1.5
SMLT	baz=19 Yuchr	1.01 17	iP	Pg	15 08 36.6	+1.1
TYC	baz=17 Hengchun	1.02 165	iP	Pn	15 08 52.2	+1.2
TWKBT	baz=154 Hengchun	1.02 165	iP	Pn	15 08 38.4	+0.9
VCHM	baz=288 Qimei	1.05 285	eP	Pb	15 08 53.6	+2.2
PHUB	baz=318 Hengchuen, Pin	1.05 303	P	Sb	15 08 37.0	-0.7
TSEB	baz=163 Penghu	1.09 305	eP	Pb	15 08 36.9	-0.8
PNG	baz=308 Guangfu	1.10 48	eP	Pg	15 08 50.8	-0.5
EGFH	baz=49 Wufeng	1.11 8	eP	Pg	15 08 38.5	0.0
WWF	baz=356 Zhaohua	1.14 1	eP	Pg	15 08 53.8	+0.6
WCHH	baz=1.0 Puli Township	1.14 20	eP	Sg	15 08 37.7	-0.8
WPL	baz=19 Guoxing	1.16 18	eP	Pg	15 08 51.8	-0.7
DPDB	baz=17 Shilin	1.21 43	eP	Pg	15 08 40.4	+0.1
ESL	baz=42 Taichung	1.22 6	eP	Pg	15 08 57.0	+1.7
TCU	baz=355 Renai	1.27 28	eP	Pb	15 08 41.3	+0.1
CHGB	baz=26 Lan-yu	1.30 133	eP	Pn	15 08 56.2	+1.2
WHP	baz=17 Hehuan Shan	1.38 29	eP	Pg	15 08 40.4	+0.1
WHP	baz=14 Taichung City	1.39 16	eP	Pb	15 08 44.1	+0.4
WDJ	baz=3.0 Dajia District	1.41 4	eP	Pb	15 09 03.9	+1.0
TWQ1	baz=8.0 Liyutan	1.43 9	eP	Pb	15 08 44.6	+0.4
HWA	baz=25 Hwallien	1.44 43	eP	Pg	15 08 44.6	+0.4
TDCB	baz=22 Tachien	1.44 24	P	Pb	15 08 45.3	-0.2
FUSS	baz=25 Fushou	1.46 27	eP	Pb	15 08 45.0	+0.4
NSY	baz=7.0 Sanyi	1.49 8	eP	Sb	15 08 45.2	+0.2
TWD	baz=39 Xiulin Townshi	1.54 34	eP	Pb	15 09 04.4	+0.9
ETLH	baz=40 Ninganchiao	1.58 38	eP	Pb	15 08 46.7	-0.1
NACB	baz=35 Ninganchiao	1.58 38	eP	Sb	15 09 06.4	0.0
NACB	baz=35 Ninganchiao	1.58 38	eP	Pb	15 08 45.1	-0.1
NMLH	baz=7.0 Miaoli	1.61 9	eP	Pn	15 08 47.9	+0.5
NNSB	baz=12 Datong	1.68 28	eP	Pb	15 09 10.5	+0.5
NNSH	baz=12 Datong	1.68 28	eP	Pb	15 08 48.6	0.0
NNSH	baz=12 Datong	1.68 28	eP	Pb	15 09 11.5	-0.7
NNS	baz=11 Nan Shan	1.69 27	eP	Pb	15 08 48.9	+0.3
NSTT	baz=12 Nanjuang	1.75 14	eP	Pg	15 08 48.9	+0.3
LIOB	baz=14 Emei	1.76 15	eP	Pn	15 09 11.6	-0.6

ENA	baz=35 Nanau	1.86 37	eP	Pb	15 08 51.2	-0.3
NDT	baz=26 Datong Townshi	1.89 28	eP	Pb	15 08 45.7	+0.3
NSK	baz=22 Sanguang	1.89 24	eP	Pb	15 08 34.5	-0.1
YHNB	baz=6.0 Yeheng	1.90 24	eP	Pn	15 08 46.6	+0.6
YHNB	baz=6.0 Yeheng	1.90 24	eP	Pn	15 08 36.7	+0.7
SBBC	baz=12 Hsinchu	1.91 38	eP	Pb	15 08 50.2	+1.4
ENAH	baz=36 Nanao	1.95 29	eP	Pb	15 08 35.8	+0.3
ENTT	baz=27 Nioudou	2.04 26	eP	Pn	15 08 36.5	+0.2
NWLTL	baz=24 Wulai	2.06 26	eP	Pn	15 08 50.2	+0.8
TWC	baz=34 Suao	2.06 36	eP	Pb	15 08 52.0	+2.4
TWE	baz=13 Neicheng	2.11 16	eP	Pb	15 08 37.4	+0.3
NCUH	baz=1.0 Zhongli	2.21 23	eP	Pb	15 08 51.5	+1.8
TATO	baz=22 Taipei	2.21 23	eP	Pb	15 08 51.5	+1.8
TATO	baz=45 Taipei	2.21 23	Pn	Pb	15 08 37.1	+0.4
NTC	baz=25 Toucheng	2.25 32	eP	Pb	15 08 50.7	+0.8
TWA	baz=24 Mucha	2.25 25	eP	Pb	15 08 37.8	+0.7
WVUC	baz=336 Wuic	2.31 21	eP	Pn	15 08 52.1	+1.5
TWS1	baz=3.0 Kuanyinshan	2.35 30	eP	Pn	15 08 36.6	-0.1
TIPB	baz=12 Shuangxi	2.38 21	eP	Pn	15 08 52.8	+1.9
NTST	baz=4.0 Danshui	2.40 22	eP	Pn	15 08 38.3	+1.0
YM04	baz=22 YM04	2.40 22	eP	Pn	15 08 52.2	+1.2
YM10	baz=22 YM10	2.42 23	eP	Pn	15 08 38.4	+0.9
YM05	baz=22 YM05	2.42 23	eP	Pn	15 08 53.6	+2.2
NWF	baz=12 Wu-fen Shan	2.42 28	eP	Pb	15 08 36.6	+1.1
WFSB	baz=12 Wu-fen Shan	2.42 28	eP	Pb	15 08 53.3	+1.9
YM03	baz=21 YM03	2.42 23	eP	Pn	15 08 37.9	+0.4
YM11	baz=22 YM11	2.42 23	eP	Pn	15 08 37.9	+0.2
TWB1	baz=22 Sanjiao Chiao	2.46 33	eP	Pb	15 08 52.3	+0.6
KNMB	baz=347 Chin-men Tao	2.48 308	Pn	Pn	15 08 37.0	-0.7
PTTC	baz=347 Pingtan	2.65 345	eP	Pn	15 08 36.9	-0.8
JYNG	baz=339 Yonagunijimaku	2.68 55	P	Sb	15 08 50.8	-0.5
YOJ	baz=339 Yonaguni jima	2.74 56	P	Sb	15 08 38.5	0.0
YOJ	baz=339 Yonaguni jima	2.74 56	eP	Pn	15 08 53.8	+0.6
AXDP	baz=313 Yonaguni jima	3.05 310	eP	Pn	15 08 37.7	-0.8
HATJ	baz=32 Hateruma jima	3.21 69	P	Pn	15 08 51.8	-0.7
MATB	baz=352 Ma-tsu	3.25 351	eP	Pn	15 08 40.0	+0.7
IRIF	baz=339 Iriomote-Funau	3.25 64	P	Pn	15 08 39.9	+0.4
MHZQ	baz=339 Yeshan	3.44 337	eP	Pn	15 08 55.8	+1.7
JKRS	baz=339 Kuro-shima	3.45 67	P	Pn	15 08 39.9	-0.1
JIJ	baz=339 Ishigaki jima	3.61 66	P	Pn	15 08 56.1	+1.2
LYJJ	baz=351 Jianjiangzhen	3.67 349	eP	Pn	15 08 40.0	-0.1
JJSG	baz=351 Ishigakijimahi	3.84 64	P	Pn	15 08 56.2	+1.2
XPSS	baz=346 Dashiqiu	3.99 356	eP	Pn	15 08 40.4	+0.1
VDOS	baz=243 Pratas Island	4.17 239	eP	Pn	15 08 57.0	+1.7
JTJ	baz=243 Tarama	4.18 65	P	Pn	15 08 41.3	+0.1
JIRB	baz=65 Irabujima	4.65 65	P	Pn	15 08 41.3	+0.1
JMJJ	baz=64 Miyako jima 2	4.75 66	eP	Pn	15 08 58.7	+1.7
JMJJ	baz=64 Miyako jima 3	4.75 67	P	Pn	15 08 41.4	0.0
JIKM	baz=64 Ikemajima	4.75 64	P	Pn	15 08 57.4	+0.1
JOGS	baz=67 Gusukube	4.82 67	P	Pn	15 08 42.3	+0.6
CVP	baz=167 Callao Caves	5.34 167	eP	Pn	15 09 01.2	+2.2
JOW	baz=8.3 Ningami	8.03 60	Pn	Pn	15 08 44.6	0.0
JMZ	comp=Z,1.0m,0.5s,slow=0.2,SNR=8.3 Minamidaito 2	10.16 71	Pn	Pn	15 08 44.1	+0.4
INU	comp=Z,1.0m,0.5s,slow=0.2,SNR=8.3 Inuyama	18.95 46	Pn	Iamb	15 09 03.9	+1.0
JGF	comp=Z,4.1m,1.5s Kuroka	19.33 45	P	P	15 08 44.6	+0.4
JCJ	comp=Z,1.0m,0.5s,slow=0.2,SNR=4.5 Chichijima	20.05 74	P	Pn	15 09 04.5	+0.7
MJAR						

26d 15h

Table with 4 columns: Station Name, Time, Res, and ISC. Includes stations like BCAR, DAWY, and YKA.

IDC 26 15:11:21.8,325.0,5372N,43.11E,h0km, Error ellipse: s-maj=149.5km s-min=87.4km az=140.0,Baltic States-Belarus-Northwestern Russia

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like I43RU, I31KZ, I46RU, and I34MN.

NOU 26 15:27:49.4,51.84S,179.78W,h0km,mb4.5, South of Chatham Islands, South of Chatham Islands

IASPEI 26 15:29:12.8,0.8,22.93N,0.01,120.52E,0.02, h17km,1km, mb4.2/6, Error ellipse: s-maj=2.2km s-min=1.6km az=86.3, GT5 selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin. A new ground truth data set for seismic studies, Seism. Res. Lett., 46:465-472, 2009

NEIC 26 15:29:12.6,1.7,22.82N,0.03,120.67E,0.04, h15km,2km, Error ellipse: s-maj=5.4km s-min=5.0km az=114.0 JMA 26 15:29:12.7,22.90N,120.49E, h14km,2km, M4.0 TAP 26 15:29:13.4,1.4,22.54N,121.12E, h0km, mb3.8/3, mb1.3,3/4, mb1mx3.3/6.1, mbtmp3.7/4, ML3.4/1, MCS3.0/2, Ms1.3, 1/2, ms1mx2.7/3.1, Error ellipse: s-maj=4.9km s-min=2.7,4km az=71.0

ISC 26 15:29:12.9,0.8,22.93N,0.01,120.54E,0.01, h17km,1km, n156, s113, 262, mb4.2/6, 20C-9D, Taiwan

Main table for station data with columns: Code, Station Name, Time, Res, ISC. Lists numerous stations like SCST, SLGT, TWTM, etc.

2015 JAN

Main table for station data with columns: Code, Station Name, Time, Res, ISC. Lists numerous stations like SCZT, CHY, TTN, WLBG, etc.

1236

Main table for station data with columns: Code, Station Name, Time, Res, ISC. Lists numerous stations like PNG, WWF, WCHH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, MATS Ma-tsu, JKRS Kuro-shima, etc.

JMA 26 15:33:56.4,0.1,31.97N;131.66E, h37km, mb3.4/5, mb1 3.4/6, mb1mx3.0/67, mb1mp3.7/6. Error ellipse: s-maj=90.7km s-min=16.0km az=73.0

JMA Felt J1. IDC 26 15:33:58.2,2.5,31.85N;131.50E, h63km, mb3.4/5, mb1 3.4/6, mb1mx3.0/67, mb1mp3.7/6. Error ellipse: s-maj=90.7km s-min=16.0km az=73.0

ISC 26 15:33:55.1,0.1,31.92N;131.72E, h40km, mb3.4/5, n15, c187/24, mb3.6/5, 3C-5D, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTSN Tsuno, JNKG Nichinanakitago, JHHC Hyugahichiya, etc.

IDC 26 15:42:28.9,1.0,20.34S;172.37E, h0km, mb4.0/8, mb1 4.3/10, mb1mx4.2/22, mb1mp4.1/10, ML3.72, MS3.9/17, Ms1 3.9/17, ms1mx3.8/21, Error ellipse: s-maj=37.7km s-min=21.1km az=151.0

NOU 26 15:42:28.2,20.69S;172.74E, h0km, mb4.6, Vanuatu Islands Region

GCMT 26 15:42:34.1,0.4,20.52S;172.51E, h0.02, h24km, 1km, MW4.9/77, Moment Tensor Solution. s18,c20; s77,c98; Duration: 0 Moment tensor: Scale 10^19Nm; Mir=0.53E, 19; Mbr=1.20E, 17; Mbr=0.66E, 14; Mbr=0.02E, 18; Mbr=2.33E, 10; Mbr=0.32E, 18; Best double couple: M2.54700e1016 N1P1=0.281,0.0000; S8O,0.0000; L-5,0.0000; NP2: 0.1,0.0000; S85,0.0000; L-170,0.0000. Principal axes: T 2.7900, Plg3.0000; Azm146.0000; N -0.4820. Plg79.0000; Azm38.0000; P -2.3050, Plg11.0000. Azm236.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26 15:42:35.1,0.9,20.47S;170.10E, h49km, mb3.8km, mb4.9/24 Error ellipse: s-maj=15.8km s-min=13.3km az=111.0

ISC 26 15:42:33.5,0.6,20.53S;170.17E, h48E,0.10, h35km, n73, c185/53, mb4.7/16, MS3.9/16, 1C, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MARN Mare, Loyalty, DVP Devils Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBZ Lake Benmore, CTAO Charters Tower, PMG Port Moresby, etc.

WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

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WRA Warramunga Arr 35.73 264 P P 15 49 27.9 -1.3

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

ZHN Zhisniko 2.96 14 eP Pn 16 28 49.5 +2.3

ZHN Zhisniko 2.96 14 eP Pn 16 28 49.5 +2.3

ZHN Zhisniko 2.96 14 eP Pn 16 28 49.5 +2.3

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ZHN Zhisniko 2.96 14 eP Pn 16 28 49.5 +2.3

Table with columns: KAPS, Kapalarasan, 3.12 337 eP, Pb, 17 42 54.1 +0.8, etc.

NEIC 26 17:44:52.7±1.3, 54.72S; 0.2x136.8W; 0.1, h10km, 1km, mb4.5/7, Ms 2.0, 5.0/120, Mwcs 6.9/GCMT1, Error ellipse: s-maj=38.5km s-min=12.8km az=349.0

Table with columns: TBI, Tubuai, 32.67 338 eS, S, 17 56 39.0 -2.0, etc.

NEIC 26 18:29:23.5±1.0, 12.33N; 0.08; 92.8E; 0.1, h30km, 5km, mb4.4/2.7, Error ellipse: s-maj=16.4km s-min=11.3km az=112.0

Table with columns: JTS, Las Juntas de, 77.98 52 IAMS_20, IAMS_20, 18 22 57.0, etc.

NEIC 26 18:10:44.1±3.1, 2.00S; 100.21E, h0km, mb3.4/6, mb1.3/5.6, mb1mx3.3/3.6, mbtm3.4/6, MS3.9/1, Ms1.3/9.1, ms1mx2.8/2.2, Error ellipse: s-maj=131.2km s-min=20.3km az=57.0

26d 19h

Table of astronomical observations for 26d 19h, listing station names (e.g., CM13, CM05), station IDs, coordinates, and observation times.

2015 JAN

Main table of astronomical observations for 2015 JAN, listing station names (e.g., GEYT, KSRK), station IDs, coordinates, and observation times.

1240

Table of astronomical observations for 1240, listing station names (e.g., MOOW, SNOW), station IDs, coordinates, and observation times.

MOS 26 19:12:07.0-0.9, 18:62'Sx174:83'W, h44km, mb5.6/17, Error ellipse: s-maj=8.4km s-min=6.8km az=58.9
BUI 26 19:11.5-0.0, 18:80'Sx174:70'W, h80km, mb5.5/36, mb5.2/60, Ms5.2/12, Ms7.4/9.12
IDC 26 19:12.11.4-3.7, 18:68'Sx174:76'W, h65km, 33km, mb4.9/29, mb1.5/0.31, mb1mx5.0/32, mb1mp5.2/31, ML4.6/2, Mb5.0/16, Mb1.4/0.19, ms1mx3.9/30, Error ellipse: s-maj=14.2km s-min=11.5km az=150.0
NEIC 26 19:12.12.9-1.5, 18:65'Sx174:79'W, h0.9, h82km, 4km, mb5.2/31.1, Error ellipse: s-maj=16.2km s-min=12.6km az=173.0
BGR 26 19:12.13.2-0.0, 18:70'Sx174:74'W, h78km
NOU 26 19:12.15.3, 18:78'Sx174:51'W, h107km, mb5.3, Tonga Islands
GCMT 26 19:12.20.9-0.1, 18:70'Sx0:01x174:35'W:0:01, h121km, 1km, MW5.3/140, Moment Tensor Solution.
s108,c165, s140,c237, Duration: 192 Moment tensor: scale 1.017Nm, Mr=0.38, 0.2; Mw=0.18, 0.3; Ms=0.55, 0.3; Ml=0.2, 0.2; Mv=0.12, 0.2; Mr=1.22, 0.1; Best double couple: Ms1.347000000, NP2=13.0000000, 8.14.000000, -1.38.000000. Principal axes: T 1.4000, P135.00000, Azm94.00000; N -0.1060, P141.00000, Azm191.00000; P -1.2950, P163.00000, Azm295.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 26 19:12.13.2-0.0, 18:83'Sx0:04x174:61'W:0:04, h90km, 3km, h90km, p1-p, n128, e1942/1076, mb5.2/231, 67C-63D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, Time Res, Res, listing station data and observation results.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like KUZ, URZ, KAU, KMR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like PMG, PMG, PMP, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like MJAR, MAJO, MAJO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PV07, BCIY, WHN, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LZH, ECSD, U40A, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like 137A Lemond, Waseca, 735A Kennedy, 404A Mansfield, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 26 19:48:03.6, 0.8, 12.32N, 144.54E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like 1.6nm, 0.6s, baz=70, slow=7.8, SNR=4.6, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 26 21:08:38.8, 0.8, 56.69S, 150.81W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H10N3 ASCENSION HYDR06.36, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 26 21:15:50.8, 0.3, 33.55S, 178.68W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 26 21:09:26.0, 6.9, 24.61N, 127.77E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like J3T3 Tamagusuku3, etc.

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

Table with columns: MA2, Magadan, 71.23, 26ceP, P, 01 04 37.5 -0.4, etc. Includes rows for MA2, DZM, PEAOB, PETK, YATNC, etc.

Table with columns: DOPR, Dopca, 76.52 317, P, 01 05 09.6 +0.3, etc. Includes rows for MTUR, VOIR, MNK, etc.

Table with columns: BILL, comp=Z,66nm,1.8s, Iamb, Iamb, 01 05 35.2, etc. Includes rows for BILL, BUD, HIZ, MORH, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, Colim, ABTA, NKCC, FAUS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EUNU, TRF, BWN, MDM, CUT, COLA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EGMT, EFI, BOZ, VCNR, ULM, CMB, LAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like L57A Andrews Acres, MAN01 Angra dos Reis, T25A Trinidad, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like G003 Copiap, ANWB Willy Bob, NPGBS Novo Progresso, etc.

IDC 27 01:02:19.9,0.5,1:23N,97:18E, h0km, mb4.6/31, mb1 4.7/34, mb1mx4.5/51, mbtmp4.6/34, ML4.5/3 Error ellipse: s-maj=12.8km s-min=11.6km az=32.0

Table with columns: Code, Station Name, Az, AzG, Phase, I, Time, Res, and other technical details. Includes stations like GSI Gunungsitoli, RPSI Ranau Pratap, MNSI Mandailing Nat, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QIZ Gionghong, MYLDM Lahad Datu, KAPI Kappang, etc.

Table of astronomical observations for 27 days in January 2015, 1 hour per day. Columns include station name, object name, coordinates, and various parameters like SNR and error.

Table of astronomical observations for 27 days in January 2015, 1 hour per day. Columns include station name, object name, coordinates, and various parameters like SNR and error.

Table of astronomical observations for 27 days in January 2015, 1 hour per day. Columns include station name, object name, coordinates, and various parameters like SNR and error.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like B103, B103 Tigo, B103 Laja, B104 Isla Mocha, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Z47A Carrollton, JCT Junction City, TX32 Lajitas Array, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PVAQ 9.9nm,0.2s, PBDV Barranco-do-ve, EGRO 5.9nm,0.3s, etc.

IDC 27 03:10.15.0.1.1.2.47S. 139:97E, h0km, mb3.7/3, mb1 4.1/4, mb1mx3.7/23, mbtrp3.8/4, ML4.2/1, MS3.1/2, Ms1 3.1/2, ms1mx2.8/30, Error ellipse: s-maj=25.6km s-min=10.0km az=3.0

ISC 27 03:10.18.2.1.0.2.5S:0.1:140.2E:0.2, h25km, n8, e09711/7, mb3.8/3, Near north coast of Irian Jaya

TAP 27 03:50:10.5, 25:19N: 122:65E, h217km, ML3.2, C JMA 27 03:50:12.3, 0.4, 25:22N: 122:55E, h199km, 5km, M3.0

ISC 27 03:50:09.8, 2.7, 25:2N: 0.1:122:52E:0.0, h218km, 17km, n37, r1916/64, Taiwan region

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like JAY Jayapura, JAY 361nm,0.3s, PMG Port Moresby, etc.

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like TWB1 Santiao Chiao, TIPB Shuangxi, TIPB Tapp, etc.

INMG 27 03:21:41.7, 1.1, 36:75N: 7:13W, h31km, 7km, ML1.5, Error ellipse: s-maj=3.6km s-min=2.8km az=13.0

MDD 27 03:21:41.2, 0.9, 36:75N: 7:13W, h41km, 24km, MB3.8/2, Error ellipse: s-maj=9.4km s-min=5.1km az=8.0, PRXIMO

IGL 27 03:21:42.1, 36:78N: 7:16W, h27km, ML1.3

ISC 27 03:21:40.1, 1.1, 36:76N: 0.06:7:13W:0.03, h35km, 7km, n35, e08165, 4D, Strait of Gibraltar

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like PVAQ Vaqueiros, PVAQ 9.9nm,0.2s, etc.

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like NNS Nan Shan, NNS Datong, NNS Datong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oulanka, Joensuu, Rovaniemi, Tornio, Vario, etc.

NOU 27 10:08:37.6,38'22S:178.40E, h70km, Mlv3.5, Off E.

WEL 27 10:08:44.6,38'35.0N:177.7E,10, h65km,1km, M2.9/37, ML3.1/37, MLv2.9/37, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matawai, Te Karaka, Raukumara Rang, etc.

NNC 27 10:30:20.9:0.7,47'36N:81'67E, h0km, mpv1.5, 16C-5D, Error ellipse: s-maj=12.5km s-min=3.9km az=54.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Makanchi, MAK2, MAK3, etc.

SOME 27 10:30:29.8,45'97N:81'07E, h10km, Kazakhstan-Xinjiang border region

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

IDC 27 10:31:44.2,2.6'12N:126.82E, h0km, mb3.6/5, mb1.3.8/5, mb1mx3.4/32, mbtp3.6/5, MS3.7/1, Ms1.3/7, ms1mx2.6/40, Error ellipse: s-maj=131.7km s-min=27.6km az=67.0

MAN 27 10:31:54.8,5'76N:126'37E, h51km, mb4.3, ML3.1, MS2.8

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

NNC 27 11:08:39.8:6.6,37'67N:71'19E, h0km, mb3.8, mpv3.7, Error ellipse: s-maj=52.5km s-min=40.7km az=167.0

ISC 27 11:08:38.0:3.7,37'33N:02'71E:0.1, h68km, n10,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Almayashu, UCH, EK2, etc.

SOME 27 11:15:22.8,48'75N:88'17E, h0km, NNC 27 11:15:23.0:1.6,49'84N:87'62E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=13.8km s-min=7.7km az=56.0

ISC 27 11:15:19.6:3.7,50'21N:01'48E:0.2, h11km, n6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zaisan, MK31, MAK2, etc.

KAPS Kapalarasan 7.68 234 eP Pb 11 17 32.4 -0.3

NEIC 27 11:31:09.9,36'26N:97'26W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M-r:0.12; Mho:1.29; Mho-:0.15; Mho:2.29; Mho:0.07; Fault plane solution: Ms2.6000x10^15 NP1:194.11000, 887.43000, 177.82000. NP2:284.21000, 887.83000, 12.57000. Principal axes: T: 2.6651, Plg3.0000, Azm149.0000; N: -0.1292, Plg87.0000, Azm324.0000; P: -2.5359, Plg0.0000, Azm59.0000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QUOK, OK029, CROK, etc.

KAN14 Manchester OK 0.89 320 Sg Pg 11 31 27.0 -0.3

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

X34A Smith Ranch, M 1.73 196 P Pb 11 31 41.7 +1.6

WMOK Wichita Mouth 1.97 220 P Pb 11 31 44.4 +0.9

WMOK Wichita Mouth 1.97 220 P Pb 11 31 44.4 +0.9

WMOK Wichita Mouth 1.97 220 P Pb 11 31 44.4 +0.9

X37A Clayton 2.28 137 Pn Iamb_Lg 11 31 48.9 +1.3

X37A Clayton 2.28 137 P 11 31 48.7

X38A Gravette 2.32 85 P Pb 11 31 50.2 +1.9

R32A Long Quarter, 2.44 332 Iamb_Lg Pb 11 31 51.1 +1.2

R32A Long Quarter, 2.44 332 P Pb 11 31 51.0

R32A 11 32 21.9

HHAR Hobbs 2.68 89 P Pb 11 31 54.6 +1.5

HHAR Hobbs 2.68 89 P Pb 11 31 54.7

KSU1 Kansas State U 2.87 10 P Pb 11 31 56.6 +0.9

KSU1 Kansas State U 2.87 10 Pn Iamb_Lg 11 31 57.3 +1.5

KSU1 2.87 10 P Pb 11 31 57.0

27d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AMTX Amarillo, X40A Basin Creek Fa, MGMO Mountain Grove, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SLM, MET Memphis-Engin, JCT Junction City, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LRLA Lakeview Retre, MVCO Mesa Verde, H40A Norwalk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DGMT Dagmar, M52A Chesterland, N53A Lisbon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TUL 27, NEIC 27, Oklahoma, QUOK Quay.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like QUOK, OK031, OK031, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GUC 27, LVC Limon Verde, GO02, etc.

IDC 27 11:41:24.3:0.6,24:105:67.43W, h201km, gkm, ML3.8, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AC02, AC01, PSGC, etc.

IDC 27 11:46:18.9:1.2, 6.87S:128.50E, h0km, mb3.6/1, mb1 3.8/3, mb1mx3.5/21, mbtm3.6/3, ML3.6/2, Error ellipse: s-maj=120.0km s-min=30.5km az=66.0, Banda Sea

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

NEIC 27 12:02:49.9:1.2, 24:7S:0.1:13:34W:0.0, h10km, mb4.5/1, mb4.5/1, Error ellipse: s-maj=23.9km s-min=13.4km az=184.0

IDC 27 12:02:50.9:2.7, 24:58S:13:51W, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.9/43, mbtm4.1/7, MS4.1/23, MS1 4.1/23, ms1mx4.0/31, Error ellipse: s-maj=105.8km s-min=29.5km az=140.0

GCMT 27 12:02:50.9:0.2, 24:77S:0.0:3:13:28W:0.0, h12km, MW4.8/97, Moment Tensor Solution, s26:c29; s97:c124; Duration: 0 Moment tensor: Scale 1016Nm; Mir-2.07s:07; Mw=0.02t:08; Mw2:0.05s:06; Mw0.66t:33; Mw0.42t:06; Mw0.72t:27; Best double couple: Mw2.31800e1016 NP1=181.00000°, 85.00000°, A=104.00000°. Principal axes: T 2.2980, Plg11.0000, Azm74.0000; N 0.0420, Plg12.0000, Azm344.0000; P -2.3390, Plg74.0000, Azm209.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 27 12:02:50.4:0.7, 24:8S:0.1:13:34W:0.1, h10km, n42, n42:19:23, mb4.4/15, MS4.2/23, Southern Mid-Atlantic Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TOAO, TOR0, TOR0, etc.

IDC 27 12:32:28.9:1.0, 21:03S:67.21W, h183km, 13km, mb3.5/8, mb1 3.7/11, mb1mx3.7/30, mbtm4.1/11, Error ellipse: s-maj=25.4km s-min=14.8km az=161.0

NEIC 27 12:32:29.2:2.1, 21:15S:0.0:7:67.2W:0.1, h188km, gkm, mb4.1/4, Error ellipse: s-maj=18.8km s-min=10.7km az=83.0

VAO 27 12:32:29.1:0.3, 21:05S:67.55W, h219km, 7km, mb3.9 GUC 27 12:32:30.9:0.7, 21:16S:67.45W, h210km, 7km, ML3.9 ISC 27 12:32:28.9:0.7, 21:14S:0.0:5:67.24W:0.06, h193km, 7km, n83, n151:199, mb3.9/9, 12C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like PB09, PB09, PB09, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, VILB Vilhena, ETMB Extrema, etc.

IDC 27 12:41:30.1,0.8,23.20N;96.09E,h0km,mb3.8/10, mb1.4/0.11,mb1mx3.8/47,mbtm3.8/11,ML6.41,MS3.5/9, Ms1.3/5.9,mb1mx3.2/45,Error ellipse: s-maj=43.7km s-min=12.4km az=63.0

NDI 27 12:41:31.5,4.1,22.94N;95.85E,h10km,ML3.8, mb4.2/2(NEIC)

NEIC 27 12:41:34.9,2.1,23.10N;0.08;96.0E;0.1,h39km,8km, mb4.2/20,Error ellipse: s-maj=16.4km s-min=9.6km az=57.0

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like DMN Daman, DMN DMN, DANN Danging, etc.

IDC 27 13:05:46.3,1.1,35.16S;108.75W,h0km,mb3.7/5, mb1.4/0.5,mb1mx3.9/27,mbtm3.7/5,MS3.6/7,Ms1.3/6.7, mb1mx3.4/22,Error ellipse: s-maj=95.4km s-min=30.3km az=93.0

NEIC 27 13:05:47.8,1.3,35.1S;0.1;108.7W;0.7,h10km,1km, mb4.6/3,Error ellipse: s-maj=102.1km s-min=16.6km az=86.0

IDC 27 13:05:47.8,1.0,35.25S;108.9W;0.7,h10km,n23, 0.059/11,mb3.9/5,MS3.7/7,Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, CPUP Villa Florida, RSCA El Rosal, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like H03N3 Juan Fernandez, H03N2 Juan Fernandez, etc.

NOU 27 13:15:31.2,23.53S;179.36W,h528km,mb4.2,South of Fiji Islands

NEIC 27 13:15:32.0,2.3,23.4S;0.1;179.8W;0.1,h544km,8km, mb4.7/32,Error ellipse: s-maj=17.4km s-min=15.3km az=134.0

IDC 27 13:15:35.1,1.8,23.40S;179.89W,h569km,20km, mb3.7/19,mb1.3/9.2,mb1mx3.7/33,mbtm3.6/21,Error ellipse: s-maj=12.9km s-min=11.2km az=172.0

ISC 27 13:15:31.4,0.4,23.46S;0.05;179.70W;0.07,h536km, n127,01874/137,mb4.6/32,4C,South of Fiji Islands

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

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KSRS Korea Array, PETK Petropavlovsk, USRK Ussuriysk Arr, etc.

IDC 27 13:23:41.3, 5.7, 61.615x155.85E, h0km, mb4.4/2, mb1.4/6.3, mb1mx4.1/14, mbtmp4.3/3, ML3.6/1, Error ellipse: s-maj=334.7km s-min=41.6km az=75.0, NEIC 27 13:23:42.0, 0.7, 61.65, 0.1x155.7E, 0.4, h12km, 7km, mb4.4/7, Error ellipse: s-maj=31.2km s-min=18.1km az=112.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Vnda Vanda, MOZ Mozambique, QXZ Oxford, etc.

CNRM 27 13:24:32.7, 36.40N, 4.44W, h3km, ml3.0, Hypocentre not reviewed by the ISC, LDG 27 13:24:33.9, 0.3, 36.52N, 4.52W, h90km, gkm, ML3.8/4, Error ellipse: s-maj=7.4km s-min=4.1km az=178.0, SFS 27 13:24:34.0, 36.30N, 4.50W, h96km, ML3.4, ALBORAN W, INMG 27 13:24:34.6, 1.9, 36.34N, 4.55W, h98km, 8km, MD3.4, ML3.3, Error ellipse: s-maj=3.7km s-min=3.6km az=130.0, MDD 27 13:24:34.8, 0.5, 36.34N, 4.51W, h93km, 5km, mb3.4/42, Error ellipse: s-maj=3.9km s-min=3.0km az=174.0, PRRXIMO

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EMAL Malaga-Limoner, CEU Ceuta, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EGOR Sierra Gorda, ELGU Los Guajares, LUJA Lijar, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PNCL Nicolau / Gran, PMRV Marv??o, AVE Plasencia, etc.

27d 14h

Table with columns: EAGO, Agolada(Pontev), comp=N, 2.3nm, 0.1s, SNR=7.9, P, Pn, 13 26 14.8 +2.8, S, Sn, 13 27 26.9 -3.3, etc.

IDC 27 13:42:10.6:10.0, 4.55N:96.29E, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.3/48, mbtmp3.7/3, ML4.1/1, Error ellipse: s-maj=288.3km s-min=45.3km az=78.0

NEIC 27 13:42:14.5:0.5, 4.63N:0.10:96.2E:0.3, h35km, 16km, mb4.2/7, Error ellipse: s-maj=48.6km s-min=4.2km az=74.0

IDC 27 13:42:14.4:1.4, 4.6N:0.1:96.2E:0.3, h35km, n11, $\pm 0.28/11, mb4.1/6, Northern Sumatara$

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, GSI, Gunungsitoli, 3.56 156, Pn, Pn, 13 43 07.3 +0.1, etc.

NOU 27 13:44:52.0, 34.71S:179.62W, h315km, mb4.0, South of Kermadec Islands

WEL 27 13:45:14.4, 36.5S:179.9E:1.2, h237km, 14km, M3.7/26, ML4.0/8, MLV3.7/26, Error ellipse: s-maj=0.0km s-min=0.0km az=102.3, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MXZ, Matakaoa Point, 1.77 186, P, Pn, 13 46 19.8 -4.7, etc.

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Table with columns: PKVZ, Pokaka, 4.31 215, P, Pn, 13 46 22.4 +1.1, etc.

IDC 27 13:51:05.0:5.1, 24.13N:94.11E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.0/46, mbtmp3.2/2, MS4.0/1, Ms1 4.0/1, ms1mx2.7/56, az=61.0, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MKAR, Makanchi Array, 24.52 340, Op, P, 13 47 28.6 +0.2, etc.

UPA 27 14:07:05.9:1.3, 8.77N:84.14W, h0km, 6km, MW3.9

UCR 27 14:07:05.8:1.8, 8.72N:84.16W, h5km, MW3.6

IDC 27 14:07:05.8:1.8, 8.76N:0.06:84.15W, 0.06h, 12km, n24, $\pm 0.52/36, 3C-3D, Off coast of Costa Rica$

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, EDDO, Dominical, 0.56 30, Op, P, 14 07 16.5 +0.2, etc.

IDC 27 14:20:34.6:1.2, 33.42S:178.67W, h0km, mb4.1/4, mb1 4.3/5, mb1mx4.0/33, mbtmp4.2/5, ML4.1/1, MS3.4/4, Ms1 3.4/4, ms1mx3.0/32, Error ellipse: s-maj=33.9km s-min=32.0km az=72.0

NEIC 27 14:20:36.3:1.0, 33.6S:0.1:178.7W:0.2, h10km, 2km, mb4.5/9, Error ellipse: s-maj=27.9km s-min=22.3km az=118.0

WEL 27 14:21:40.0, 37.3S:177.8E:1.1, h62km, 18km, M2.9/28, ML3.1/27, MLV2.9/28, Error ellipse: s-maj=0.0km

IDC 27 14:20:39.8:1.0, 33.72S:0.009:178.5W:0.1, h41km, n74, $\pm 1.28/68, mb4.3/7, MS3.6/3, South of Kermadec Islands$

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PKGZ, Pakihiroa, 5.01 213, Op, P, 14 21 52.9 +0.4, etc.

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Table with columns: KRHZ, Kereru, 7.21 213, P, Pn, 14 22 21.3 -1.4, etc.

KRNET 27 14:42:40.2:0.1, 42.30N:79.47E, h12km, mb2.2, 8C, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PRZ, Przeval'sk, 0.82 283/1, Op, P, 14 42 55.8 -0.2, etc.

NNC 27 14:43:25.2:1.0, 43.10N:78.46E, h0km, mpv2.3, Error ellipse: s-maj=8.1km s-min=6.7km az=133.0

SOME 27 14:43:20.9, 43.05N:78.17E, h15km, 2C, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SATY, Saty, 0.17 87, eP, P, 14 43 25.6 +0.3, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like UALR, WLAR, BGNE, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like WWT, Y22D, PLAL, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like R55A, PFO, SADO, etc.

CHNS	Tsauling	2.57 330	eP	Pn	16 04 01.8 +1.0
CHNS	baz=318		eS	Sn	16 04 32.8 +1.2
SSLB	Suanglung	2.63 337	eP	Sn	16 04 01.6 +0.2
SSLB	baz=342		eS	Sn	16 04 33.7 +0.9
WDLH	Douliu	2.72 329	eP	Pn	16 04 02.5 -0.1
WDLH	baz=317		eS	Sn	16 04 36.4 +1.4
SMLT	Sun Moon Lake	2.73 337	eP	Pn	16 04 04.2 +1.2
SMLT	baz=323		eS	Sn	16 04 37.8 +2.2
TYC	Yuchr	2.77 336	eP	Pn	16 04 04.2 +0.8
TYC	baz=323		eS	Sn	16 04 38.1 +1.8
WTK	Tuku	2.79 326	eP	Pn	16 04 03.0 -0.7
WTK	baz=326		eS	Sn	16 04 37.5 +0.6
CHGB	Renai	2.81 343	eP	Pn	16 04 03.7 -0.4
CHGB	baz=349		eS	Sn	16 04 38.5 +0.9
WNT	Mingjian	2.81 333	eP	Pn	16 04 04.3 +0.3
WNT	baz=321		eS	Sn	16 04 38.4 +0.9
NACB	Ninganchiao	2.83 351	eP	Pn	16 04 02.8 -1.4
NACB	baz=356		eS	Sn	16 04 35.6 -2.2
DPDB	Guoxing	2.86 338	eP	Pn	16 04 03.4 -1.3
DPDB	baz=325		eS	Sn	16 04 40.8 +2.1
WHF	Hehuan Shan	2.87 345	eP	Pn	16 04 04.6 -0.5
WHF	baz=344		eS	Sn	16 04 40.2 +0.8
ETLH	Xiulin Townshi	2.88 349	eP	Pn	16 04 03.4 -1.6
ETLH	baz=347		S	Sn	16 04 39.0 -0.3
FUSS	Fushou	2.97 345	eP	Pn	16 04 06.0 -0.4
FUSS	baz=352		eS	Sn	16 04 43.2 +1.5
TWT	Tachien	2.99 344	eP	Pn	16 04 06.2 -0.5
TWT	baz=350		eS	Sn	16 04 42.0 -0.1
TDCB	Techi	3.00 344	eP	Pn	16 04 05.5 -1.1
TDCB	baz=342		eS	Sn	16 04 42.1 0.0
WHP	Taichung City	3.08 340	eP	Pn	16 04 07.8 0.0
WHP	baz=345		eS	Sn	16 04 47.5 +3.4
HATJ	Hateruma jima	3.12 30	P	Pn	16 04 08.2 +0.1
HATJ	baz=308		eS	Sn	16 04 44.5 -0.3
NNSB	Datong	3.12 348	eP	Pn	16 04 06.9 -1.4
NNSB	baz=355		eS	Sn	16 04 44.1 -1.0
NNSH	Datong	3.12 348	eP	Pn	16 04 06.2 -2.1
NNSH	baz=354		eS	Sn	16 04 44.2 -0.8
NNS	Nan Shan	3.13 348	eP	Pn	16 04 07.2 -1.2
NNS	baz=355		eS	Sn	16 04 45.1 -0.2
PHUB	Peng-hu	3.16 313	eS	Sn	16 04 44.4 -1.5
PHUB	baz=338		eS	Sn	16 04 11.0 +1.6
TWQ1	Liyutan	3.21 338	eP	Pn	16 04 48.8 +1.7
TWQ1	baz=338		eS	Sn	16 04 48.8 +1.7
NDT	Datong Townshi	3.26 351	eP	Pn	16 04 08.4 -1.8
NDT	baz=356		eS	Sn	16 04 47.4 -1.1
ENTT	Nioudou	3.29 352	eP	Pn	16 04 09.3 -1.3
ENTT	baz=357		eS	Sn	16 04 48.1 -1.1
IRIF	Iriomote-Funau	3.32 27	P	Pn	16 04 10.3 -0.7
YHNB	Yeheng	3.35 349	eP	Pn	16 04 10.8 -0.7
YHNB	baz=356		eS	Sn	16 04 49.8 -1.0
NSK	Sanguang	3.36 349	eP	Pn	16 04 10.8 -0.8
NSK	baz=356		eS	Sn	16 04 50.1 -0.9
TWE	Neicheng	3.36 354	eP	Pn	16 04 10.2 -1.3
TWE	baz=357		eS	Sn	16 04 49.4 -1.6
JKRS	Kuro-shima	3.37 32	P	Pn	16 04 12.2 +0.6
JKRS	baz=308		eS	Sn	16 04 51.2 +0.2
LIOB	Emei	3.41 343	eP	Pn	16 04 13.4 +1.2
LIOB	baz=329		eS	Sn	16 04 54.5 +2.3
NWLT	Wulai	3.44 351	eP	Pn	16 04 11.4 -1.2
NWLT	baz=350		eS	Sn	16 04 52.1 -0.8
JJJ	Ishigaki jima	3.54 32	P	Pn	16 04 14.2 +0.3
JJJ	baz=308		eS	Sn	16 04 54.4 -0.9
JISG	Ishigakijimahi	3.81 32	P	Pn	16 04 17.4 -0.2
JISG	baz=308		eS	Sn	16 05 01.7 -0.2
JTJ	Tarama	4.06 36	P	Pn	16 04 22.6 +1.5
JTJ	baz=308		eS	Sn	16 05 08.3 +0.3
KSRS	Korea Array	16.81 16	P	Pn	16 07 17.2 +0.8
CMAR	Chiang Mai Arr	21.94 266	P	P	16 08 13.2 +0.5
SONM	Songino Array	29.28 338	P	P	16 09 21.4 +0.3
MKAR	Makanchi Array	40.95 318	P	P	16 11 02.4 +0.9
H11N1	WAKE ISLAND Hy 41.89	84	T	T	16 56 05.5
H11N2	WAKE ISLAND Hy 41.89	84	T	T	16 56 07.0
H11N3	WAKE ISLAND Hy 41.90	84	T	T	16 56 06.8
H11S3	WAKE ISLAND Hy 41.93	86	T	T	16 56 05.4
H11S1	WAKE ISLAND Hy 41.94	86	T	T	16 56 06.3
H11S2	WAKE ISLAND Hy 41.95	86	T	T	16 56 05.4
WRA	Warramunga Arr	42.77 163	P	P	16 11 15.3 -1.2
ZALV	Zalesovo Beam	43.06 328	P	P	16 11 18.7 +0.2
ASAR	Alice Springs	46.22 165	P	P	16 11 42.8 -1.2

M=0.85±.07; Mw=0.36±.06; Mw=1.2±.07; Mw=1.1±.19; Mw=2.34±.05; Mw=0.53±.19; Best double couple: M2: 85300x1016 NP1: 175.00000°, 665.00000°, 121.00000°. NP2: 76.00000°, 871.00000°, 154.00000°. Principal axes: T: 2.8000, Plg32.0000°, Azm34.0000°; N: 0.1100, Plg58.0000°, Azm22.0000°; P: -2.9060, Plg4.0000°, Azm127.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
NIED 27 16:06:02.9, 21.56N, 121.87E, h83km, MW4.9, Moment Tensor Solution, s3 Moment tensor, Scale 10¹⁶Nm; M=0.78; Mw=0.48; Mw=1.26; Mw=1.53; Mw=2.10; Mw=0.39; Fault plane solution: M2: 85000x1016 NP1: 74.00000°, 873.00000°, 147.00000°. NP2: 74.00000°, 858.00000°, 120.00000°.

JMA 27 16:06:02.9±0.6, 21.56N±.121.87E, h83km, M4.4
ISC 27 16:06:00.8±0.9, 21.33N±.022.102E±.0.03, h9km±5km, n432, s212/440, mb4.7/110, MS4.3/41, 10C-13D, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
LAY	lan-yu	0.84	327	Op	16 06 14.4	-2.7
LAY	baz=323			S	16 06 20.0	+0.9
BBP	Bao	0.89	185	Op	16 06 17.9	-1.6
TSEB	Hengchuen, Pin	1.21	298	P	16 06 22.4	-1.5
TSEB	baz=297			Sb	16 06 40.3	+0.7
TWKBT	Hengchun	1.30	298	eP	16 06 20.7	-4.5
TWKBT	baz=298			eS	16 06 42.6	-0.1
TWK1	Hengchun	1.31	298	eP	16 06 21.3	-4.0
TWK1	baz=298			eS	16 06 42.1	-0.9
SNW	Nanwan	1.36	298	eP	16 06 25.0	-1.0
SNW	baz=297			eS	16 06 40.6	-3.6
HEN	Hengchun	1.39	299	eP	16 06 23.9	-2.6
HEN	baz=299			eS	16 06 44.4	-0.6
LDUT	Ludao	1.44	338	eP	16 06 23.0	-4.1
LDUT	baz=334			eS	16 06 44.9	-1.3
SLIU	Shizi	1.46	307	eP	16 06 23.0	-4.4
TAW	Tawu	1.48	314	eP	16 06 24.1	-3.5
TAW	baz=312			eS	16 06 44.4	-2.8
EAST	Anshou	1.53	313	eP	16 06 24.9	-3.5
EAST	baz=312			eS	16 06 46.0	-2.4
ECL	Taimai	1.62	321	eP	16 06 25.9	-3.7
TTN	Taitung	1.65	330	eP	16 06 27.8	-2.1
TTN	baz=327			eS	16 06 50.9	-0.3
SCZT	Fangliu	1.68	308	eP	16 06 27.3	-3.2
SCZT	baz=307			eS	16 06 53.5	+1.2
TWGBT	Beinan	1.73	329	eP	16 06 28.4	-2.7
TWGBT	baz=326			eS	16 06 51.2	-2.2
TWG	Pinlang	1.74	329	eP	16 06 28.1	-3.1
TWG	baz=326			eS	16 06 52.1	-2.4
TWG	Pinlang	1.74	329	eP	16 06 28.3	-2.9
EDH	Donghe	1.77	337	eP	16 06 27.3	-4.4
EDH	baz=334			eS	16 06 51.7	-2.7
LONT	Longtian	1.78	332	eP	16 06 29.0	-2.9
LONT	baz=329			eS	16 06 53.5	-1.3
SSPT	Xinbi	1.79	310	eP	16 06 30.4	-1.6
SSPT	baz=309			eS	16 06 54.6	-0.2
MASBT	Mashibu	1.83	314	eP	16 06 29.8	-2.7
MASBT	baz=313			eS	16 06 55.4	-0.4
WLCH	Liuqu	1.85	303	eP	16 06 32.7	-0.1
WLCH	baz=303			eS	16 06 56.6	+0.2
TWP	Hsiaoliuchiu	1.86	303	eP	16 06 33.6	-1.5
TWP	baz=302			eS	16 06 56.6	-0.1
TSMG	Majia	1.89	317	eP	16 06 33.0	-0.3
TSMG	baz=315			eS	16 06 56.7	-0.6
SSD	Sandimen	1.93	317	eP	16 06 31.8	-2.0
SSD	baz=315			eS	16 06 57.1	-1.1
FULB	Full	1.99	339	eP	16 06 32.6	-2.1
FULB	baz=336			eS	16 06 57.7	-2.0
SGLT	Jiouru	2.00	314	eP	16 06 34.4	-0.4
SGLT	baz=313			eS	16 06 57.7	-2.0
ELDTW	Lidau	2.08	333	eP	16 06 32.7	-3.4
SLGT	Lugu	2.10	322	eP	16 06 35.2	-1.0
SLGT	baz=320			eS	16 07 02.0	-0.6
SCST	Cishan	2.12	317	eP	16 06 34.1	-2.3
SCST	baz=316			eS	16 06 57.1	-1.1
EYUL	Yuli	2.12	341	eP	16 06 34.4	-2.0
EYUL	baz=338			eS	16 07 01.7	-1.2
TWMT	Hongshan	2.12	315	eP	16 06 37.3	+0.8
TWMT	baz=313			eS	16 06 57.1	-1.1
TWF1	Yuli	2.13	341	eP	16 06 33.0	-3.6
TWF1	baz=338			eS	16 07 01.4	-1.8
SNJT	Kaoshiung City	2.13	312	eP	16 06 36.4	-0.2
SNJT	baz=338			eS	16 07 01.4	-1.8
YULB	Yu-I	2.17	341	eP	16 06 33.5	-3.6
YULB	baz=338			eS	16 07 02.6	-1.6
YULB	Yu-I	2.17	341	Pn	16 06 33.9	-3.2
STYT	Tauyuan	2.18	327	eP	16 06 36.7	-0.7
STYT	baz=325			eS	16 07 04.5	0.0
SGST	Jiashian	2.21	322	eP	16 06 36.7	-1.1
SGST	baz=320			eS	16 07 04.0	-1.2
HGSD	Ruisui	2.23	345	eP	16 06 36.4	-1.6
EHY	Huyue	2.27	343	eP	16 06 35.2	-3.3
EHY	baz=340			eS	16 07 05.1	-1.5
CHN1	Nanshi	2.32	323	eP	16 06 38.9	-0.3
CHN1	baz=321			eS	16 07 08.8	+0.8
WTP	Ta-pu	2.32	325	eP	16 06 38.4	-1.0
WTP	baz=323			eS	16 07 07.3	-0.8
CHN3	Shihua	2.33	318	eP	16 06 40.5	+1.1

TPUB	Ta-pu	2.36 326	eP	Pn	16 06 38.6 -1.2
TPUB	baz=324		eS	Sn	16 07 09.4 +0.4
TPUB	Ta-pu	2.36 326	eP	Pn	16 06 38.4 -1.4
SNST	Tainan City	2.37 323	eP	Pn	16 06 40.4 +0.5
SNST	baz=321		eS	Sn	16 07 08.8 -0.2
EGFH	Guangfu	2.40 346	eP	Pn	16 06 38.6 -1.6
EGFH	baz=343		eS	Sn	16 06 40.4 -0.1
TWK	Hsiyung	2.41 323	eP	Pn	16 06 40.4 -0.1
TWK	baz=322		eS	Sn	16 07 08.0 -2.2
CHN4	Tsauhuan	2.42 326	eP	Pn	16 06 40.6 0.0
CHN4	baz=324		eS	Sn	16 07 09.4 -1.0
ALS	Alishan	2.46 332	P	Pn	16 06 41.2 -0.2
ALS	baz=330		eS	Sn	16 07 11.9 +0.3
ESL	Shilin	2.54 347	eP	Pn	16 06 39.5 -2.7
ESL	baz=344		eS	Sn	16 07 09.1 -1.1
VWDT	Wudang	2.55 341	eP	Pn	16 06 40.9 -1.5
VWDT	baz=338		eS	Sn	16 06 42.4 -0.6
CHN5	Tsauling	2.59 331	eP	Pn	16 06 42.4 -0.6
CHN5	baz=329		eS	Sn	16 07 13.4 -1.2
ICHU	Yijhu	2.60 321	eP	Pn	16 06 43.5 +0.4
ICHU	baz=319		eS	Sn	16 07 13.1 -1.7
CHY	Chiayi	2.63 325	eP	Pn	16 06 43.2 -0.3
CHY	baz=323		eS	Sn	16 07 15.7 +0.1
CHN2	Minshiang	2.63 327	eP	Pn	16 06 44.4 +0.9
CHN2	baz=325		eS	Sn	16 06 43.5 0.0
CHN8	Yijhu	2.63 320	eP	Pn	16 06 43.5 0.0
SSLB	Suanglung	2.65 338	eP	Pn	16 06 42.6 -1.1
SSLB	baz=335		eS	Sn	16 06 42.4 -1.4
SSLB	Suanglung	2.65 338	e		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MASBT Mashbuluo, CHN4 Tsaushan, TWK Hsiuying, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Arr, ARCES ARCESS Array B, BURAR Buxovina Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PRHZ Porangahau, ANWZ Angora Road, PNWX Pawanua, etc.

TAP 27 16:28:08.5, 22.98N, 120.92E, h6km, 1km, ML1.3, C

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LONT Longtian, TWG Pinlang, TWG Pinlang, etc.

WEL 27 16:42:22.7, 0.3, 45'S, 2'x16'9E, h5km, M3.5/14, ML3.7/14, MLV3.5/14, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WKZ Wanaka, LBZ Lake Benmore, JCZ Jackson Bay, etc.

IDC 27 16:49:42.7, 0.2, 21'22N, 122.11E, h0km, mb3.8/18, mb1.3/9.2, mb1mx3.6/51, mbtmp3.9/2, MS3.9/2, MS3.3/6

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

IDC 27 16:36:15.7, 1.0, 16.36S, 173.32W, h0km, mb3.9/7, mb1.4/2, mb1mx3.9/31, mbtmp3.9/7, MS3.3/1, Ms1.3/3.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AFI Afimamalu, URZ Urewera, HNR Honiara, etc.

IDC 27 16:44:36.7, 4.3, 17.17S, 173.80W, h0km, mb3.9/2, mb1.4/1.2, mb1mx3.6/39, mbtmp3.9/2, Error ellipse: s-maj=218.8km

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

ISC 27 16:49:44.3, 1.6, 21.47N, 121.98E, 0.03, h2km, 9km, n161, s19/212, mb3.8/24, MS3.1/5, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TAW Taw, EAST, ECL Taimali, etc.

SKHL 27 16:45:55.5, 0.2, 43.78N, 147.70E, h35km, 5km, mb4.2/4, JMA 27 16:45:56.2, 0.4, 43.59N, 147.45E, h16km, M3.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, GRPR, KUR Kuril'sk, etc.

ISC 27 16:45:53.3, 4.1, 43.8N, 0.1x147.6E, 0.1, h13km, 20km, n13, s184/19, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SCZT Fangliu, SCZT, TWGBT Beinan, etc.

WEL 27 16:46:43.8, 40'S, 2'x17'7E, 1'0, h8km, 3km, M2.6/30, ML2.9/29, MLV2.6/30, Error ellipse: s-maj=0.0km

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BATH, STRD, OLDB, HMNX, MCH1, WACR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ROSF, WPS, QUIT, BAIF, CLF, DOU, BGD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SOEI, BATI, MMRI, FITZ, TOLJ, WBO, WRA, etc.

IDC 27 19:08:45.8-0.9, 16.91Sx175.32E, h0km, mb3.9/10, mb1.4/1.0, mb1mx4.0/2.6, mbtmp3.9/10, MS3.6/7, Ms1.3.6/17, ms1mx3.5/1.7, Error ellipse: s-maj=35.8km s-min=23.3km az=143.0, NEIC 27 19:08:49.8-2.0, 16.85S:0.1x175.76E:0.06, h39km, 8km, mb4.4/1.0, Error ellipse: s-maj=15.1km s-min=8.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MSVF, SAIWU, DZM, etc.

NEIC 27 18:30:41.1±2.0, 9.14S:0.0x127.00E:0.08, h50km, 10km, mb4.1/0.8, Error ellipse: s-maj=11.1km s-min=4.5km, IDC 27 18:30:43.2±2.1, 9.27S:126.99E, h77km, 24km, mb3.8/5, mb1.4/0.10, mb1mx3.8/2.8, mbtmp4.1/1.0, Error ellipse:

m4.2/17, Error ellipse: s-maj=13.9km s-min=9.1km az=249.0
THR 27.07.23.9.0.5, 27.43N-56.22E, h14km, 3km, ML4.2
IDC 27.07.23.9.0.9, 27.35N-56.13E, h0km, m4.0, M18,
mb1.4, 1/23, mb1mx3.97, mbtmp4.0/23, ML3.8, 8/4, OS3.5/17,
Ms1.3.6/17, ms1mx3.3/44, Error ellipse: s-maj=19.2km
s-min=15.0km az=7.0
TEH 27.07.24.4, 27.46N-56.19E, h10km, ML4.4
MOS 27.07.25.2.1, 27.24N-56.05E, h22km, mb4.4/15, Error
ellipse: s-maj=8.3km s-min=5.6km az=94.8
NEIC 27.07.27.1.1, 3.27.51N-0.06-56.16E, 0.05, h18km, 3km,
Error ellipse: s-maj=9.2km s-min=5.9km az=9.8
ISC 27.07.25.6.0.7, 27.45N-0.03-56.18E, 0.04, h7km, 4km,
n238, c133/247, mb4.2/48, MS4.5/14, 7C-6D, Southern
Iran

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

Table with columns: IQOM, Qom, 8.57 331 ePn Pn, 21 09 31.4 +1.1. Lists seismic events with magnitudes, locations, and times.

Table with columns: VRH, Novokhoporsk, 26.13 339 eP P, 21 12 59.4 -0.7. Lists seismic events with magnitudes, locations, and times.

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

IDC 27 23:13:39.7.1.3.0.30S.140.90E. h0km, mb3.5/2, mb1 4.0/3, mb1mx3.4/4.1, mbtmp3.7/3, ML4.2/1, Error ellipse: s-maj=59.7km s-min=19.9km az=92.0, Irian Jaya

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

IDC 27 23:18:34.1.3.0.13.49N.92.86E. h0km, mb3.7/9, mb1 3.9/10, mb1mx3.6/6.5, mbtmp3.7/10, ML3.8/1, MS3.7/3, Ms1 3.7/3, ms1mx2.9/3.9, Error ellipse: s-maj=66.9km s-min=34.1km az=151.0

ISC 27 23:18:35.6.1.4.13.77N.02.93.4E.0.1, h10km, n29, s=174/19, mb3.5/9, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UTHAITI, MHTM, CM13, etc.

IDC 27 23:20:49.4.1.0.3.29S.141.05E. h0km, mb3.9/9, mb1 4.3/13, mb1mx4.1/4.4, mbtmp4.1/13, ML4.4/2, MS3.5/6, Ms1 3.5/6, ms1mx3.1/3.1, Error ellipse: s-maj=26.2km s-min=15.7km az=82.0

DJA 27 23:20:50.5.4.3.3.3S.141.1E. s, h10km, M4.5/12, mB5.2/1, mb4.5/12, MLv4.5/4, Mw(mB)4.5/1

NEIC 27 23:20:57.4.1.7.3.5S.0.1, 140.8E.0.1, h47km, 8km, mb4.4/18, Error ellipse: s-maj=15.7km s-min=13.8km az=138.0

ISC 27 23:20:51.7.0.6.3.36S.104.140.97E.0.08, h10km, n60, s=183/60, mb4.3/19, MS3.5/4, Irian Jaya

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, FAKI, SUJI, COEN, WBN, WRO, WRA, etc.

HEL 27 23:24:33.4.0.3.67.14N.20.57E, h0km, ML1.3, Explosion, Sweden

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

UPP 27 23:25:21.8.0.1.67.08N.20.80E, h0km, ML3.0, Explosion, Sweden

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

UPP 27 23:29:37.9.0.1.67.18N.20.66E, h0km, ML3.1, Explosion IDC 27 23:29:38.9.0.7.67.16N.21.10E, h0km, mb3.3/3, mb1 3.5/10, mb1mx3.3/4.1, mbtmp3.5/10, ML3.1/7, MS3.2/1, Ms1 3.2/1, ms1mx2.4/3.4, Error ellipse: s-maj=13.2km s-min=6.2km az=109.0

NAO 27 23:29:38.3.0.7.67.13N.20.95E, ML3.3

HEL 27 23:29:38.9.0.1.67.20N.20.68E, h0km, ML2.7, ML3.1(UPP), Suspected explosion

BER 27 23:29:40.4.3.7.67.16N.20.56E, h0km, ML2.7, ML3.3(NAO), Suspected explosion

ISC 27 23:29:37.3.0.6.67.13N.20.60E.0.02, h0km, n64, s=150/97, Sweden

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

STEI Steigen, 2.21 294 Pn Pp 23 30 16.9 -1.1

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

STEI Steigen, 2.21 294 ePg eSb 23 30 17.2 -0.8

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

STEI Steigen, 2.21 294 ePg eSb 23 30 17.2 -0.8

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

STEI Steigen, 2.21 294 ePg eSb 23 30 17.2 -0.8

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

STEI Steigen, 2.21 294 ePg eSb 23 30 17.2 -0.8

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

STEI Steigen, 2.21 294 ePg eSb 23 30 17.2 -0.8

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

STEI Steigen, 2.21 294 ePg eSb 23 30 17.2 -0.8

STEI Steigen, 2.21 294 ePg eSb 23 30 18.4 +0.4

2DC 1h

Table with columns: DPC, Dobruska-Polom, 1.20 176, P, Pg, 01 11 04.4 -0.5, 01 11 19.0 -1.4, etc.

2015 JAN

Table with columns: VYHS, Vyhne, 3.50 150, Pn, 01 11 37.4 -0.2, 01 11 37.4 -0.2, etc.

1290

Table with columns: FETA, Feichten, 5.76 220, Pn, 01 12 09.5 +0.7, 01 12 09.5 +0.7, etc.

28d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNY, WHN, W18A, and many others.

2015 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like E07A, SRAK, HAWA, RAGM, W18A, and many others.

1294

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VNA3, PV18, PV23, PV11, AIS, PV12, ZEA, ZEA, ZEA, ZEA, and many others.

28d 2h

Table with columns: ZSN, Name, Date, Time, Status, and other details. Includes entries like ZSN Zaisan, ZSN Dark Hollow, ZSN Oxford, etc.

2015 JAN

Table with columns: J59A, Name, Date, Time, Status, and other details. Includes entries like J59A Piesco, L60A Shokan, LONY Lake Ozonia, etc.

1296

Table with columns: E63A, Name, Date, Time, Status, and other details. Includes entries like E63A Oxbow, F64A Sherman, H65A Eastbrook, etc.

28d 2h

2015 JAN

1298

Table with columns for station name, frequency, power, and other technical details. Includes stations like Amara, Pogonaele, Nehoiu, West Acru, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pruhonice, Vranov, Gorka Klasztor, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pruhonice, Vranov, Gorka Klasztor, etc.

1303

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R32A Long Quarter, Z35A Perchaven, KSU1 Kansas State, etc.

IDC 28 05:47:29.4:13.0, 46.24N, 147.71E, h0km, mb3.4/4, mb1 3.8/4, mb1mx3.4/4, mbmtmp3.4/4, MS3.1/1, Ms1 3.2/1, ms1mx2.4/3, Error ellipse: s-maj=414.0km s-min=114.5km az=93.0, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, YKA Yellowknife Ar, etc.

IDC 28 05:56:11.6:5.7, 20.46N, 77.65W, h0km, mb2.8/1, mb1 3.7/2, mb1mx3.2/5, mbmtmp3.5/2, ML3.0/1, Error ellipse: s-maj=346.2km s-min=39.8km az=44.0, SSNC 28 05:56:16.9:1.0, 19.57N, 78.29W, h6km, mb3.7km, MD3.3, ML2.8, MW3.3

JSN 28 05:56:19.4:0.5, 19.60N, 78.29W, h43km, 8km, MD3.8, ISC 28 05:56:15.3:1.8, 19.63N, 0.05:78.48W, h14km, 12km, n18, i161/27, 2D, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LMGC Las Mercedes, MTJD Mount Denham, BBJ Bamboo Saint A, etc.

2015 JAN

RSPR 28 06:22:04.8:19.31N, 67.11W, h49km, 9km, MD3.4/12, NEIC 28 06:22:04.1:1.2, 19.26N, 0.08:67.07W, 0.05, h25km, 17km, Error ellipse: s-maj=12.5km s-min=6.5km az=168.0, ISC 28 06:22:04.8:1.7, 19.23N, 0.08:67.08W, 0.05, h29km, n50, o062/56, 11C-2D, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AGPR Aguadilla, EMPR Esperanza, AOPR Arecibo, etc.

28d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TIWZ Tintock, PRWZ Poru Road, PAWZ Parauwi Farm, etc.

IDC 28 06:28:32.6:7.8, 6.22S, 148.75E, h48km, 66km, mb3.4/2, mb1 3.8/4, mb1mx3.3/4, mbmtmp3.8/4, ML3.3/2, MS2.7/1, Ms1 2.7/1, ms1mx3.1/9, Error ellipse: s-maj=95.4km s-min=56.2km az=121.0, 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.

IDC 28 06:31:29.2:1.4, 46.73N, 81.17W, h0km, mb2.9/3, mb1 3.5/5, mb1mx3.3/3, mbmtmp3.2/5, ML2.9/2, Error ellipse: s-maj=41.5km s-min=6.6km az=43.0, ANF 28 06:31:30.0:1.2, 46.71N, 81.32W, h8km, 10km, ML4.1/12, Error ellipse: s-maj=5.7km s-min=3.9km az=136.0, OTT 28 06:31:30.6:0.0, 46.67N, 81.34W, h1km, MN3.6/21, Mining related event, Sudbury, On 8km northeast from Onaping Falls, On Mining Induced

ISC 28 06:31:28.7:0.7, 46.72N, 0.03:81.33W, 0.03, h0km, n61, 18/24/90 Ontario

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SUNO Sudbury Onaping, EEO Eldee, KLBO Killbear Provi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SADO Sadowa, G54A Lake Saint Pet, BASO Ashfield, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like G40A Rib Lake, H60A Morristown, G60A Masenville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RIDG Independent Ri, ANM Nome, IMAR Indian Mountai, etc.

28d 8h

2015 JAN

1306

s-maj=7.9km s-min=7.4km az=141.0
GCMT 28 08:38:03.0,0.6,21.722S,0.07:179.76W:0.05,
h612km,4km,MW5.5,4.5,Moment Tensor Solution,
s45.0Sc; Duration: 11s Moment tensor: Scale 10^17Nm;

ISC 28 08:38:02.6,0.3,21.705S,0.04:179.22W,0.05,
h608km,3km,h609km;P-P,n87e,1529131,mb5.0/172,
57C-131D,Fault plane solution: NP1:10:241.56120°,
830.98558°,λ-39.73732°. NP2:0:7.03813°,δ70.78524°,
λ-114.78695°. Principal axes: T Plg21.9307°,
Azml115.6755°; N Plg23.3215°,Azml15.6798°; P
Plg57.0259°,Azml244.0349°; F Phase ID

Table with columns: Code, Station Name, Δ°, AZ°, Time, Res. Lists stations like Nonsavu, Raoul Island, Niue, etc.

Main station list table with columns: Name, Time, Res. Includes stations like NMEZ, WAZ, WPHZ, etc.

Main station list table with columns: Name, Time, Res. Includes stations like WRA, WRA, WRA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TJN, KSR5, PEAOB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like J05D, PINE, PRN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRH, LC01, PLCA, etc.

28d 10h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KATZ Kakaramea, TMVZ Te Maari, etc.

TUL 28 09:33:50.0, 9, 35.54N, 0.03:97:23W, 0.03, h7km, 7km, ML3.2, mb, Lg2, 9.46(NEIC), Error ellipse: s-maj=5.1km, s-min=2.0km, az=145.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK001 Jones High Sch, OK025 Westminster Rd, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WHTX Lake Whitney, KSU1 Kansas State U, etc.

GUC 28 09:36:17.2, 0.5, 37.45S, 74.22W, h32km, 6km, ML3.7, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like B103 Tigo, B103 Tigo, etc.

IDC 28 09:38:05.6, 1.6, 64.68N, 17.56W, h0km, mb3.5/4, mb1.3/9.5, mb1mx3.4/47, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=46.7km, s-min=15.4km, az=0.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BORG Borganes, SCO Scoresbysund, etc.

1310

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, ARSB Arslanbob, etc.

28d 11h

Table of seismic data for 28d 11h, listing stations like KK31, KKAR, KKAR, IUG, IUG, IUG, etc., with columns for station name, time, magnitude, and other parameters.

2015 JAN

Table of seismic data for 2015 JAN, listing stations like C36M, FIA1, FINE, FINE, etc., with columns for station name, time, magnitude, and other parameters.

1312

Table of seismic data for 1312, listing stations like QLMT, YHB, YMR, YMR, etc., with columns for station name, time, magnitude, and other parameters.

Table with columns: Name, Comp, Az, El, P, S, Az, El, P, S. Includes entries like AXAR Agios Charalam, AGG Agios Georgios, etc.

Table with columns: Name, Comp, Az, El, P, S, Az, El, P, S. Includes entries like EZN Ezine, CANAKKALE Bayr, etc.

Table with columns: Name, Comp, Az, El, P, S, Az, El, P, S. Includes entries like S39A Bolivar, U40A Yellville, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like ILOC Station P, ILOC Station P, ILOC Station P, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR Westbrook Farm, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like OK029 Liberty Lake, OK029 Liberty Lake, OK030 Cody Creek RV, etc.

28d 15h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASG, ARCES, FINES, NC405, etc.

IDC 28 15:21:30.9±2.5, 44.89N-150.51E, h0km, mb3.8/5, s-maj=103.2km s-min=27.8km az=77.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR, YUK, GRPR, etc.

WEL 28 15:41:29.5±0.5, 34.5S±8.7x17.9W±1.8, h149km, 13km, M4.1/32, mB4.6/13, ML4.8/22, MLv4.7/32, MW(mB)3.8/13

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

2015 JAN

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

TUL 28 15:48:35.1±1.3, 36.62N, 0.01x97.71W±0.02, h5km, 7km, ML3.0, mb, Lg2.9/51(NEIC), Error ellipse: s-maj=2.9km

NEIC 28 15:48:35.1±0.6, 36.60N, 0.01x97.71W±0.02, h3km, 7km, Error ellipse: s-maj=3.0km s-min=0.9km az=63.0

ANF 28 15:48:36.2±0.9, 36.67N, 97.71W, h13km, 6km, ML3.6/9, Error ellipse: s-maj=2.9km s-min=2.5km az=103.0

ISC 28 15:48:35.1±1.0, 36.60N, 0.02x97.71W±0.02, h6km, 11km, n61, c0872/58, Oklahoma

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CROK, KAN14, etc.

1318

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

comp=N, 616nm, 0.7s IAML 15 49 44.0

comp=E, 459nm, 0.4s IAML 15 49 29.9 +1.0

comp=E, 342nm, 0.3s IAML 15 49 35.4 +0.6

comp=N, 180nm, 0.7s IAML 15 49 42.1 +0.9

comp=N, 300nm, 0.4s IAML 15 50 10.0

comp=E, 269nm, 0.6s IAML 15 49 43.7 +1.5

comp=N, 109nm, 0.6s IAML 15 50 28.0

comp=N, 122nm, 0.6s IAML 15 49 47.2 +1.9

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=E, 162nm, 0.4s IAML 15 49 54.9 -0.8

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

comp=N, 98nm, 0.7s IAML 15 50 26.0

cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 Triangular moment rate function
 IDC 28 15:54:39.4.1.1.34.52N-25.10E, h33km, 8km, mb4.7/35,
 mb1 4.8/45, mb1mx4.8/52, mbtmp4.9/45, ML4.1/7, MS4.4/38,
 Ms1 4.4/38, ms1mx4.3/55, Error ellipse: s-maj=1.0, 0.0km
 s-min=8.5km az=135.0

NEIC 28 15:54:39.0.1.6.34.46N-0.06:25.09E, 0.07, h37km, 1km,
 mb5.3/257, Ms 20.4/7.8, Mw5.5/234, Mw5.1/1, ML5.0(THE),
 ML4.9(A TH), Error ellipse: s-maj=1.0, 1.1km s-min=9.4km
 az=223.0

BGR 28 15:54:39.2.0.0.34.40N-25.27E, h33km, mb5.0, Ms4.3
 NEIC 28 15:54:42.34.44N-25.10E, h36km, Moment tensor
 Solution. Moment tensor: Scale 10¹⁶Nm; M₃₃:6.5;
 M₁₁:3.6; M₂₂:0.05; M₁₂:3.1; M₁₃:0.56; M₂₃:0.57; Fault
 plane solution: M4.980000*10¹⁶ Np1=250.00000*,
 525.00000*, 1.68.00000*. NP2=93.00000*, 866.00000*,
 1.00.00000*. Principal axes: T 5.0409, Plg67.0000*,
 Azm22.0000*; N -0.1333, Plg9.0000*, Azm269.0000*; P
 -4.9076, Plg21.0000*, Azm176.0000*;
 HLW 28 15:54:46.3, 33.71N-25.73E, h23km, 17km, Md4.6
 SGS 28 15:54:46.6, 33.74N-25.56E, h9km, ML4.2
 ISC 28 15:54:38.8.0.3.3445N.0.03:25.09E.0.03, h35km, 3km,
 h36km, P-P, n1331, +173/1393, mb5.3/263, MS4.5/75,
 186C-113D, Fault plane solution: NP1=173.71285*,
 336.96103*, 1.21.13650*. NP2=96.54636*, 81.47807*,
 1.125.06363*. Principal axes: T Plg45.9160*,
 Azm12.2713*, N Plg34.1126*, Azm237.8939*,
 Plg24.3117*, Azm130.0749*; Fault plane solution:
 NP1=18.42497*, 684.38287*, 1.99.96045*. NP2:
 237.55843*, 811.42121*, 1.29.62332*. Principal axes:
 T Plg49.6689*, Azm39.3181*, N Plg9.9121*,
 Azm297.4402*, P Plg38.6010*, Azm199.4211*, Crete

Code	Station Name	Δ	Plg	Phase ID	ISC	Time	Res
		h	s				
SIVA	Sivas	0.61	338	P	S	15 54 50.8	-0.3
SIVA	Sivas			S	S	15 55 00.1	+0.4
SIVA	Sivas			AML	AML	15 55 07.3	
SIVA	Sivas			AML	AML	15 55 09.6	-0.3
SIVA	Sivas	0.61	338	P	S	15 54 50.8	-0.3
SIVA	Sivas			S	S	15 55 04.0	+4.3
TMBK	Timbaki Herakl	0.68	337	P	S	15 54 52.3	+0.4
TMBK	Timbaki Herakl			S	S	15 55 05.6	+4.4
LAST	Lasithi	0.78	24	P	Pn	15 54 53.5	+0.1
LAST	Lasithi			S	S	15 55 04.4	+0.4
LAST	Lasithi			AML	AML	15 55 17.3	
LAST	Lasithi	0.78	24	P	Pn	15 54 53.8	+0.4
LAST	Lasithi			S	S	15 55 08.4	+0.4
IDI	Anoia	0.85	349	P	Pn	15 54 54.7	+0.3
IDI	Anoia			AML	AML	15 55 06.8	+1.0
IDI	Anoia	0.85	349	P	Pn	15 54 54.7	+0.3
IDI	Anoia			AML	AML	15 55 15.1	
IDI	Anoia	0.85	349	P	Pn	15 54 54.7	+0.3
IDI	Anoia			S	S	15 55 11.7	+5.9
IDI	Anoia	0.85	349	PG	Pn	15 54 54.7	+0.3
IDI	Anoia			SG	SG	15 55 09.8	+4.0
IDI	Anoia	0.85	349	P	Pn	15 54 54.5	+0.1
IDI	Anoia			S	S	15 55 07.4	-1.1
IDI	Anoia	0.85	349	↑P	↑P	15 54 54.0	-0.2
KSTL	Kastelli Herak	0.85	359	P	Pn	15 54 54.0	-0.4
IACM	Heraklion	0.86	359	P	Pn	15 54 55.1	+0.7
IACM	Heraklion			AML	AML	15 55 22.0	
IACM	Heraklion	0.86	359	P	Pn	15 54 55.3	+0.9
IACM	Heraklion	0.86	1	P	Pn	15 54 55.4	+0.9
HRKL	Heraklion	0.86	359	P	Pn	15 54 55.1	+0.7
HRKL	Heraklion			S	S	15 55 11.4	+5.3
HRKL	Heraklion	0.86	1	PG	Pn	15 54 54.8	+0.3
GVD	Gavdhos	0.91	296	P	Pn	15 54 55.4	+0.3
GVD	Gavdhos			S	S	15 55 07.4	+0.4
GVD	Gavdhos			AML	AML	15 55 17.3	
GVD	Gavdhos	0.91	296	P	Pn	15 54 55.4	+0.3
GVD	Gavdhos			S	S	15 55 11.2	+4.2
GVD	Gavdhos	0.91	296	PN	Pn	15 54 55.1	0.0
GVD	Gavdhos			SN	SN	15 55 10.3	+3.3
GVD	Gavdhos	0.91	296	P	Pn	15 54 55.7	+0.6
GVD	Gavdhos			S	S	15 55 12.0	+5.0
GVD	Gavdhos	0.91	296	PN	Pn	15 54 55.3	+0.2
GVD	Gavdhos			SN	SN	15 55 10.9	+3.9
GVD	Gavdhos	0.92	28	P	Pn	15 54 55.8	+0.5
NPS	Neapolis	0.92	28	P	Pn	15 55 23.8	
NPS	Neapolis			AML	AML	15 55 23.8	
NPS	Neapolis	0.92	28	P	Pn	15 54 55.9	+0.6
STIA	Sitta Lasithi	1.12	47	P	Pn	15 54 58.4	+0.4
STIA	Sitta Lasithi			S	S	15 55 16.5	+4.4
ZKR	Zakros	1.15	54	P	Pn	15 54 59.1	+0.8
ZKR	Zakros			S	S	15 55 16.3	+3.5
ZKR	Zakros			AML	AML	15 55 26.9	
ZKR	Zakros	1.15	54	PN	Pn	15 54 57.8	-0.6
VAM	Vamos	1.20	323	P	Pn	15 55 00.2	+1.0
VAM	Vamos			AML	AML	15 55 30.7	
VAM	Vamos			AML	AML	15 55 41.9	
VAM	Vamos	1.20	323	P	Pn	15 55 00.4	+1.3
VAM	Vamos			S	S	15 55 21.0	+6.8
IMMV	lera Moni Meta	1.36	318	P	Pn	15 55 02.9	+1.6
IMMV	lera Moni Meta			AML	AML	15 55 39.5	
IMMV	lera Moni Meta			AML	AML	15 55 39.6	
IMMV	lera Moni Meta	1.36	318	P	Pn	15 55 02.6	+1.3
IMMV	lera Moni Meta			S	S	15 55 24.1	+6.0
IMMV	lera Moni Meta	1.36	318	PN	Pn	15 55 02.4	+1.1
SANT	Santorini	1.94	9	P	Pn	15 55 10.9	+1.5
SANT	Santorini	1.94	9	PN	Pn	15 55 10.0	+0.6
SANT	Santorini	1.94	9	P	Pn	15 55 10.6	+1.3
SANT	Santorini	1.94	9	PN	Pn	15 55 10.7	+1.3
SANT	Santorini	1.98	6	P	Pn	15 55 11.9	+2.1
THR3	Thira Island	1.98	6	P	Pn	15 55 11.8	+2.1
THR3	Thira Island	1.98	6	P	Pn	15 55 11.8	+2.1
THR3	Santorini-Mono	1.98	9	P	Pn	15 55 11.6	+1.7
SNT1	Gialos, Santor	1.99	16	P	Pn	15 55 12.1	+2.2
ANAF	Anafi Island	2.00	6	P	Pn	15 55 12.1	+2.1
SAP3	Santorini-Thir	2.03	57	P	Pn	15 55 13.5	+3.0
KARP	Karpathos	2.03	57	P	Pn	15 55 13.5	+3.0
KARP	Karpathos			AML	AML	15 55 58.4	
KARP	Karpathos	2.03	57	PN	Pn	15 55 10.2	-0.3
KARP	Karpathos	2.03	57	PN	Pn	15 55 13.2	+2.7
KARP	Karpathos	2.03	57	↑P	↑P	15 55 13.3	+2.8
MHLO	Agia Marina, M	2.31	346	P	Pn	15 55 15.6	+1.3
KTHA	Kythira Island	2.45	318	P	Pn	15 55 18.5	+2.2
KTHA	Kythira Island	2.45	318	PN	Pn	15 55 18.1	+1.7
KTHR	Kythira	2.48	317	P	Pn	15 55 19.3	+2.5
APE	Apeiranthos	2.64	8	P	Pn	15 55 20.5	+1.5
APE	Apeiranthos	2.64	8	PN	Pn	15 55 20.3	+1.3
APE	Apeiranthos	2.64	8	↑P	↑P	15 55 20.3	+1.3
APE	Apeiranthos	2.64	8	↑P	↑P	15 55 20.4	+1.3
NISR	Nisiros	2.73	7	P	Pn	15 55 21.7	+1.6
KOSK	Kos Island	2.77	33	PN	Pn	15 55 21.3	+0.7
VLI	Vellia	2.86	323	P	Pn	15 55 22.4	+0.4
SLUM	Salum	2.95	178	P	Pn	15 55 22.1	-1.1
SLUM	Salum			S	S	15 55 47.9	-9.5
ARG	Arkhangelos	3.05	54	PN	Pn	15 55 24.9	+0.4
ARG	Arkhangelos	3.05	54	↑P	↑P	15 55 26.8	+2.2
DATC	Datka-Mugla	3.12	42	PN	Pn	15 55 25.9	+0.4
BODT	Bodrum	3.17	34	P	Pn	15 55 26.7	+0.4

BODT	Bodrum	3.17	34	PN	Pn	15 55 26.9	+0.6
YKAV	Yalikavak-Bodr	3.21	33	PN	Pn	15 55 27.5	+0.7
KRND	KRANIDI	3.22	332	P	Pn	15 55 29.7	+1.4
MURS	Marmaris-Mugla	3.40	47	PN	Pn	15 55 29.6	+0.2
TURN	Turunc	3.47	47	PN	Pn	15 55 30.6	+0.4
ERID	Erdos	3.54	34	PN	Pn	15 55 34.2	+2.3
ATHU	Athens Univer	3.67	344	P	Pn	15 55 34.5	+1.5
GCAM	Gzelmci	3.68	28	PN	Pn	15 55 34.5	+1.3
ATH	Athens Observa	3.69	343	P	Pn	15 55 35.0	+1.7
PTL	Pentele	3.73	345	P	Pn	15 55 35.6	+1.7
YER	Yerkesik	3.73	43	P	Pn	15 55 36.1	+2.1
YER	Yerkesik	3.73	43	PN	Pn	15 55 36.7	+1.7
YER	Yerkesik	3.73	43	P	Pn	15 55 36.6	+1.6
DION	Dionisios Atik	3.74	346	P	Pn	15 55 35.9	+1.8
ITM	Ithomi	3.75	318	P	Pn	15 55 35.0	+0.9
ITM	Ithomi	3.75	318	PN	Pn	15 55 36.9	+2.8
ITM	Ithomi	3.75	318	PN	Pn	15 55 35.0	+0.9
ITM	Ithomi	3.75	318	PN	Pn	15 55 35.1	+1.0
DALY	Dalyan (Mula)	3.75	50	PN	Pn	15 55 34.3	+0.2
FETY	Fethiye	3.92	55	P	Pn	15 55 36.4	-0.2
FETY	Fethiye	3.92	55	PN	Pn	15 55 36.6	-0.0
LOUT	Loutrak	3.92	335	P	Pn	15 55 38.4	+1.8
KSL	Kastellorizon	4.05	64	↑S	↑S	15 55 37.9	-0.3
KSL	Kastellorizon	4.05	64	↑S	↑S	15 56 24.3	-0.2
EREA	Eretria	4.07	347	P	Pn	15 55 40.4	+1.8
UZLA	Uzmir	4.09	17	PN	Pn	15 55 39.6	+0.7
AKAS	Kas	4.10	63	PN	Pn	15 55 38.3	-0.8
AKAS	Kas	4.10	63	PN	Pn	15 55 38.7	-0.4
AYDE	Aydin	4.16	63	PN	Pn	15 55 39.4	+1.3
KYMI	Kymi, Euboea I	4.25	350	P	Pn	15 55 42.6	+1.5
DEMIR	Demre-Antalya	4.33	64	PN	Pn	15 55 42.3	+0.2
DRO	Drossia	4.44	323	P	Pn	15 55 46.2	+2.6
ELL	Elmalı	4.55	58	PN	Pn	15 55 45.6	+0.3
ELL	Elmalı	4.55	58	PN	Pn	15 55 45.9	+0.3
ELL	Elmalı	4.55	58	PN	Pn	15 55 46.8	+1.5
AXS	Axaros	4.79	322	P	Pn	15 55 51.2	+2.7
SIGR	SIGRI	4.79	7	PN	Pn	15 55 50.2	+1.7
DIKI	Dikili	4.84	17	PN	Pn	15 55 51.1	+2.0
MANI	Manisa	4.91	34	PN	Pn	15 55 52.3	+2.0
KEMR	Kemer-ANTALYA	4.95	63	PN	Pn	15 55 51.2	+0.5
KULA	Kula-Manisa	4.98	34	PN	Pn	15 55 53.0	+1.9
KORT	Korkuteli	4.98	58	PN	Pn	15 55 52.1	+0.9
AGG	Agios Georgios	5.07	335	PN	Pn	15 55 54.8	+2.4
AGG	Agios Georgios	5.07	335	PN	Pn	15 55 53.7	+1.3
AGG	Agios Georgios	5.07	335	↑P	↑P	15 55 53.7	+1.3
ANTB	Antalya	5.15	60	PN	Pn	15 55 54.1	+0.7
SWA2	Swazi	5.20	176	P	Pn	15 55 52.5	-1.6
OSCI	CSNet OBS 1	5.23	99	P	Pn	15 55 51.4	-3.1
BASM	Baskamlı-Afyon	5.30	48	PN	Pn	15 55 56.5	+0.9
BCK	Bucak	5.38	54	PN	Pn	15 55 57.5	+0.8
ISP	Isparta	5.54	51	PN	Pn	15 55 59.9	-0.2
ISP	Isparta	5.54	51	P	Pn	15 55 58.6	-0.3
ISP	Isparta	5.54	51	PN	Pn	15 55 58.6	-0.3
GEMZ	Gemlik-Kutahya	5.58	33	PN	Pn	15 55 61.1	+1.5
SIDZ	Sidde	5.75	36	PN	Pn	15 56 03.8	+2.0
AKMS	Akamak	6.00	82	P	Pn	15 56 03.0	-2.0
AKMS	Akamak	6.00	82	S	S	15 57 10.8	-1.7
AKMS	Akamak	6.00	82	AML	AML	15 57 12.2	
AKMS	Akamak	6.00	82	AML	AML	15 57 12.2	
AKMS	Akamak	6.00	82	AML	AML	15 57 19.4	
AKMS							

28d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OZUR, KJUV, MGRS, ZIRJ, etc.

2015 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like SALO, BOB, KRUC, AKH, etc.

1320

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

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

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

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

28d 16h

2015 JAN

1324

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like T58A Grand View Acr, UGL Uglejorsk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PETK Petropavlovsk-Wyandotte Cave, WCI Wyandotte Cave, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CBKS Cedar Bluff, NEW Newport, etc.

ADC 28 16:12:00.1+0.7,8:38S:157.31E,h0km,mb4,0/9,mb1 4.1/10,mb1mx3.9/33,mbtmp4.0/10,ML3.7/1,MS3.0/2,Ms1 3.0/2,ms1mx2.7/35 Error ellipse: s-maj=22.5km s-min=14.0km az=19.0 NEIC 28 16:21:04.7+2.3,8:45S:0.2+157.45E:0.09,h31km,5km,mb4,2/8, Error ellipse: s-maj=22.3km s-min=12.7km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes HNR Honiara.

28d 18h

2015 JAN

1328

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pinedale Array, Topopah Spring, Makanchi Array, Borovoye, etc.

Table with columns: MRZ, Mangatainoka R, 8.67 213, P, Pg, 18 19 52.9 -10, etc. Includes stations like Mangatainoka R, Holdsworth Sta, Te Maipa, etc.

Table with columns: MORW, Alice Springs, 20.28 134, P, Pn, 18 23 59.5, etc. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

IDC 28 18:16:22.1e.1.1, 33:57s:178:88W, h0km, mb4, 3/2, mb1 4.6/5, mb1mx4 1/39, mbtmp4 5/27, ML4 3/2, MS3 7/20, Error ellipse: s-maj=42, l-min=25.4km, az=146.0

NOU 28 18:19:17.9, 10:09S:118:34E, h0km, mb4.7, South of Sumbawa, Indonesia, IDC 28 18:19:18.8, 2.3, 9:77S:118:16E, h35km, 18km, mb4 3/23, Ms1 4.4/27, mb1mx4 2/47, mbtmp4 5/27, ML4 3/4, MS3 7/20, Error ellipse: s-maj=19.1km, s-min=12.9km, az=34.0

STKA 28 18:19:18.0, 3.0, 10:02S:0:05, 118:12E, 0:05, h38km, n167, s198/175, mb4.5/60, MS3 7/18, 2C, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Green Lake, Pakihiroa, Teka Kaha, Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Plampang, Taliwang, Waingapu, Baing Sumba, etc.

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

IDC 28 18:17:15.9, 1.2, 33:14S:178:59W, h0km, mb4, 8/2, mb1 4.9/4, mb1mx4 1/40, mbtmp4 7/4, ML4 3/2, MS3 8/2, Ms1 3.8/2, ms1mx3 1/20, Error ellipse: s-maj=44.0km, s-min=30.7km, az=135.0

WEL 28 18:18:33.2, 1.0, 36:57s:178:0E, 1:11, h154km, 9km, M4.0/13, mb4.6/7, ML4.8/5, MLv4.2/13, Mw(mb)3.8/7, Error ellipse: s-maj=0.0km, s-min=0.0km, az=109.2

ISIC 28 18:17:16.9, 1.2, 33:55S:0:1x178:3W, 0.2, h10km, n53, s236/52, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matakoaka Point, Waioamatatini S, Pakihiroa, Teka Kaha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sidrap Palu, Kotabaru, Tana Toraja, Banjar Baru, etc.

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

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KASHI, SHLS, ZSN, MK31, MKAR, etc.

ISK 28 18:21:47.4, 39:59N-25:96E, h10km, ML2.7/31
ATH 28 18:21:47.9, 39:55N-25:92E, h33km,6km, ML2.3/5, Error ellipse: s-maj=7.0km s-min=1.2km az=186.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KOCA, BOZC, EZN, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GOKA, GADA, LIA, etc.

MOS 28 18:32:19.8, 0.0, 42:51N-45:40E, h19km, MPV4.2
DRS 28 18:32:20.4, 0.0, 42:63N-45:34E, h14km, ML3.0/7

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PNSH, BTLR, KMGV, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LSNR, DIGR, PRTR, etc.

ATH 28 18:46:33.5, 34:29N-25:07E, h10km,3km, ML3.7/8, Error ellipse: s-maj=4.1km s-min=1.8km az=345.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SIVA, GVD, LAST, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

JMA 28 19:49:00.7-0.6, 45.32N-150.14E, h30km, M4.1
SKHL 28 19:49:01.7-0.8, 44.99N-150.15E, h36km, 5km, mb4.5/3
ISC 28 19:49:00.2-4.3, 44.77N-150.4E, 0.2, h35km, n19,
c=205/28, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR 140nm,0.4s, KUR 630nm,0.3s, etc.

IDC 28 19:54:16.5-0.8, 20.42S-172.62E, h0km, mb4.2/10,
mb1.4/4/12, mb1mx4.2/36, mbmp4.2/12, ML3.8/2, MS3.7/16,
Ms1.3/7/16, ms1mx3.6/27, Error ellipse: s-maj=27.3km
s-min=19.1km az=137.0
GCMT 28 19:54:21.7-0.4, 20.48S-172.49E, 0.02, h27km, 1km,
MW4.9/68, Moment Tensor Solution, s19,c21; s68,c94;
Duration: 0 Moment tensor: Scale 10^19Nm; M1: 2.36e, 24;
M2: 0.72e, 15; M3: 1.64e, 13; M4: 0.35e, 26; M5: 1.46e, 07;
M6: 0.63e, 17; Best double couple: M2: 6370.0e, 21;
NP1: 39.300000; 837.000000; -1.86.000000; NP2:
e=214.000000; s=53.000000; -a=93.000000. Principal axes:
T 2.8110, P1g8.0000, Azm306.0000; N -0.3450,
P1g2.0000, Azm216.0000; P -2.4630, P1g82.0000.
Azm108.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

NEIC 28 19:54:22.7-1.1, 20.6S; 0.1x172.55E; 0.09, h38km, 8km,
mb4.8/59 Error ellipse: s-maj=18.0km s-min=10.9km
az=163.0
ISC 28 19:54:22.0-0.5, 20.62S; 0.09x172.50E; 0.07, h35km, n136,
c=85/123, mb4.8/40, MS3.8/16, 3C-ID, Vanuatu Islands
region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OUENC Queen Island, N, MSVF Nonsauv, DZM Mont Dzumac, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCB comp=Z,6.0nm,1.4s, E07A Sunnyside, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Loma Pena Alta, Aguadilla, Mayaguez, Las Mesas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like LASA Array, Red Lodge, Greycliff, Yellowstone No, etc.

Table with columns: CWF, comp, E, mu, m, s, ISC, IAML, Time, Res, ISC. Rows include various station codes and parameters like 22 26 03.9, 22 26 04.2, etc.

Summary text at the bottom of the page, including station identifiers and coordinates: IDC 28 22:20:55.6, 1.3, 45.73N, 106.69W, h0km, mb1 3.3/3, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Saint Sauveur, Saint-Julien-I, Onsal, La Plagne, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like FINES FINESS Array B, ARCES ARCESS Array B, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TUDR TUDR, TUDR TUDR, TUDR TUDR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KIS Kishinev, RAZG Razgrad, and various international stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, and MKAR Makanchi Array.

SOF 28 23:25:39.4, 42.87N-21.03E, h2km, MD3.1
PDG 28 23:25:41.5-0.4, 42.91N-21.00E, h9km, ML2.7/1.3, Error ellipse: s-maj=0.8km s-min=0.8km az=0.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BEV Berane, IVA Iva, and various Balkan stations.

MAN 28 23:53:15.8, 7.40N, 126.90E, h66km, MS3.2
IDC 28 23:53:21.3, 2.4, 7.49N, 126.64E, h83km, 22km, mb3.7/1.3, mb1.3/9.13, mb1mx3.6/3.7, mbtmp4.0/1.3, MS3.3/2, mb1.3/3.2, m1mx2.8/6.7, Error ellipse: s-maj=33.9km s-min=13.9km az=77.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAV Davao City, DDMP Don Marcelino, and various international stations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLUV Kijevo, ARR Arges, and MORH Mrgy, Hungary.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MOVL Moslavina, MLR Muntele Rosu, and various international stations.

MAN 28 23:53:15.8, 7.40N, 126.90E, h66km, MS3.2
IDC 28 23:53:21.3, 2.4, 7.49N, 126.64E, h83km, 22km, mb3.7/1.3, mb1.3/9.13, mb1mx3.6/3.7, mbtmp4.0/1.3, MS3.3/2, mb1.3/3.2, m1mx2.8/6.7, Error ellipse: s-maj=33.9km s-min=13.9km az=77.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAV Davao City, DDMP Don Marcelino, and various international stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Zonda, Cerro Coronel, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Ponte de Pedra, Cerro Castillo, FRTB Futura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: IDC 29.01:15.3.2.8, 5.64S, 147.88E, h158km, 45km, mb3.2/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: IDC 29.01:17.48.9.4, 2.106S, 170.45E, h0km, mb3.5/2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: HEL 29.00:42.24.3.67, 81N-20.09E, h0km, ML 1.7, Explosion, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: KUA Kurravaara, 0.14 21 Op, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: ERTU Torio, 2.39 135 eSB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: UPP 29.00:42.29.7.0, 67.82N-20.22E, h0km, ML2.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: IDC 29.01:23.54.5.2, 8.640S, 128.52E, h196km, 40km, mb2.6/1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: SIJU Sorong, 6.14 27 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: WRA Warrunga Arr, 14.60 158 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes station: SKT Skwentna, 0.18 9 Op, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like GHO, RDT, DFR, NCT, RSO, SKLM, HUR, HUR, RED, KNK, SML, SML, SML, WAT7, WAT7, TRF, TRF, TRF, TRF, KTH, KTH, KTH, WAT2, PWL, IVE, WAT6, WAT6, SEW, SCW, SCW, SCW, MCK, OPT, BPAW, BPAW, DHY, DHY, DHY, TTA, TTA, GLI, GLI, GLI, BWN, BWN, BWN, M24K, M24K, AUL, AUL, FID, FID, FID, KLU, KLU, KLU, HIN, HIN, HIN, HIN, DIV, PS11, NEA2, PAX, EYAK, PS12, WRH, MLY, CCB, N25K, N25K, HDA, HDA, HDA, BMRM, PS08, Q23K, MDM, TCOL, TCOL, TCOL, COLA, COLA, COLA, GOAT, RAGM, RAGM, IL31, ILAR, ILAR, ILAR, RIDG, RIDG, RIDG, RIDG, COLB, GLB, GLB, POKR, MENT, MENT, HMT, HMT, KYTA, KCG, DOT, VRDI, VRDI, VRDI, KBM, KBM.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KDAK, KDAK, KDAK, ANCK, SCRR, MCARA, MCARA, PS06, CRQM, CRQM, CRQM, CRQM, CRQM, KHMT, IM03, IMAR, TGL, TGL, PTPK, KIAG, KIAG, PRP, ISLE, ISLE, ISLE, BC03, BCAR, BARN, BARN, BARN, GRNC, YAH, YAH, CTGM, CTGM, CTGM, LOGN, TABL, TABL, YUK3, YUK3, YUK3, YUK3, RES, RES, RES, ZALV, ZALV, ZALV, MKAR, MKAR.

IDC 29 01:43:23.5:11.0, 19.74S-177.66W, h411km, 131km, mb3.2/4, mb1 3.5/5, mb1mx3.2/2.23, mbt2p4.1/5, Error ellipse: s-maj=49.7km s-min=29.2km az=28.0

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like URZ, ASAR, WRA, WRA, ILAR, ILAR.

IDC 29 02:06:04.7:1.1, 53.66N-35.42W, h0km, mb3.5/7, mb1 3.8/7, mb1mx3.5/3.9, mbt3p3.5/7, MS3.7/11, Ms1 3.8/11, ms1mx3.4/3.6, Error ellipse: s-maj=42.3km s-min=20.8km az=24.0

ISC 29 02:06:07.0:0.9, 53.77N-35.35W, 0.2:16km, n15, a1500.7, mb3.5/7, MS3.8/9, Reykjanes Ridge

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like SFJD, FRB, ESDC, ESDC, NOA, HFS, SADO, SADO, ULM, YKA, YKA, PDAR, TORD, ILAR, DBIC, TXAR, TXAR, NVAR, MKAR, MKAR.

IDC 29 02:14:36.1:9.3, 12.09N-91.96W, h0km, mb3.3/2, mb1 3.9/2, mb1mx3.4/2.2, mbt3p3.4/2, Error ellipse: s-maj=63.0km s-min=62.5km az=68.0

GCG 29 02:14:36.2:0.7, 13.12N-89.97W, h17km, 81km, MD3.8, SNET 29 02:14:37.2:1.1, 13.23N-89.94W, h33km, 2km, ML3.3

ISC 29 02:14:36.0:1.6, 13.16N-89.97W, 0.05:18km, 6km, n29, c0.85/42, El Salvador

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LALI, LALI, LALI, JAYA, JAYA, CEVE, CEVE, SNEJ, SNEJ, RTR, RTR, PMON, PMON.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PMON, CEDA, CEDA, BOOS, BOOS, SNET, QUEZ, LFRS, LFRS, LFU, LFU, TACO, TACO, COEG, COEG, UESV, MTO3, MTO3, MTO3, LLGN, COEB, COEB, COEB, TECA, PCG, PCG, PCG, ESQUI, ESQUI, NBG, FUG, FUG, MRL, MRL, MRL, TXAR, NVAR, WRA.

RSNC 29 02:35:27.3:1.3, 6.74N-73.14W, h141km, 9km, ML1.2, 1D,

Northern Colombia

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like BARC, BARC, BARC, BARC, BRRC, BRRC, BRRC, PAMC, PAMC, PAMC, RUSC, RUSC, RUSC, RUSC, PTBC, PTBC, PTBC, PTBC, SPBC, CHIC, CHIC, CHIC, CHIC.

IDC 29 02:46:53.6:5.1, 35.16N-141.62E, h0km, mb3.8/3, mb1 3.7/5, mb1mx3.4/5.2, mbt3p3.8/5, ML3.0, MS2.6/2, Ms1 3.8/11, ms1mx2.4/4.4, Error ellipse: s-maj=98.9km s-min=66.0km az=94.0

JMA 29 02:46:58.6:0.1, 35.23N-141.23E, h36km, 3km, M3.4, ISC 29 02:46:58.6:1.6, 35.17N-141.3E, 0.1:127km, n21, c117/18, mb3.6/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like BSO1, CHQ1, CHQ1, BSO3, BSO3, JSMT, JSMT, JKUC, JCN, JCN, JYT, JYT, JHT, JHT, MJAR, MJAR, MAT, MAT, KSRM, H1N2, H1N1, H1N1, H1N3, H1N3, H1N3, H1N3, ZALV, MKAR, KURBB.

MOS 29 02:48:52.4:0.7, 1.65N-126.25E, h42km, mb5.2/5.8, Error ellipse: s-maj=9.0km s-min=4.6km az=111.7

BUI 29 02:48:52.6:0.0, 1.25N-126.52E, h72km, mb5.3/4.4, mb4.9/6.8, Ms4.6/2.6, Ms7.4/3.2

NEIC 29 02:48:54.2:1.1, 1.62N-102.72E, h45km, 4km, mb5.1/9.9, Error ellipse: s-maj=11.2km s-min=7.5km az=210.0

KLM 29 02:48:54.1:1.80N-126.66E, h38km, mb5.3, DJA 29 02:48:55.1:0.2, 2.12N-127.6E, h62km, 2km, M4.8/4.9, mb5.1/4.9, mb5.3/2.2, MLV5.0/1.9, Mw(MB)4.7/2.2, Mw(MWP)0.4, Mw(P)3.4

GCMT 29 02:48:56.2:0.2, 1.80N-101.12E, h32km, MW5.1/8.0, Moment Tensor solution. s64.c79; s80.c106;

Duration: 0 Moment tensor: Scale 10^16Nm; Mrr4.33e-19; Mrr-1.45e-12; Mrr-2.88e-14; Mrr-1.79e-17; Mrr-2.52e-09; Mrr-0.31e-18; Best double couple: Mrr4.92100e-10; NP1: 0.1900000, 0.8430000, 1.6100000; NP2: 0.2360000, 0.8530000, 1.1140000; Principal axes: T 4.9770, Plg70.0000, Azm204.0000; N -0.1130, Plg19.0000, Azm41.0000; P -4.8640, Plg5.0000, Azm309.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 02:48:56.3z, 1.8, 1.61N, 126.37E, h58km, 15km, mb4.6/38, mb1.4/742, mb2.1mx3/438, mbtmp4.9/42, MS4.0/19, MS1.4/0.19, ms1mx3/8/41 Error ellipse: s-maj=13.4km s-min=7.3km az=77.0

NOU 29 02:48:57.9, 1.57N, 126.45E, h52km, mb5.1, Northern Molucca Sea

ISC 29 02:48:56.1z, 0.5, 1.64N, 0.03z, 126.40E, 0.04, h60km, 4km, n472, 0.1551/490, mb5.0/159, MS4.0/27, 17C-8D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Az, Az2, Op, Phase ID, Time, Res. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Az, Az2, Op, Phase ID, Time, Res. Lists various seismic stations and their recorded data.

1347

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DMN Daman, YSS Yuzh-Sakhalins, KLR Kul'dur, etc.

2015 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like YAK Yakutsk, TDK Taldyqorghan, AAA Alma-Ata, etc.

29d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MAW Mawson, KIRV Kirov, BELG Belogorovye, etc.

29d 3h

Table with columns: Station Name, Code, Station Name, Az, Az', Op, Time, Res, ISC, h, m, s, ISC. Lists various stations like MNSK, MNK, SORM, etc.

2015 JAN

M=0.08; Fault plane solution: M1.43000x1015 NP1: ... Principal axes: T ...

Main station list table with columns: Code, Station Name, Az, Az', Op, Time, Res, ISC, h, m, s, ISC. Lists stations like DRZ, WHW, FWW, etc.

1348

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, Res, ISC. Lists stations like OHR, PPH, PPH, etc.

ATH 29 03:15:53.9, 41.32N-20.76E, h10km, 5km, ML2.7/9, Error ellipse: s-maj=5.1km s-min=2.0km az=294.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKY Nkisc, SRS Serrai, SJSJ Sjenica, etc.

NEIC 29 03:33:26.9-0.7, 37.08N-0.02-97.63W, 0.02, h5km, 2km, mb_Lg3.1/50, Error ellipse: s-maj=3.9km s-min=3.0km az=32.0

ANF 29 03:33:27.2-0.3, 37.08N-97.63W, h0km, ML3.9/8, Error ellipse: s-maj=4.1km s-min=3.7km az=78.0

ISC 29 03:33:27.1-1.0, 37.09N-0.02-97.64W, 0.02, h6km, 8km, n66, e051/62, Kansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN01 Argonia South, KAN02 Liberty Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X37A Clayton, S39A Bolivar, N33A J Bar K, etc.

BUI 29 03:49:31.8-0.0, 18.85S-173.98W, h16km, mb5.7/35, mb5.2/45, Ms5.3/21, Ms7.4/9/23

MOS 29 03:49:33.3-1.1, 19.20S-174.26W, h30km, mb5.4/48, Error ellipse: s-maj=9.5km s-min=7.9km az=53.6

IDC 29 03:49:34.2-4.3, 19.17S-174.32W, h21km, mb5.1/28, mb1.5/228, mb1mx5.2/29, mbtmp5.2/28, MS4.7/36, Ms1.4/736, ms1mx4.6/42, Error ellipse: s-maj=13.9km s-min=12.1km az=144.0

NEIC 29 03:49:35.2, 19.29S-174.16W, h43km, Moment Tensor Solution, Moment tensor: Scale 1017Nm; Mr:2.13; Mw:0.26; Mw:1.87; Mw:0.13; Mw:0.31; Mw:1.91; Fault plane solution: Ms2.800000;1017 NP1:0.181,040000, 0.66760000, 1.83310000, NP2:0.17590000, 0.824130000, 1.105170000, Principal axes: T 2.9187, Plg68.0000, Azm79.0000; N -0.2575, Plg6.0000, Azm184.0000; P -2.6612, Plg21.0000, Azm276.0000;

NEIC 29 03:49:35.2, 19.29S-174.16W, h43km, 4km, mb5.2/386, Ms 20.5/1147, Mw5.6/46, Mw5.5/GCMT) Error ellipse: s-maj=11.4km s-min=9.7km az=99.0

NEIC 29 03:49:40.19, 18S-173.79W, h59km, Moment Tensor Solution, Moment tensor: Scale 1017Nm; Mr:1.0; Mw:0.62; Mw:1.72; Mw:0.21; Mw:0.25; Mw:1.32; Fault plane solution: Ms2.030000;1017 NP1:0.359,00000, 0.524,00000, 1.98,00000, NP2:0.171,00000, 0.67,00000, 1.87,00000, Azm74.0000; N 0.6412, Plg3.0000, Azm172.0000; P -2.2739, Plg22.0000, Azm263.0000;

NOU 29 03:49:40.1, 19.09S-173.63W, h116km, mb5.4, Tonga Islands GCMT 29 03:49:41.2, 0.1, 19.18S-0.01, 173.79W, 0.01, h58km, MW5.5/144, Moment Tensor Solution, s132,c244; s144,c267; Duration: 1N3 Moment tensor: Scale 1017 Nm; Mr:1.12; Mw:0.45; Mw:1.57; Mw:0.22; Mw:0.22; Mw:0.22; Mw:1.33; Mw:1.02; Best double couple: Ms1.914000;1017 NP1:0.359,00000, 0.823,00000, 1.98,00000, NP2:0.171,00000, 0.67,00000, 1.87,00000, Principal axes: T 1.6790, Plg67.0000, Azm75.0000; N 0.4740, Plg3.0000, Azm172.0000; P -2.1490, Plg22.0000, Azm263.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 29 03:49:47.9-0.0, 14.18S-172.74W, h33km, ISC 29 03:49:54.3-0.5, 18.84S-174.15W, 0.04, h30km, 2km, h30km; P: n65, 18.84S, 174.15W, 0.04, h30km, 2km, 133C-68D, Fault plane solution: NP1:0.175,91467, 0.840,2123, 1.83,54325, NP2:0.34788, 0.850,06564, 1.95,43642, Principal axes: T Plg83.5424, Azm310.9073; N Plg4.1660, Azm180.8520; P Plg4.9254, Azm90.4924; Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X37A Clayton, S39A Bolivar, N33A J Bar K, etc.

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

29d 3h

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Cannon Point, Tiarei, Taravao, etc.

2015 JAN

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Warramunga Arr, Alice Springs, Warramunga Arr, etc.

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Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Sapulut, Tenabayahashi, Yuzh-Kurilsk, etc.

WDC	comp-Z,8.0nm,1.0s	76.51	38	P	P	04 01 20.6	-1.0
YSS	Whiskeytown Da	76.55	331	eP		04 01 22.1	+0.5
YSS	Yuzh-Sakhalins					04 11 03.8	
KBO	comp-Z,40nm,1.3s	76.63	36	P	Pmax	04 01 21.2	-1.2
KBO	Bosley Butte			Iamb		04 01 21.4	
BELC	comp-Z,19nm,1.1s	76.66	46	P	P	04 01 23.7	+0.9
N02D	Belle Mtn. Jos	76.67	37	P	P	04 01 24.0	+1.4
CWC	baz=229,SNR=28	76.68	43	P	P	04 01 24.1	+1.2
LEM	Cottonwood Cre	76.69	267	LR	LR	04 04 34.1	
O03E	baz=229,SNR=26	76.75	38	P	P	04 01 23.8	+0.6
MDPB	Paynes Creek	76.76	42	P	P	04 01 22.2	-1.3
MDPB	Devils Postpil			Iamb	Iamb	04 01 26.0	
MDPB	comp-Z,40nm,1.1s			IAMs_20	IAMs_20	04 27 56.5	
OMMB	comp-Z,960nm,19.0s	76.80	42	P	P	04 01 22.2	-1.5
BC3	Old Mammoth Mi	76.84	47	P	P	04 01 24.8	+1.0
MPMC	Big Chuckwall	76.84	44	P	P	04 01 25.2	+1.3
G02C	Manual Prospec	76.86	37	P	P	04 01 25.2	+1.6
MSC	Callahan	76.86	45	P	P	04 01 23.4	-0.4
GSC	baz=229,SNR=36	76.86	45	P	Pmax	04 01 23.4	-0.4
GSC	Goldstone, Bar	76.86	45	P	P	04 01 24.8	+1.0
GSC	Goldstone, Bar	76.86	45	P	P	04 01 23.4	-0.4
KSM	comp-Z,832nm,20.0s	76.86	276	P	P	04 01 24.0	-0.2
HEC	Kuching	76.90	46	P	P	04 01 24.8	+0.7
MLAC	Hector Ludlow	76.91	42	P	P	04 01 25.8	+1.6
L02E	Mammoth, Mammo	76.94	36	P	P	04 01 25.6	+1.6
GLA	baz=233,SNR=12	76.94	48	P	Pmax	04 01 23.0	-1.3
GLA	Cave Junction	76.94	48	P	Pmax	04 01 25.7	+1.4
GLA	Glamis	76.94	48	P	P	04 01 23.0	-1.3
TIN	comp-Z,16nm,1.1s	76.94	48	P	P	04 01 25.6	+1.3
KEBM	Glamis	76.95	43	P	P	04 01 25.3	-1.3
WAKR	Tinemaha, Big	77.01	35	P	P	04 01 23.6	-1.5
WAKR	Edson Butte	77.06	41	P	Iamb	04 01 39.2	
WAKR	Walker			IAMs_20	IAMs_20	04 27 25.5	
PIX	comp-Z,19nm,1.1s	77.11	50	P	P	04 01 23.9	-1.2
YBH	Pinacate	77.16	37	P	Pmax	04 01 25.1	-0.3
YBH	Yreka Blue Hor	77.16	37	P	P	04 01 25.1	-0.3
K02D	comp-Z,14nm,1.1s	77.26	36	P	P	04 01 27.3	+1.4
PNTR	Willamette Mer	77.32	41	P	P	04 01 26.1	-0.4
PNTR	Pine Nut			IAMs_20	IAMs_20	04 27 45.3	
GMRC	comp-Z,1um,21.0s	77.34	46	P	P	04 01 27.6	+1.0
IRM	Granite Mount	77.34	47	P	P	04 01 27.7	+1.2
BEKR	baz=236,SNR=19	77.34	40	P	P	04 01 26.2	-0.3
VCNR	Iron Mountain	77.42	40	P	P	04 01 25.7	-1.3
VCNR	Beckworth			IAMs_20	IAMs_20	04 28 08.0	
VCNR	comp-Z,696nm,20.0s	77.42	40	P	P	04 01 45.0	
J01E	Virginia City	77.43	35	P	P	04 01 28.0	+1.3
GRAC	Myrtle Point	77.47	43	P	P	04 01 28.5	+1.3
FURC	baz=228,SNR=5.9	77.49	44	P	P	04 01 28.1	+1.0
LHV	Grapevine Rang	77.49	42	P	P	04 01 26.0	-1.1
LHV	Furnace Creek	77.49	42	P	Iamb	04 01 33.8	
H13A	Little Huntoon	77.54	49	P	P	04 01 26.3	-1.2
SHOC	comp-Z,1um,21.0s	77.55	45	P	P	04 01 28.7	+1.1
HUMO	Mohawk Valley	77.59	36	P	P	04 01 27.6	-0.1
HSIG	Shoshone Teco	77.64	53	P	P	04 01 28.0	-0.2
M04C	baz=230,SNR=26	77.69	37	P	P	04 01 29.3	+1.2
L04D	Macdoel Falls	77.71	37	P	P	04 01 29.3	+0.8
RYN	comp-Z,46nm,1.2s	77.71	41	P	P	04 01 27.3	-1.3
NVAR	Ryan			IAMs_20	IAMs_20	04 26 37.6	
NVAR	comp-Z,989nm,22.0s	77.73	42	P	P	04 01 29.7	+0.9
NVAR	Mina Array Bea	77.73	42	P	LR	04 29 32.6	
NVAR	comp-Z,701nm,19.5s, baz=232,slow=31	77.73	42	P	P	04 01 28.4	-0.3
214A	Mina Array Bea	77.78	50	P	P	04 01 30.3	+1.3
214A	Organ Pipe Nat	77.78	50	P	P	04 01 27.8	-1.2
NV11	comp-Z,783nm,19.0s	77.82	42	P	P	04 01 27.9	-1.3
NV11	Mina Array Sit			Iamb	Iamb	04 01 33.6	
PAHR	comp-Z,35nm,1.1s	77.83	40	P	P	04 01 29.8	-1.4
NEE2	comp-Z,1um,20.0s	77.83	40	P	P	04 01 28.0	-1.2
I03D	Pah Rah Range	78.04	46	P	P	04 01 31.3	+1.0
I02D	Needles Airpor	78.10	35	P	P	04 01 31.4	+1.0
PDMCI	baz=228,SNR=11	78.10	35	P	P	04 01 31.6	+1.2
TPNV	Swissmoe	78.11	47	P	P	04 01 31.9	+1.2
TPNV	Parker Dam, Lak	78.17	44	P	Pmax	04 01 29.8	-1.4
TPNV	Topopah Spring	78.17	44	P	P	04 01 32.3	+1.0
TPNV	comp-Z,15nm,0.8s	78.17	44	P	Iamb	04 01 39.1	
TPNV	Topopah Spring			IAMs_20	IAMs_20	04 28 43.1	
TPH	comp-Z,822nm,20.0s	78.20	43	P	P	04 01 30.1	-1.3
K04D	TPH	78.20	43	P	Pmax	04 01 30.1	-1.3
K04D	comp-Z,61nm,0.9s	78.20	43	P	P	04 01 30.1	-1.3
J04D	Chiloquin, OR	78.28	37	P	P	04 01 32.3	+0.7
KSRS	baz=230	78.48	36	P	P	04 01 33.8	+1.0
KSRS	Umpqua Nationa	78.48	317	P	P	04 01 33.8	+1.1
KSRS	comp-Z,8.2nm,0.8s, baz=133,slow=5.8, SNR=26	78.48	317	P	LR	04 01 12.5	
SHPR	comp-Z,267nm,19.5s, baz=130,slow=32	78.64	45	P	P	04 01 33.5	-0.4
MOD	Sheep Range	78.65	38	P	P	04 01 32.4	-1.4
I04A	Modoc Plateau	78.65	38	P	P	04 01 34.2	+0.5
COR	Tendick Farm,	78.71	34	P	P	04 01 33.9	+0.1
COR	Corvallis			Pmax	Pmax	04 01 33.9	+0.1
COR	comp-Z,14nm,1.0s	78.71	34	P	P	04 01 33.9	+0.1
W13A	Summit Lake	78.72	47	P	P	04 01 33.9	-0.5
K05A	Hualapai Mount	78.83	37	P	P	04 01 34.7	+0.1
H04D	Lebanon	78.98	35	P	P	04 01 36.6	+1.3

J05D	baz=229,SNR=11	79.00	36	P	P	04 01 36.5	+0.9
G03D	Fort Rock, OR	79.15	34	P	P	04 01 37.3	+1.1
PRN	Mclinnville, O	79.22	44	Iamb	Iamb	04 01 41.1	
R11A	comp-Z,27nm,1.1s	79.41	43	P	P	04 01 38.7	+0.7
TUC	Pachino Range	79.44	50	P	Pmax	04 01 38.1	-0.1
TUC	Troy Canyon, C	79.44	50	P	P	04 01 39.9	+1.7
TUC	baz=235,SNR=38	79.44	50	P	P	04 01 38.1	-0.1
TUC	comp-Z,15nm,1.0s	79.44	50	P	P	04 01 38.1	-0.1
I05D	Tucson	79.44	50	P	P	04 01 38.1	-0.1
F04D	Tucson	79.44	50	P	P	04 01 39.8	+1.0
E03A	Tucson	79.61	36	P	P	04 01 41.1	+1.1
WVOR	Rainier, OR	79.89	33	Iamb	Iamb	04 01 58.9	
X16A	Lebam	79.95	38	IAMs_20	IAMs_20	04 29 53.8	
X16A	Wild Horse Val	80.06	48	Iamb	Iamb	04 02 01.0	
X16A	Lo Mia Camp, P			IAMs_20	IAMs_20	04 29 04.2	
319A	comp-Z,873nm,20.0s	80.07	52	Iamb	Iamb	04 02 01.8	
USAOB	comp-Z,32nm,1.1s	80.11	324	iP	P	04 01 41.1	-0.3
USAOB	Ussuriysk Arra	80.11	324	IAMs_20	IAMs_20	04 35 41.9	
USRK	Ussuriysk Arra	80.11	324	P	P	04 01 42.9	+1.5
USRK	comp-Z,4.3nm,0.7s, baz=62,slow=4.5, SNR=9.1	80.11	324	LR	LR	04 34 47.3	
USRK	comp-Z,489nm,18.5s, baz=123,slow=34	80.11	324	P	P	04 01 41.5	+0.2
G05D	Ussuriysk Arra	80.21	35	P	P	04 01 43.0	+1.0
BELA	Wamic, OR	80.22	172	P	P	04 01 42.5	+0.9
E04D	Belgrano 2	80.22	172	P	P	04 01 44.3	+1.3
F05D	comp-Z,29nm,1.1s	80.41	33	P	P	04 01 44.8	+1.0
PMBI	White Salmon	80.55	34	P	P	04 01 44.8	+1.0
WUAZ	Palemang	80.62	270	IAMs_20	IAMs_20	04 37 09.3	
WUAZ	comp-Z,161nm,22.0s	80.68	47	P	P	04 01 46.6	+1.7
WUAZ	Wupatki	80.68	47	Iamb	Iamb	04 01 49.5	
D04E	comp-Z,25nm,1.1s	80.72	33	P	P	04 01 46.3	+1.7
HPIG	Lakebay	80.75	57	Iamb	Iamb	04 01 48.4	
D03D	comp-Z,20nm,0.8s	80.79	32	P	P	04 01 46.4	+1.4
BRLK	Eldon	81.08	12	Iamb	Iamb	04 01 51.7	+0.0
D05A	Bradley Lake	81.12	33	Iamb	Iamb	04 02 00.8	
X18A	Enumclaw	81.17	49	Iamb	Iamb	04 01 51.6	
X18A	comp-Z,40nm,1.2s	81.17	49	Iamb	Iamb	04 01 51.6	
G08A	Snowflake	81.53	36	Iamb	Iamb	04 02 08.1	
W18A	comp-Z,705nm,21.0s	81.62	48	P	P	04 01 51.6	+1.6
MDJ	Pilot Rock	81.71	323	P	Pmax	04 01 50.8	+0.9
MDJ	Petrified For			Pmax	Pmax	04 01 50.8	+0.9
MDJ	Mudanjiang			Pmax	Pmax	04 01 50.8	+0.9
MDJ	comp-Z,150nm,3.0s	81.71	323	IAMs_20	IAMs_20	04 36 06.4	
121A	Mudanjiang	81.75	51	P	P	04 01 52.4	+1.7
121A	Cookes Peak, D	81.75	51	Iamb	Iamb	04 01 57.8	
A04D	Cookes Peak, D	81.77	32	P	P	04 01 51.2	+1.1
B05A	Lummi Island	81.78	32	P	P	04 01 51.1	+0.9
CAPN	Bryan	81.96	11	P	P	04 01 51.7	+0.9
NJ2	Captain Cook N	81.98	308	eP	P	04 01 52.0	+0.4
C06D	Nanjing	82.16	33	P	P	04 01 52.9	+0.6
GRNR	Leavenworth	82.20	331	iP	Pmax	04 01 53.2	+0.8
E08A	comp-Z,7.0nm,1.0s	82.22	35	Iamb	Iamb	04 01 57.6	
DUG	Dider Farm, El	82.22	43	P	P	04 01 53.8	+0.9
B06A	Dugway, Tooele	82.25	32	Iamb	Iamb	04 01 56.5	
RC01	Marblemount	82.52	12	P	P	04 01 53.7	-0.2
SUA	comp-Z,16nm,1.0s	82.68	11	Iamb	Iamb	04 01 55.6	
E09A	Susitna One	82.73	35	Iamb	Iamb	04 02 00.3	
GAMB	Wood Farm, Sta	82.86	1	Iamb	Iamb	04 01 57.8	
F10A	comp-Z,20nm,1.0s	82.86	1	Iamb	Iamb	04 01 59.9	
SKT	Gambell	83.02	11	Iamb	Iamb	04 01 56.1	
KNK	Beach Ranch, E	83.07	12	Iamb	Iamb	04 02 00.1	
PMR	Skeweta	83.10	12	Iamb	Iamb	04 02 14.9	
Y22D	Knik Glacier	83.12	50	P	P	04 01 59.9	+2.2
MNTX	comp-Z,23nm,0.7s	83.15	53	P	P	04 01 59.2	+1.4
MNTX	Corudas Mount	83.15	53	Iamb	Iamb	04 02 03.8	
TTA	baz=242,SNR=17	83.23	8	Iamb	Iamb	04 01 58.9	
GHO	Tatolina	83.31	12	Iamb	Iamb	04 01 58.6	
GHO	comp-Z,19nm,0.8s	83.31	12	Iamb	Iamb	04 01 58.6	
TX31	Gory Hole Cre	83.40	56	Iamb	Iamb	04 02 20.3	
TXAR	comp-Z,643nm,18.0s	83.40	56	P	LR	04 02 01.4	+2.1
TXAR	Lajas Ar, Si	83.40	56	P	P	04 01 58.8	-0.4
DL2	comp-Z,24nm,1.0s	83.42	315	P	P	04 02 02.5	+3.5
DL2	Dalian	83.42	315	P	S	04 12 17.3	-1.1
DL2	comp-Z,25nm,1.4s	83.43	315	P	Pmax	04 12 24.0	+0.1
DL2	comp-Z,380nm,5.1s			Pmax	Pmax		
DL2	comp-Z,440nm,15.2s			LR	LR		
DL2	comp-Z,260nm,12.7s			LR	LR		
DL2	comp-Z,450nm,26						

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

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29d 4h

TWC	baz=306	eS	Sb	04 18 03.0	-2.0	
ETLH	Xiulin Townshi baz=276	0.88 282	eP	Pb	04 17 56.3	-0.2
ETLH	Shilin baz=276	0.93 257	eP	Pn	04 17 56.8	-0.4
ESL	Neicheng baz=311	0.98 315	P	Pn	04 17 57.9	+0.1
TWE	Toucheng baz=323	0.99 327	P	Pn	04 17 58.1	+0.1
NTC	Nicoudou baz=303	0.99 308	iP	Pn	04 17 58.1	+0.1
ENTT	Datong Townshi baz=289	1.01 305	P	Pb	04 17 59.0	+0.3
NDT	Datong baz=288	1.03 293	P	Pn	04 17 58.9	+0.2
NNSB	Datong baz=288	1.03 293	P	Pn	04 17 58.9	+0.2
NNSB	Datong baz=278	1.03 293	eP	Pn	04 17 58.9	+0.3
NNSH	Nan Shan baz=289	1.04 294	eP	Pb	04 17 59.4	+0.1
NNS	Ruisui baz=235	1.06 240	eS	Pn	04 17 59.0	+0.1
HGSD	Hehuan Shan baz=261	1.07 277	P	Sn	04 17 59.1	-0.4
WHF	Shuangxi baz=320	1.09 330	P	Pb	04 17 59.9	-0.1
TIPB	Middelt baz=320	1.10 321	S	Sn	04 18 00.1	+0.4
FUSS	MACI baz=277	1.10 282	P	Pn	04 18 00.1	+0.4
FUSS	Pfui baz=277	1.10 282	S	Sn	04 18 00.1	+0.4
NWLTL	Wulai baz=307	1.13 312	P	Pb	04 18 01.0	+0.4
NWLTL	Hungye baz=296	1.13 243	eP	Pn	04 18 00.2	+0.2
EHY	Renai baz=238	1.14 272	P	Pn	04 18 00.3	0.0
CHGB	MARTE baz=257	1.15 304	P	Pn	04 18 00.7	+0.4
YHNB	Yeheng baz=268	1.16 282	eP	Pn	04 18 00.0	-0.5
TWT	Tachien baz=266	1.17 304	eP	Pb	04 18 02.1	+0.7
NSK	Sanguang baz=286	1.17 304	eP	Pb	04 18 02.1	+0.7
NSK	Techi baz=286	1.18 281	eP	Pn	04 17 59.4	-1.4
TDCB	Wu-fen Shan baz=328	1.20 331	eS	Sb	04 18 16.6	-0.3
WFBS	Wu-fen Shan baz=328	1.20 331	eS	Sb	04 18 16.5	-0.3
VWDT	Yuli baz=253	1.21 239	eP	Pn	04 18 00.9	-0.1
YULB	Yuli baz=250	1.21 239	eP	Pn	04 18 00.9	-0.1
EYUL	Yuli baz=222	1.22 237	eP	Pn	04 18 01.3	+0.2
EYUL	Yuli baz=222	1.23 237	eP	Pn	04 18 01.5	+0.2
TWF1	Yuli baz=222	1.23 237	eP	Pn	04 18 01.5	+0.2
TWF1	Yuli baz=222	1.23 237	eS	Sn	04 18 01.7	-0.4
IRIF	Iriomote-Funau baz=330	1.23 75	P	Pb	04 18 02.2	-0.2
NHHD	Xindian Distri baz=330	1.24 319	eS	Sb	04 18 18.2	0.0
HATJ	Hateruma jima baz=314	1.26 88	eS	Sb	04 18 19.6	+0.8
TATO	Taipai baz=228	1.27 318	eS	Sb	04 18 19.2	+0.1
FULB	Full baz=228	1.32 232	eP	Pn	04 18 01.9	-0.7
FULB	Full baz=228	1.32 232	eS	Sb	04 18 20.7	+0.2
YM01	YM01 baz=322	1.36 325	eP	Pn	04 18 03.4	+0.2
YM01	YM01 baz=322	1.36 325	eS	Sn	04 18 19.9	-0.4
SSLB	Suanguang baz=256	1.37 260	eP	Pn	04 18 03.0	-0.2
SSLB	Suanguang baz=256	1.37 260	eS	Sn	04 18 21.2	+0.8
WHP	Taichung City baz=267	1.37 281	eP	Pb	04 18 04.7	-0.2
WHP	YM04 baz=336	1.39 324	eP	Pn	04 18 03.7	+0.2
YM04	YM04 baz=336	1.39 324	eS	Sn	04 18 20.6	-0.3
SMLT	Sun Moon Lake baz=260	1.40 265	eP	Pn	04 18 04.5	+0.7
LIOB	Emei baz=292	1.43 296	eP	Pb	04 18 05.5	-0.2
LIOB	Emei baz=292	1.43 296	eS	Sb	04 18 23.9	+0.4
NSTT	Nanjung baz=291	1.43 296	eP	Pn	04 18 23.6	0.0
TYC	Yuchr baz=261	1.44 266	eP	Sb	04 18 05.2	+1.0
TYC	Yuchr baz=261	1.44 266	eS	Sb	04 18 23.4	-0.4
JKRS	Kuro-shima baz=213	1.46 81	P	Pb	04 18 05.9	-0.4
JKRS	Kuro-shima baz=213	1.47 225	eP	Pn	04 18 24.6	+0.1
EDH	Donghe baz=213	1.47 225	eS	Pn	04 18 04.7	+0.2
EDH	Donghe baz=213	1.47 225	eS	Pn	04 18 21.5	-1.4
WNT	Mingjian baz=261	1.60 265	eS	Sb	04 18 29.4	+0.7
JJU	Ishigaki jima baz=243	1.60 78	P	Pb	04 18 07.7	-1.0
CHNS	Tsauling baz=243	1.66 255	eP	Pn	04 18 08.6	+1.4
CHNS	Tsauling baz=243	1.66 255	eS	Sb	04 18 30.4	+0.2
TWGBT	Beinan baz=235	1.72 226	eP	Pn	04 18 08.2	+0.1
TWGBT	Beinan baz=235	1.72 226	eS	Sn	04 18 29.3	+0.1
STYT	Tauyuan baz=235	1.75 241	P	Pn	04 18 09.9	+1.3
TPUB	Ta-pu baz=243	1.80 247	P	Pb	04 18 11.3	-0.7
TPUB	Ta-pu baz=243	1.80 247	eS	Sb	04 18 34.4	+0.2
CHN4	Tsaushan baz=245	1.81 249	P	Pb	04 18 12.3	+0.1
CHN4	Tsaushan baz=245	1.81 249	eS	Sb	04 18 34.8	+0.4
JISG	Ishigakijimah baz=242	1.81 72	P	Pn	04 18 10.0	+0.8
JISG	Ishigakijimah baz=242	1.83 245	P	Pb	04 18 32.2	+0.9
WTP	Ta-pu baz=242	1.83 245	P	Pb	04 18 11.5	-1.2
WTP	Ta-pu baz=242	1.83 245	eS	Sb	04 18 36.0	+0.8

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SLGT	Liugui baz=227	1.93 238	eP	Pb	04 18 13.1	-1.2
SLGT	Hsinying baz=244	1.93 247	eP	Pb	04 18 13.4	-0.9
TWK	Majia baz=224	2.10 232	eP	Pb	04 18 15.9	-1.3
TSMG	Majia baz=224	2.10 232	eS	Pn	04 18 15.9	-1.3
TSMG	Majia baz=224	2.10 232	eS	Pn	04 18 15.9	-1.3
EAST	Anshuo baz=219	2.19 222	eP	Pn	04 18 15.3	+0.8
PHUB	Peng-hu baz=270	2.66 260	eS	Pn	04 18 52.5	+0.1
VWUC	VWUC baz=296	2.88 290	eP	Pn	04 18 23.9	0.0
PTMZ	Houxiangcun baz=286	3.17 289	eP	Pn	04 18 28.4	+0.3
NEIC 29 04:29:07.4,0.9,30:30N,0:08.9:64W,0:06,h16km,6km, mb4.1/8, Error ellipse: s-maj=11.9km s-min=5.9km az=154.0						
INMG 29 04:29:08.3,2.2,30:32N,10:31W,h31km,ML3.3, Error ellipse: s-maj=23.4km s-min=14.0km az=91.0						
IGIL 29 04:29:09.5,38.5:62.17.8E:3.3,h67km,40km, M2.4/8, ML2,4/7,ML2,4/8, Error ellipse: s-maj=0.1km az=91.0						
CNRM 29 04:29:11.8,30:51N:9:73W,h30km,m14.3, Hypocentre not reviewed by the ISC						
ISC 29 04:29:07.7,0.8,30:51N,0:06:9.74W,0:07,h10km,n55, c:256/81,mb4.4/6,Morocco						
Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC	
EAH	EAH	1.14 6	P	04 29 32.5		
AVE	Averroes	3.41 35	eP	04 30 05.7	+4.8	
ZGR	Zagora	3.58 95	P	04 30 05.0		
ZRR	Zazzarine	3.60 85	P	04 30 05.0		
RTC	Rabat Centre	4.24 34	Pn	04 30 12.3	-0.1	
IFR	Ifrane	4.93 51	eP	04 30 23.3	+1.3	
IFR	Ifrane	4.93 51	eS	04 31 35.8	+2.1	
MDT	Middelt	4.94 51	P	04 30 22.4		
MACI	Morro de la Ar	6.32 251	Pn	04 30 49.3	-0.9	
MACI	Morro de la Ar	6.32 251	Sn	04 31 52.3	-1.3	
Pfui	Vila Bisbo	6.65 6	ePn	04 30 47.6	+2.1	
Pfui	Vila Bisbo	6.65 6	eS	04 31 59.5	-1.8	
Pfui	Vila Bisbo	6.65 6	A	04 32 39.1		
Pfui	Vila Bisbo	6.65 6	Pn	04 30 47.2	+1.7	
Pfui	Vila Bisbo	6.65 6	Sn	04 32 04.0	+2.7	
Pfui	Vila Bisbo	6.65 6	P	04 30 47.7		
PMOZ	Porto Moniz, M	6.77 292	Pn	04 30 48.6	+1.4	
MORF	Marlete	6.84 7	eP	04 30 55.0	+1.9	
MORF	Marlete	6.84 7	eS	04 32 03.5	-2.6	
MORF	Marlete	6.84 7	AML	04 32 08.4		
MORF	Marlete	6.84 7	ePn	04 30 50.1	+1.9	
MORF	Marlete	6.84 7	eS	04 32 03.9	-2.2	
MORF	Marlete	6.84 7	A	04 32 10.7		
PBDV	Barranco-do-Ve	6.88 12	ePn	04 30 50.9	+2.2	
PBDV	Barranco-do-Ve	6.88 12	eS	04 32 04.8	-2.3	
PBDV	Barranco-do-Ve	6.88 12	A	04 32 06.3		
PTEO	Sao Teotonio	7.07 7	ePn	04 30 53.1	+1.9	
PTEO	Sao Teotonio	7.07 7	eS	04 32 09.9	-1.7	
PTEO	Sao Teotonio	7.07 7	A	04 32 14.8		
PVAQ	Vaqueiros	7.08 13	ePn	04 30 53.4	+2.1	
PVAQ	Vaqueiros	7.08 13	eS	04 32 09.4	-2.5	
PVAQ	Vaqueiros	7.08 13	A	04 32 17.1		
PVAQ	Vaqueiros	7.08 13	P	04 30 53.0	+1.7	
PCVE	Castro Verde	7.24 11	ePn	04 30 55.9	+2.3	
PCVE	Castro Verde	7.24 11	eS	04 32 13.3	-2.6	
PCVE	Castro Verde	7.24 11	A	04 32 22.5		
MESJ	Messejana	7.42 9	eP	04 30 57.8	+1.7	
MESJ	Messejana	7.42 9	eS	04 32 16.8	-3.4	
MESJ	Messejana	7.42 9	AML	04 32 21.3		
MESJ	Messejana	7.42 9	ePn	04 30 58.3	+2.3	
MESJ	Messejana	7.42 9	eS	04 31 17.2	-3.0	
MESJ	Messejana	7.42 9	A	04 32 40.5		
PNCL	Nicolau / Gran	7.65 7	ePn	04 31 01.8	+2.6	
PNCL	Nicolau / Gran	7.65 7	eS	04 32 24.5	-1.4	
PNCL	Nicolau / Gran	7.65 7	A	04 32 27.5		
PBEJ	Beja	7.66 11	ePn	04 31 01.4	+2.1	
PBEJ	Beja	7.66 11	eS	04 32 23.3	-2.8	
PBEJ	Beja	7.66 11	A	04 32 29.4		
PBAR	Barrancos	7.96 16	ePn	04 31 06.0	+2.5	
PBAR	Barrancos	7.96 16	eS	04 32 31.8	-1.9	
PBAR	Barrancos	7.96 16	A	04 32 56.6		
EVO	Evora	8.13 10	ePn	04 31 08.4	+2.6	
EVO	Evora	8.13 10	eS	04 32 34.0	-3.7	
HORN	Hornachuelos	8.20 26	P	04 31 08.7		
PMAFR	Mafrá	8.44 2	ePn	04 31 12.5	+2.5	
PMAFR	Mafrá	8.44 2	eS	04 32 44.3	-0.9	
PESTR	Estremoz	8.52 11	ePn	04 31 13.5	+2.9	
PESTR	Estremoz	8.52 11	eS	04 32 45.4	-0.8	
PESTR	Estremoz	8.52 11	Pn	04 31 13.1	+1.9	
PESTR	Estremoz	8.52 11	P	04 31 13.2		
PMTG	Montargil	8.63 8	ePn	04 31 14.3	+1.7	
PMTG	Montargil	8.63 8	eS	04 32 47.7	-2.3	
PSBE	So Bento	9.02 5	ePn	04 31 20.0	+2.0	
PSBE	So Bento	9.02 5	eS	04 32 56.9	-2.7	
PMRV	Marv??o	9.10 12	ePn	04 31 21.1	+1.9	
PMRV	Marv??o	9.10 12	eS	04 32 57.7	-4.0	
PCBR	Castelo Branco	9.49 11	ePn	04 31 26.6	+2.2	
PCBR	Castelo Branco	9.49 11	eS	04 33 06.2	-3.0	
PCAS	Casimil, Conde	9.58 6	ePn	04 31 28.5	+2.7	
PCAS	Casimil, Conde	9.58 6	eS	04 33 12.1	-1.2	
COI	Coimbra	9.74 6	ePn	04 31 30.4	+2.6	
COI	Coimbra	9.74 6	Pn	04 31 30.1	+2.3	
MTE	Manteigas	10.03 10	ePn	04 31 34.3	+2.4	
MTE	Manteigas	10.03 10	eS	04 32 21.6	-2.9	
PAB	San Pablo	10.04 25	Pn	04 31 33.4	+1.4	
ESDC	Sonseca Array	10.29 26	Pn	04 31 35.7	+0.2	
ESDB	Sonseca Array	10.29 26	Pn	04 31 36.4	+0.9	
PVIS	Viseu	10.29 8	ePn	04 31 38.8	+3.3	
PVIS	Viseu	10.29 8	eS	04 33 22.5	-1.6	
PTO	Porto	10.65 5	ePn	04 31 41.7	+1.5	
MVO	Moncorvo	10.86 11	ePn	04 31 45.5	+2.3	
MVO	Moncorvo	10.86 11	eS	04 33 40.4	-4.4	
PVRL	Vila Real	10.87 8	ePn	04 31 45.8	+2.5	
POLO	Lamas de Olo	10.96 8	ePn	04 31 47.6	+3.0	
POLO	Lamas de Olo	10.96 8	Pn	04 32 42.0	-2.7	
PGAV	Gavieira, Arro	11.49 5	ePn	04 31 54.7	+2.7	
TAM	Tamanarset	15.65 116	Pn	04 32 45.4	-3.1	
KOWA	Kowa	16.78 160	Pn	04 32 57.5	-5.5	
KOWA	Kowa	16.78 160	Iamb	04 33 07.0		
TOAO	Torodi Ar. Sit	20.25 146	P	04 33 40.2	-3.0	
TOAO	Torodi Ar. Sit	20.25 146	Iamb	04 33 47.6		
TORD	Torodi Ar. Bea	20.25 146	P	04 33 39.8	-3.5	
BFO	Black Forest	22.52 33	P	04 34 07.6	+0.1	
BFO	Black Forest	22.52 33	Iamb	04 34 08.3		
TIC	Toumoudi	24.15 168	ePKP1	04 34 30.7	+6.6	
DBIC	Dimboko	24.15 168	P	04 34 21.5	-2.6	
DBIC	Dimboko	24.15 168	Iamb	04 34 37		

29d 7h

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

2015 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BC3, J01E, GLA, PNTR, HUMO, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H17A, SDCO, MSTX, COLD, etc.

SKHL 29.07.17:50.0.0.4.43.24N:147.49E,h42km,2km,mb4.6/3
JMA 29.07.17:51.6.0.2.43.25N:147.32E,h36km,M3.5
ISC 29.07.17:49.1.2.5.43.35N:0109.147.38E:0.09,h11km,12km,
n15,-0.92/25,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2, NMR, NMR, YUK, YUK, YUK, YUK, YUK, GRPR, GRPR, GRPR, GRPR, JKH, JKH, JRA, JRA, JNSB, JNSB, KUR, KUR, KUR, KUR, JNK, JNK, JAK, JAK, JTRK, JTRK, JOB, JOB, JCH, JCH, JNBK, JNBK.

INET 29 07:21:28.6, 10.60N-86.68W, h15km, MW3.2
UCR 29 07:21:31.3, 5.0, 10.77N-86.40W, h13km, 35km, MW3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HZTE, HZTE, LAPC, LAPC, GB1A, GB1A, GUAI, GUAI, GUAI, GUAI, BUAI, BUAI, PLVR, PLVR, DUNO, DUNO, HORNC, HORNC, CUI, CUI, PTEJ, PTEJ, ARE1, ARE1, ACON, ACON, JACO, JACO, ESPN, ESPN, LCR2, LCR2, PEZE, PEZE, MRVA, MRVA, EDLN, EDLN, DRPN, DRPN, EKNO, EKNO, RIOS, RIOS, PIRO, PIRO.

IDC 29 07:40:43.9, 2.9, 31.186S-69.33W, h83km, 25km, mb3.2/4, mb1 3.5/7, mb1mx3.4/34, mbtmp3.6/7, Error ellipse: s-maj=42.6km s-min=25.1km az=91.0

GUC 29 07:40:47.2, 0.7, 31.180S-69.62W, h137km, 6km, ML3.8
ISC 29 07:40:47.2, 0.8, 31.181S-69.634W, h116km, 7km, n28, r132/43, mb3.4/4, 11C-1D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RRTL, RRTL, RRTL, RRTL, VA03, VA03, VA03, VA03, CO03, CO03, CO03, CO03, CO02, CO02, CO02, CO02, PEL, PEL, PEL, PEL, ROCH, ROCH, ROCH, ROCH, CO01, CO01, CO01, CO01, MT03, MT03, MT03, MT03, MT05, MT05, MT05, MT05, GO04, GO04, GO04, GO04, MT02, MT02, MT02, MT02, LMEL, LMEL, LMEL, LMEL, MT09, MT09, MT09, MT09, VA05, VA05, VA05, VA05, AC05, AC05, AC05, AC05, BO02, BO02, BO02, BO02, BO03, BO03, BO03, BO03, AC04, AC04, AC04, AC04, LVC, LVC, LVC, LVC, SIV, SIV, SIV, SIV, TXAR, TXAR, TXAR, TXAR, TDOR, TDOR, TDOR, TDOR, Pinedale Array, Pinedale Array, NVAR, NVAR, NVAR, NVAR, WRA, WRA, WRA, WRA, ZALV, ZALV, ZALV, ZALV.

GCG 29 07:42:11.2, 0.5, 12.77N-88.34W, h28km, 369km, MD4.3
SNET 29 07:42:15.3, 1.0, 12.96N-88.65W, h50km, 9km, ML4.0
IDC 29 07:42:15.3, 1.0, 13.14N-88.41W, h68km, 32km, mb3.5/7, mb1 3.9/9, mb1mx3.6/37, mbtmp3.9/9, ML3.1/2, MS3.4/5, Ms1 3.4/5, ms1mx3.1/25, Error ellipse: s-maj=30.8km s-min=18.5km az=56.0
UCR 29 07:42:15.5, 1.0, 12.96N-88.65W, h50km, ML4.0, mb4.3(NEIC)
INET 29 07:42:15.0, 12.48N-88.56W, h6km, MW3.5
NEIC 29 07:42:15.4, 1.9, 13.02N-0.03-86.62W, 0.05, h57km, 11km, Error ellipse: s-maj=3.7km s-min=3.7km az=3.7
NEIC 29 07:42:15.1, 12.96N-88.65W, h59km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr2.57; Mss-2.32; Mss-0.24; Mrr1.74; Mss1.22; Mss2.07; Fault plane solution: Ms3.85000*10^15 Np1.0=132.30000*, s68.04000*, l104.87000*. NP2.0=276.93000*, s26.31000*, l57.53000*. Principal axes: T 3.8309, Plg4.0000*, Azm67.0000*; N 0.0376, Plg14.0000*, Azm307.0000*; P -3.8685, Plg22.0000*, Azm211.0000*.
ISC 29 07:42:14.8, 0.9, 12.99N-0.06-86.61W, 0.03, h65km, 7km, n109, r130/125, mb4.0/1, 1D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COEB, COEB, COEB, COEB, TECA, TECA, TECA, TECA, RANC, RANC, RANC, RANC, VSM, VSM, VSM, VSM, PACA, PACA, PACA, PACA, CNRM, CNRM, CNRM, CNRM, UESV, UESV, UESV, UESV, COEG, COEG, COEG, COEG, COEG, COEG, COEG, COEG, LEND, LEND, LEND, LEND, LFRS, LFRS, LFRS, LFRS, CNCH, CNCH, CNCH, CNCH, LALI, LALI, LALI, LALI, LALI, LALI, LALI, LALI, FAGO, FAGO, FAGO, FAGO, FAGO, FAGO, FAGO, FAGO, UTEC, UTEC, UTEC, UTEC, OPAM, OPAM, OPAM, OPAM, SNET, SNET, SNET, SNET, SNET, SNET, SNET, SNET, UESS, UESS, UESS, UESS, ITCA, ITCA, ITCA, ITCA, MACS, MACS, MACS, MACS, BOQS, BOQS, BOQS, BOQS, PMON, PMON, PMON, PMON, JAYA, JAYA, JAYA, JAYA, JAYA, JAYA, JAYA, JAYA, CEDA, CEDA, CEDA, CEDA, LLGN, LLGN, LLGN, LLGN, LLGN, LLGN, LLGN, LLGN, TACO, TACO, TACO, TACO, CEVE, CEVE, CEVE, CEVE, CEVE, CEVE, CEVE, CEVE, RTR, RTR, RTR, RTR, CRIN, CRIN, CRIN, CRIN, MTO3, MTO3, MTO3, MTO3, MTO3, MTO3, MTO3, MTO3, ESQUI, ESQUI, ESQUI, ESQUI, ESQUI, ESQUI, ESQUI, ESQUI, CONG, CONG, CONG, CONG, CONG, CONG, CONG, CONG, MRL, MRL, MRL, MRL, PCG, PCG, PCG, PCG, FUG, FUG, FUG, FUG, RTAL, RTAL, RTAL, RTAL, HUEH, HUEH, HUEH, HUEH, PETF, PETF, PETF, PETF, ESPN, ESPN, ESPN, ESPN, JTS, JTS, JTS, JTS, COIG, COIG, COIG, COIG, EDLN, EDLN, EDLN, EDLN, EDBA, EDBA, EDBA, EDBA, SAN, SAN, SAN, SAN, TEIG, TEIG, TEIG, TEIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG, CMIG, SDV, SDV, SDV, SDV, Z47A, Z47A, Z47A, Z47A, GOGA, GOGA, GOGA, GOGA, Y49A, Y49A, Y49A, Y49A, TXAR, TXAR, TXAR, TXAR, TX31, TX31, TX31, TX31, TX32, TX32, TX32, TX32, ATAH, ATAH, ATAH, ATAH, TKL, TKL, TKL, TKL, TKL, TKL, TKL, TKL, WVT, WVT, WVT, WVT, X34A, X34A, X34A, X34A, LPIG, LPIG, LPIG, LPIG, U40A, U40A, U40A, U40A, T2ZT, T2ZT, T2ZT, T2ZT, T42A, T42A, T42A, T42A, S39A, S39A, S39A, S39A, NVAR, NVAR, NVAR, NVAR, NVAR, NVAR, NVAR, NVAR, YKA, YKA, YKA, YKA, RCBR, RCBR, RCBR, RCBR, PLCA, PLCA, PLCA, PLCA, ILAR, ILAR, ILAR, ILAR, WRR, WRR, WRR, WRR, ASAR, ASAR, ASAR, ASAR.

MEX 29 07:45:22.0, 2.0, 16.26N-98.00W, h4km, 5km, MD3.2, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG, PNIG, PNIG, PNIG, YOIG, YOIG, YOIG, YOIG, YOIG, YOIG, YOIG, YOIG, TXIG, TXIG, TXIG, TXIG, CRIG, CRIG, CRIG, CRIG, HUIG, HUIG, HUIG, HUIG.

MEX 29 07:45:39.0, 5.0, 15.61N-94.76W, h17km, 21km, MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG, HUIG, HUIG, HUIG, CMIG, CMIG, CMIG, CMIG, PCIG, PCIG, PCIG, PCIG, TGIG, TGIG, TGIG, TGIG, PEIG, PEIG, PEIG, PEIG, YOIG, YOIG, YOIG, YOIG, TXIG, TXIG, TXIG, TXIG, PNIG, PNIG, PNIG, PNIG.

IDC 29 07:55:36.8, 1.7, 40.67N-78.15E, h0km, mb3.3/3, mb1 3.4/7, mb1mx3.2/56, mbtmp3.3/7, ML3.2/4, Error ellipse: s-maj=21.4km s-min=15.8km az=168.0

SOME 29 07:55:36.8, 40.72N-78.18E, h5km
KRNET 29 07:55:37.0, 1.0, 40.67N-78.20E, mb3.8
NNC 29 07:55:39.0, 0.9, 40.79N-78.18E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=6.2km s-min=4.6km az=169.0

ISC 29 07:55:39.2, 1.4, 40.79N-0.04-78.27E, 0.03, h5km, 9km, n93, r155/134, mb3.6/3, 28C-16D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDJ, KDJ, KDJ, KDJ, PRZ, PRZ, PRZ, PRZ, ANVS, ANVS, ANVS, ANVS, ULHL, ULHL, ULHL, ULHL, ULHL, ULHL, ULHL, ULHL, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, SATY, SATY, SATY, SATY, SATY, SATY, SATY, SATY, ZHN, ZHN, ZHN, ZHN, ZHN, ZHN, ZHN, ZHN, UZB, UZB, UZB, UZB.

W39A	Magazine	32.99	5	I	Amb	09 36 28.5
Y22D	IRIS PASCAL I	33.03	345	P	P	09 36 28.6 +1.4
Y22D	IRIS PASCAL I	33.03	345	I	Amb	09 36 30.1
Y49A	Blount Mountain	33.05	16	I	Amb	09 36 28.9
214A	Organ Pipe Nat	33.12	335	P	P	09 36 28.3 +0.5
214A	Organ Pipe Nat	33.12	335	P	P	09 36 28.8 0.0
W41B	Gary Mavity, V	33.13	7	P	P	09 36 28.2 +0.4
BCOK	Bluff Creek, N	33.31	359	P	P	09 36 29.9 +0.4
X48A	Hartselle	33.44	15	I	Amb	09 36 31.6
OK029	Liberty Lake	33.45	359	P	P	09 36 30.4 -0.2
SPX	San Pedro Mart	33.55	331	P	P	09 36 33.0 +0.9
GOGA	Godfrey	33.58	21	P	P	09 36 31.8 0.0
TUL1	Leonard	33.58	2	P	P	09 36 31.4 -0.4
TUL1	Leonard	33.58	2	I	Amb	09 36 32.5
OK031	S. Brethren Rd	33.60	0	P	P	09 36 31.3 -0.7
W45A	Hickory Valley	33.62	12	P	P	09 36 32.4 +0.3
P45L	Pickwick Lake	33.69	13	I	Amb	09 36 34.7
ANMO	Albuquerque	33.74	346	P	P	09 36 34.9 +1.4
ANMO	Albuquerque	33.74	346	P	P	09 36 34.2 +0.7
ANMO	Albuquerque	33.74	346	P	P	09 36 34.9 +1.4
US2A	Winter Ranch,	34.07	357	P	P	09 36 35.8 -0.3
X51A	Calhoun	34.17	18	I	Amb	09 36 38.8
U38A	Gravette	34.17	4	P	P	09 36 36.9 -0.1
PSGCX	Pisagua	34.19	131	I	Amb	09 36 39.5
SJG	San Juan	34.21	60	P	P	09 36 36.5 -1.0
SJG	San Juan	34.21	60	P	P	09 36 36.5 -1.0
113A	Mohawk Valley	34.22	335	I	Amb	09 36 40.3
U40A	Yellville	34.23	6	P	P	09 36 37.2 -0.2
MMMC	Milny Milny	34.33	129	P	P	09 36 39.1 +0.3
X18A	Snowflake	34.35	341	P	P	09 36 38.8 +0.1
GMPR	Guaynabo City	34.35	60	P	P	09 36 35.7 -3.0
HUMP	San Antonio	34.48	61	I	Amb	09 36 42.1
T35A	Sooner Cattle	34.56	1	I	Amb	09 36 42.0
NHSC	New Hope	34.60	25	P	P	09 36 40.5 -0.2
V48A	Smith Brothers	34.72	15	P	P	09 36 41.9 +0.3
MTP	Monte Pirata	34.72	61	P	P	09 36 41.5 -0.5
X16A	Lo Mia Camp, P	34.76	339	I	Amb	09 36 44.9
W18A	Petrified Fore	34.82	342	P	P	09 36 43.8 +1.0
W18A	Petrified Fore	34.82	342	P	P	09 36 44.0 +1.2
WVT	Waverly	34.84	13	P	P	09 36 43.0 +0.2
WVT	Waverly	34.84	13	P	P	09 36 42.6 -0.2
WVT	Waverly	34.84	13	P	P	09 36 43.0 +0.2
GLA	Glamis	34.93	333	P	P	09 36 44.3 +0.7
GLA	Glamis	34.93	333	P	P	09 36 44.9 +1.2
GLA	Glamis	34.93	333	P	P	09 36 44.3 +0.7
GLA	Glamis	34.93	333	P	P	09 36 45.8
W52A	Murphy	34.95	19	I	Amb	09 36 45.6
MGMO	Mountain Grove	35.08	7	I	Amb	09 36 46.2
TK2A	Van Buren	35.11	8	P	P	09 36 44.5 -0.5
IKP	In-Ko-Pah, Jach	35.19	331	P	P	09 36 46.8 +0.9
SWSC	Sam W. Stewart	35.29	332	P	P	09 36 47.6 +0.9
T25A	Trinidad	35.43	350	P	P	09 36 49.3 +1.2
V51A	Loudon	35.47	18	P	P	09 36 47.5 -0.7
BAR	Barrett	35.48	331	P	P	09 36 46.3 -2.1
S39A	Bolivar	35.50	5	I	Amb	09 36 49.7
TKL	Tuckaleechee C	35.52	19	P	P	09 36 49.0 +0.4
MONP2	Monument Peak	35.54	331	P	P	09 36 49.9 +0.9
PB07	IPOC Station P	35.66	133	I	Amb	09 36 52.6
PDMC1	Parker Dam, Lak	35.70	335	P	P	09 36 51.1 +0.9
U49A	Red Boiling Sp	35.72	16	P	P	09 36 49.9 -0.4
BC3	Big Chuteau	35.72	333	P	P	09 36 51.5 +1.0
WUAZ	Wupatki	35.72	340	P	P	09 36 51.9 +1.4
WUAZ	Wupatki	35.72	340	P	P	09 36 51.2 +0.7
WUAZ	Wupatki	35.72	340	P	P	09 36 53.3
V53A	Saluda	35.85	20	I	Amb	09 39 19.7 +1.0
KMSC	Kings Mountain	35.91	22	P	P	09 36 52.3 +0.3
KMSC	Kings Mountain	35.91	22	P	P	09 36 51.8 -0.2
IRM	Iron Mountain	36.01	334	P	P	09 36 53.9 +1.0
S44A	Carbondale	36.06	11	P	P	09 36 52.8 -0.4
R02A	Long Quarter,	36.09	358	P	P	09 36 51.3 -2.2
CCM	Cathedral Cave	36.10	8	P	P	09 36 53.7 +0.2
CCM	Cathedral Cave	36.10	8	P	P	09 36 53.4 -0.1
CCM	Cathedral Cave	36.10	8	P	P	09 36 53.7 +0.2
TPFO	Pinon Flats	36.14	332	P	P	09 36 55.1 +1.0
XPFO	Pion Flat	36.14	332	P	P	09 36 55.0 +0.8
PFO	Pinon Flats O	36.15	332	P	P	09 36 55.1 +1.0
PFO	Pinon Flats O	36.15	332	P	P	09 36 55.2 +1.0
PFO	Pinon Flats O	36.15	332	P	P	09 36 55.4 +0.4
PB09	IPOC Station P	36.17	133	I	Amb	09 36 57.6
W56A	Indian Trail	36.19	23	P	P	09 36 54.2 -0.1
S40A	Great Sand Dun	36.23	349	P	P	09 36 56.0 +1.0
SDCO	Great Sand Dun	36.23	349	I	Amb	09 36 57.4
Y60A	Bolivia	36.23	27	P	P	09 36 55.2 +0.6

BELO	Belle Mtn. Jos	36.28	333	P	P	09 36 56.1 +1.0
TZTN	Tazewell	36.40	19	P	P	09 36 56.5 +0.3
MVCO	Mesa Verde	36.41	345	P	P	09 36 57.2 +0.7
MVCO	Mesa Verde	36.41	345	P	P	09 36 56.8 +0.3
T50A	Nancy	36.45	17	I	Amb	09 36 57.7
PB06	IPOC Station P	36.49	134	I	Amb	09 36 59.7
S22A	41 Ranch, Cre	36.51	347	P	P	09 36 58.2 +0.8
CBKS	Cedar Bluff	36.54	357	P	P	09 36 57.9 +0.6
V55A	Taylorville	36.58	22	I	Amb	09 36 59.3
USIN	University of	36.64	13	I	Amb	09 36 59.5
W58A	RaeFord	36.64	25	P	P	09 36 58.3 +0.1
SC12	San Clemente I	36.66	329	P	P	09 36 58.9 +0.4
KSU1	Kansas State U	36.74	1	P	P	09 36 59.5 +0.5
GMRC	Granite Mounta	36.76	334	P	P	09 37 00.4 +1.0
MACA	Manacapurur-AM	36.76	98	eP	P	09 36 58.5 -1.1
V56A	Mocksville	36.82	23	P	P	09 36 59.5 -0.2
U15A	North Rim	36.86	339	P	P	09 37 01.4 +0.9
BBRC	Big Bear Solar	36.90	332	P	P	09 37 01.9 +1.2
LVC	Limon Verde	36.91	133	P	P	09 37 00.8 -0.3
LVC	Limon Verde	36.91	133	P	P	09 37 00.8 -0.3
LVC	Limon Verde	36.91	133	P	P	09 37 04.3
LVC	Limon Verde	36.91	133	eP	P	09 37 02.8 +1.7
U54A	Nelsons Sunny	36.96	21	P	P	09 37 01.3 +0.3
KSCO	Kaye Shedlock	37.00	353	P	P	09 37 01.7 +0.3
H56A	Hector Ludlow	37.10	333	P	P	09 37 03.4 +1.2
W59A	Clinton	37.11	26	P	P	09 37 01.8 -0.3
V57A	Coltrane Farms	37.17	24	P	P	09 37 03.0 +0.3
WCI	Wyandotte Cave	37.21	14	P	P	09 37 02.0 -1.0
WCI	Wyandotte Cave	37.21	14	P	P	09 37 03.3 +0.4
WCI	Wyandotte Cave	37.21	14	P	P	09 37 02.0 -1.0
WCI	Wyandotte Cave	37.21	14	P	P	09 37 04.4
PTGA	Pitinga	37.21	94	P	P	09 37 03.6 +0.2
PTGA	Pitinga	37.21	94	P	P	09 37 03.7 +0.2
PTGA	Pitinga	37.21	94	P	P	09 37 04.5
PTGA	Pitinga	37.21	94	eP	P	09 37 03.7 +0.2
BFSC	Mount Baldy Ra	37.23	331	P	P	09 37 04.4 +1.0
Q44A	Meyer Farm, Va	37.28	10	P	P	09 37 03.9 +0.3
OLIL	Olney	37.29	12	I	Amb	09 37 05.5
W60A	Pink Hill	37.33	27	P	P	09 37 04.2 +0.1
U56A	King	37.33	22	P	P	09 37 04.4 +0.3
U56A	King	37.33	22	I	Amb	09 37 05.8
Q24A	Divide	37.34	350	P	P	09 37 05.4 +0.9
V58A	Windy Hill, Pi	37.36	24	I	Amb	09 37 04.2 0.0
V58A	Windy Hill, Pi	37.36	24	I	Amb	09 37 05.4
SNCC	San Nicolas Is	37.38	328	P	P	09 37 05.3 +0.7
S51A	Beaverville	37.40	18	I	Amb	09 37 06.0
P38A	Dawn	37.40	5	I	Amb	09 37 04.0 -0.6
CNCC	Cliff of the	37.41	26	P	P	09 37 04.7 0.0
MWC	Mount Wilson	37.41	331	I	Amb	09 37 08.0
PV02	Paradox Valley	37.41	345	I	Amb	09 37 07.0
P40A	Paris	37.45	6	I	Amb	09 37 05.1 +0.1
PV15	Paradox Valley	37.47	345	P	P	09 37 06.2 +0.7
PV18	Skein Mesa, Pa	37.49	345	P	P	09 37 05.5 -0.2
PV12	Saucer Basin,	37.53	345	I	Amb	09 37 08.1
PV17	East Wray Mesa	37.54	345	P	P	09 37 06.1 +0.1
KNB	Kanab	37.58	339	P	P	09 37 07.9 +1.5
KNB	Kanab	37.58	339	P	P	09 37 09.5 +1.5
PV07	Paradox Valley	37.60	345	P	P	09 37 07.0 +0.4
PV07	Paradox Valley	37.60	345	I	Amb	09 37 08.8
PV04	Paradox Valley	37.63	345	P	P	09 37 07.6 +0.8
V59A	Middlesex	37.70	25	P	P	09 37 07.0 -0.2
GSC	Goldstone, Bar	37.71	333	P	P	09 37 08.5 +1.1
GSC	Goldstone, Bar	37.71	333	P	P	09 37 08.4 +1.1
GSC	Goldstone, Bar	37.71	333	P	P	09 37 08.5 +1.1
PV23	Carpenter Ridg	37.71	345	I	Amb	09 37 08.3 +0.7
R50A	Paris	37.78	16	I	Amb	09 37 08.9
U57A	Blanch	37.82	24	P	P	09 37 08.7 +0.5
P43A	Skaggs, Pawnee	37.91	10	I	Amb	09 37 10.3
S3MCO	Snowmass	37.91	347	P	P	09 37 10.1 +0.7
EDW2	Edwards Air Fo	37.91	331	P	P	09 37 09.9 +0.8
SHOC	Shoshone, Teco	37.97	334	P	P	09 37 10.7 +1.1
SHRP	Sheep Range	38.02	336	P	P	09 39 26.9 +1.2
BLO	Bloomington	38.05	13	I	Amb	09 37 11.2
GO02	Mina Guanaco	38.06	137	P	P	09 37 12.5 +1.7
T56A	Rocky Mt	38.07	22	P	P	09 37 10.7 +0.4
BLA	Blacksburg	38.08	22	P	P	09 37 10.7 +0.2
BLA	Blacksburg	38.08	22	P	P	09 37 10.9 +0.4
BLA	Blacksburg	38.08	22	P	P	09 37 10.7 +0.2
BLA	Blacksburg	38.08	22	P	P	09 37 10.7 +0.2
U58A	Oxford	38.11	25	P	P	09 37 10.3 -0.3
V60A	Jim Taylor Roa	38.13	27	P	P	09 37 10.1 -0.7
ISCO	Idaho Springs	38.24	349	P	P	09 37 13.1 +1.0
ISCO	Idaho Springs	38.24	349	I	Amb	09 37 15.2
LRMC	Laurel Mtn Rad	38.25	332	P	P	09 37 13.1 +1.1
S54A	Dingess, Beckl	38.29	20	P	P	09 37 12.2 0.0

S54A	Dingess, Beckl	38.29	20	I	Amb	09 37 13.5
T57A	Hurt	38.34	23	P	P	09 37 13.0 +0.4
T57A	Hurt	38.34	23	I	Amb	09 37 14.1
U59A	Littleton	38.39	25	P	P	09 37 12.6 -0.4
SBC	Santa Barbara	38.41	329	P	P	09 37 13.8 +0.6
V61A	Roper	38.46	27	P	P	09 37 13.6 0.0
T58A	Grand View Acr	38.59	24	P	P	09 37 14.7 +0.1
MPMC	Manual Prospec	38.64	333	P	P	09 37 16.2 +0.8
FURC	Furnace Creek,	38.70	334	P	P	09 37 16.2 +0.5
R54A	Victor	38.74	20	P	P	09 37 16.2 +0.2
SRU	San Rafael Swe	38.75	343	P	P	09 37 16.0 -0.2
SRU	San Rafael Swe	38.75	343	P	P	09 37 16.0 -0.2
Q51A	Peebles	38.75	17	I	Amb	09 37 17.3
U60A	Peroteno	38.77	26	P	P	09 37 16.1 -0.1
ISA	Isabella, Lake	38.77	332	P	P	09 37 17.4 +1.0
S56A	Natural Bridge	3				

29d 9h

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comp=Z,20nm,0.9s									
NV11	Mina Array Sit	40.91 334	P	P	09 37 34.7 +0.6				
NV11	Mina Array Sit	40.97 334	P	PcP	09 39 35.1 +0.4				
NVAR	Mina Array Sit	40.97 334	P	P	09 37 35.9 +1.1				
comp=Z,5.2nm,1.0s,baz=157,slow=8.4,SNR=33									
NVAR	Mina Array Bea	40.97 334	P	PcP	09 39 35.9 +0.9				
comp=Z,2.7nm,1.0s,baz=154,slow=4.0,SNR=8.1									
NVAR	Mina Array Bea	40.97 334	P	PcP	09 37 36.0 +1.3				
NVAR	Mina Array Bea	40.97 334	P	PcP	09 39 35.6 +0.5				
P57A	Homestead Farm	40.98 23	P	P	09 37 35.0 +0.5				
comp=Z,3.7nm,1.1s									
P57A	Homestead Farm	40.98 23	Iamb	Iamb	09 37 36.5				
Q59A	Harwood	40.99 25	P	P	09 37 35.2 +0.5				
comp=Z,2.1s									
JFWS	Jewell Farm	41.01 8	P	P	09 37 34.2 -0.5				
comp=Z,190,SNR=5.1									
JFWS	Jewell Farm	41.01 8	Iamb	Iamb	09 37 35.5				
comp=Z,30nm,0.9s									
N53A	Lisbon	41.15 19	Iamb	Iamb	09 37 37.7				
comp=Z,40nm,1.1s									
K22A	Casper	41.17 349	P	P	09 37 36.3 0.0				
K22A	Casper	41.17 349	P	P	09 37 35.7 -0.5				
M51A	Elyria	41.22 17	P	P	09 37 36.1 -0.4				
comp=Z,203,SNR=5.2									
P58A	Pank, Wackers	41.26 23	P	P	09 37 37.0 +0.1				
comp=Z,1.1s									
ECSD	EROS Data Cent	41.37 1	P	P	09 37 37.4 -0.3				
comp=Z,181,SNR=34									
ECSD	EROS Data Cent	41.37 1	Iamb	Iamb	09 37 38.6				
comp=Z,46nm,0.9s									
Q60A	Greensboro	41.45 25	P	P	09 37 37.9 -0.5				
comp=Z,213									
O56A	Blue Knob Stat	41.46 22	P	P	09 37 38.6 +0.1				
comp=Z,208									
WAKR	Walker	41.53 333	P	P	09 37 40.7 +1.3				
N54A	Moraine State	41.57 20	P	P	09 37 39.3 -0.2				
comp=Z,206,SNR=9.7									
N54A	Moraine State	41.57 20	Iamb	Iamb	09 37 40.8				
comp=Z,43nm,1.0s									
M52A	Chesterland	41.66 18	Iamb	Iamb	09 37 41.1				
comp=Z,52nm,1.1s									
AAM	Ann Arbor	41.71 15	P	P	09 37 39.7 -0.8				
comp=Z,200									
AAM	Ann Arbor	41.71 15	Iamb	Iamb	09 37 41.6				
comp=Z,40nm,1.2s									
P59A	Jarrettsville	41.72 24	P	P	09 37 40.3 -0.3				
comp=Z,212									
ELK	Elko	41.75 339	LR	LR	09 55 18.7				
comp=Z,420nm,19.3s									
O57A	Amberson	41.76 23	P	P	09 37 40.8 -0.1				
comp=Z,210,SNR=5.1									
M53A	WI Miller and	41.78 19	P	P	09 37 40.9 -0.2				
comp=Z,205,SNR=6.2									
M53A	WI Miller and	41.78 19	Iamb	Iamb	09 37 42.2				
comp=Z,37nm,1.1s									
I37A	Lemond, Waseca	41.78 4	P	P	09 37 40.2 -0.9				
I37A	Lemond, Waseca	41.78 4	Iamb	Iamb	09 37 43.6				
comp=Z,44nm,1.2s									
ITTB	Itaituba	41.82 9	eP	P	09 37 40.4 -1.4				
BW06	Boulder Array	41.92 346	P	P	09 37 42.8 +0.3				
comp=Z,161,SNR=20									
PDAR	Pinedale Array	41.92 346	P	P	09 37 43.0 +0.5				
comp=Z,9.1nm,0.9s,baz=155,slow=7.4,SNR=57									
PDAR	Pinedale Array	41.92 346	P	PcP	09 39 37.6 -0.4				
comp=Z,1.7nm,1.0s,baz=158,slow=4.3,SNR=4.2									
PDAR	Pinedale Array	41.92 346	P	LR	09 54 40.7				
comp=Z,627nm,18.8s,baz=166,slow=36									
PDAR	Pinedale Array	41.92 346	P	P	09 37 42.3 -0.2				
O58A	Lewisberry	41.96 23	P	P	09 37 42.5 0.0				
comp=Z,211									
MV1	Millersville	42.08 24	Iamb	Iamb	09 37 45.2				
comp=Z,30nm,1.1s									
PNTR	Pine Nut	42.09 334	P	P	09 37 44.0 0.0				
SUSD	Miller	42.11 358	P	P	09 37 43.7 -0.1				
comp=Z,177									
N56A	West Decatur	42.12 21	P	P	09 37 44.2 +0.2				
comp=Z,203,SNR=5.5									
ALLY	Allegeny Colle	42.14 19	Iamb	Iamb	09 37 45.8 +0.2				
comp=Z,50nm,1.1s									
M54A	Oil Creek Stat	42.17 20	P	P	09 37 44.6 +0.3				
comp=Z,203,SNR=8.8									
M54A	Oil Creek Stat	42.17 20	Iamb	Iamb	09 37 45.6				
comp=Z,45nm,1.2s									
RSSD	Black Hills	42.21 353	P	P	09 37 46.0 +1.2				
RSSD	Black Hills	42.21 353	P	P	09 37 45.6 +0.8				
comp=Z,30nm,1.1s									
RSSD	Black Hills	42.21 353	P	P	09 37 46.4 +1.2				
comp=Z,170									
RSSD	Black Hills	42.21 353	P	P	09 37 44.8 +0.2				
comp=Z,30nm,1.1s									
P60A	Greenville	42.22 25	P	P	09 37 45.1 +0.1				
comp=Z,213									
N57A	Milroy	42.26 22	P	P	09 37 45.8 +0.3				
comp=Z,203,SNR=8.8									
VCNR	Virginia City	42.28 334	P	P	09 37 46.4				
J47A	Summer	42.31 13	Iamb	Iamb	09 37 46.4				
comp=Z,55nm,1.2s									
L53A	Girard	42.38 19	P	P	09 37 46.0 0.0				
comp=Z,205,SNR=7.0									
O59A	Robesonia	42.41 24	P	P	09 37 46.6 +0.3				
comp=Z,212									
M55A	Ridgway	42.44 20	Iamb	Iamb	09 37 47.9				
comp=Z,44nm,1.1s									
PAHR	Pah Rah Range	42.50 334	P	P	09 37 47.4 +0.2				
ERPA	Erie	42.61 19	P	P	09 37 47.9 0.0				
comp=Z,206									
NPGB	Novo Progresso	42.63 103	eP	P	09 37 47.1 -1.4				
N58A	Sunbury	42.65 23	P	P	09 37 48.3 +0.1				
comp=Z,211									
M56A	Emporium	42.66 21	P	P	09 37 48.2 -0.1				
comp=Z,208,SNR=9.4									
O60A	Telford	42.74 25	P	P	09 37 49.1 +0.2				
comp=Z,213									
REDW	Red Top Meadow	42.80 345	P	P	09 37 49.3 -0.3				
REDW	Red Top Meadow	42.80 345	Iamb	Iamb	09 37 52.0				
comp=Z,35nm,1.4s									
SNOW	Snow King Moun	42.87 345	Iamb	Iamb	09 37 55.9				
comp=Z,27nm,1.1s									
O61A	Allentown	42.91 26	P	P	09 37 50.8 +0.5				
comp=Z,214									
M57A	Sunshine Farm,	42.92 22	P	P	09 37 51.0 +0.6				
comp=Z,210									
M57A	Sunshine Farm,	42.92 22	Iamb	Iamb	09 37 51.9				
comp=Z,239nm,1.1s									
LUPA	Lehigh Univers	42.99 24	Iamb	Iamb	09 37 52.7				
comp=Z,50nm,1.2s									
MALB	Monte Alegre	42.99 95	eP	P	09 37 50.1 -1.2				
SPMN	Marine on St.	43.03 4	P	P	09 37 50.7 -0.4				
comp=Z,186,SNR=6.2									
SPMN	Marine on St.	43.03 4	P	P	09 37 49.9 -1.3				
N59A	State Game Lan	43.09 24	P	P	09 37 52.3 +0.5				
comp=Z,211									
M58A	Price's Panora	43.21 23	P	P	09 37 52.9 +0.2				
comp=Z,213,SNR=6.7									
N60A	Cedar Hill Far	43.33 24	P	P	09 37 53.7 +0.1				
comp=Z,213									
ORV	Oroville	43.33 332	P	P	09 37 54.0 +0.3				
ORV	Oroville	43.33 332	P	P	09 37 54.0 +0.3				
comp=Z,13nm,1.3s									
L56A	Oroville	43.36 21	P	P	09 37 55.0 +0.2				
comp=Z,209,SNR=7.1									
L56A	Oroville	43.36 21	Iamb	Iamb	09 37 56.1				
comp=Z,34nm,0.9s									
F33A	5 Mile Ranch,	43.48 1	Iamb	Iamb	09 37 55.0				
comp=Z,52nm,1.5s									
N61A	South Mountain	43.56 25	P	P	09 37 55.9 +0.3				
comp=Z,214									
L57A	Andrews Acres	43.60 22	P	P	09 37 56.0 +0.1				
comp=Z,210,SNR=6.5									
L57A	Milaca	43.61 4	Iamb	Iamb	09 37 57.4				
comp=Z,34nm,1.3s									
H17A	Grant Village	43.70 346	P	P	09 37 57.4 +0.5				
M59A	Waymart	43.76 24	P	P	09 37 57.3 +0.2				
comp=Z,212									
M60A	Port Jervis	43.91 25	P	P	09 37 58.5 +0.2				
comp=Z,213,SNR=9.4									
PAL	Palisades	43.94 25	P	P	09 37 58.7 0.0				
comp=Z,214									
PAL	Palisades	43.94 25	Iamb	Iamb	09 37 59.9				
comp=Z,36nm,1.0s									
L58A	Harry Jones Me	44.02 23	P	P	09 37 59.3 +0.1				
comp=Z,211,SNR=8.6									
K56A	Middlesex	44.03 21	P	P	09 37 59.4 0.0				

comp=Z,20nm,0.9s					
MEDO	Medina	44.05 20	P	P	09 37 58.1 -1.3
O03E	Paynes Creek	44.06 333	P	P	09 38 00.5 +0.8
comp=Z,143					
RLMT	Red Lodge	44.09 348	P	P	09 37 60.0 0.0
comp=Z,162,SNR=6.9					
BINY	Binghamton	44.10 23	P	P	09 37 60.0 +0.1
comp=Z,211,SNR=12					
YNE	Yellowstone No	44.14 347	P	P	09 38 00.3 -0.2
YHB	Yellow Butte	44.19 346	P	P	09 38 00.9 +0.1
M61A	Granite Spring	44.25 25	P	P	09 38 01.1 0.0
comp=Z,214,SNR=6.2					
TAOE	Nuku Hiva Isla	44.31 255	eLR	LR	09 50 24.8
comp=Z,39nm,24.9s					
TAOE	Nuku Hiva Isla	44.31 255	eT	T	10 25 13.9
K57A	Scipio Center	44.36 22	P	P	09 38 01.9 -0.1
comp=Z,210,SNR=5.1					
BCYI	Bear Canyon	44.37 343	P	P	09 38 02.4 +0.1
L59A	Walton	44.46 23	P	P	09 38 02.9 0.0
comp=Z,23nm,1.5s					
WVOR	Wild Horse Val	44.48 337	Iamb	Iamb	09 38 04.9
comp=Z,223nm,1.5s					
E38A	The Farm, Brul	44.50 5	P	P	09 38 01.9 -1.2
L60A	Shokan	44.62 24	P	P	09 38 04.5 +0.4
comp=Z,213					
J56A	Wolcott	44.70 21	P	P	09 38 04.8 +0.1
comp=Z,209,SNR=5.6					
J56A	Wolcott	44.70 21	P	P	09 38 04.0 -0.6
MOD	Wood Plateau	44.71 335	Iamb	Iamb	09 38 07.2
comp=Z,19nm,1.3s					
K58A	Earlville	44.71 22	P	P	09 38 05.1 +0.3
comp=Z,211,SNR=13					
K5CT	Kent School, K	44.72 25	Iamb	Iamb	09 38 06.8
comp=Z,36nm,1.2s					
K59A	Cooperstown	45.03 23	P		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like N25K, C36M, MENT, DOT, KURK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, ASAR, WRAR, WRA, etc.

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

IDC 29 09:30:40.0.5.9.11'43N.01'84E. h0km. mb3.5/2. mlp1.9.3/m. mb1mx3.4/4.5. mbtmp3.6/3. ML4.4/1. Error ellipse: s-maj=126.6km s-min=47.2km az=99.0.

IDC 29 09:41:12.4.3.4. 33'80S. 178'78W. h0km. mb4.0/3. mb1.4/2.4. mb1mx3.8/3.4. mbtmp4.0/4. ML4.1/1. MS3.3/1. Ms1.3.3/1. ms1mx2.5/3.3. Error ellipse: s-maj=72.6km s-min=36.9km az=116.0.

WEL 29 09:41:13.9.0.9.34' S. 9.17' 9W. 2.1. h33km. M4.2/13. mb4.8/7. ML4.6/13. MLV4.4/13. Mw(mb)4.1/7. Error ellipse: s-maj=0.0km s-min=0.0km az=112.2.

IDC 29 09:41:13.1.1.9.33'S.0.1x178.2W.0.3. h35km. n22. r1920/36. mb3.9/3. South of Kermadec Islands

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

JMA 29 09:50:52.0.1.31'78N.131'92E. h25km. 1km. M3.7 Broadband fault plane solution: P waves. NP1: q=251.00000. r15.00000. a112.00000. NP2: q=48.00000. r76.00000. a84.00000. Principal axes: T P1g58.0000. Azm311.0000. N P1g5.0000. Azm50.0000. P P1g31.0000. Azm143.0000.

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

Table with columns: JNU, Nakatsu, 1.66 327 P, Pb, 09 51 20.5 -0.5, etc.

IDC 29 09:54:50.6:6.8, 11.895:166.56E, h167km, 68km, mb3.4/6, mb1 3.6/7, mb1mx3.4/29, mbtmp3.8/7, Error ellipse: s-maj=51.0km s-min=30.4km az=157.0

ISC 29 09:54:49.0:1.1, 11.805:0.10:166.5E:0.3, h150km, n8, e147/10, mb3.5/6, Santa Cruz Islands

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

IDC 29 10:08:36.5:3.1, 36.53N:143.49E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.3/37, mbtmp3.3/4, ML2.4/1, MS3.0/1, Ms1 3.0/1, ms1mx2.4/28, Error ellipse: s-maj=85.5km, s-min=30.1km az=56.0

JMA 29 10:08:39.4:0.2, 37.07N:143.38E, h49km, M3.4

ISC 29 10:08:38.0:5.6, 37.07N:0.05:143.55E:0.08, h36km, 45km, n21, e158/34, mb3.4/3, Off east coast of Honshu

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

IDC 29 10:11:41.8:12.0, 4.33N:93.79E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/42, mbtmp3.5/3, MS3.6/1, Ms1 3.6/1, ms1mx2.7/42, Error ellipse: s-maj=557.2km s-min=28.9km az=57.0, Off west coast of northern Sumatera

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

IDC 29 10:26:48.9:3.2, 64.75N:31.16E, h0km, mb1 3.2/3, mb1mx2.9/40, mbtmp3.1/2, ML3.3/3, Error ellipse: s-maj=51.6km s-min=13.0km az=97.0

NAO 29 10:26:50.4:1.2, 64.81N:30.36E, ML2.5

BER 29 10:26:51.6:3.7, 64.80N:30.41E, h0km, ML2.5(NAO), Suspected explosion

UPP 29 10:27:04.7:3.0, 65.18N:28.16E, h0km, ML1.7, Suspected explosion

ISC 29 10:26:48.6:1.2, 64.78N:0.04:30.57E:0.08, h0km, n22, e157/32, Finland-Karelia border region

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

Table with columns: FIAO, FINES, HARU, ODEU, ARAO, ARAO, ARAO, ARAO, ARCES, ARCES, ARCES, RATU, SALU, NIKU, HFS, HFS, NOA

JMA 29 10:45:18.9, 39.64N:142.11E, h48km, 1km, M3.9

NIED 29 10:45:18.9, 39.64N:142.11E, h48km, MW3.8, Moment Tensor Solution, s3, Moment tensor: Scale 10^16 Nm

M3.14; M90.06; M90.32; M91.70; M90.66; M90.44; Fault plane solution: Ms5.76000x10^14 Np1.900000; 875.00000; 1.95.00000; NP2:95.182.00000; 3.18.00000; 1.74.00000

NEIC 29 10:45:20.7:2.6, 39.61N:0.06:142.01E:0.09, h68km, 8km, mb4.3/9, Error ellipse: s-maj=10.6km s-min=7.4km az=119.0

IDC 29 10:45:23.9:2.8, 39.58N:141.98E, h99km, 25km, mb3.6/12, mb1 3.7/15, mb1mx3.5/36, mbtmp3.9/15, MS2.4/1, Ms1 2.4/1, ms1mx2.1/48, Error ellipse: s-maj=22.8km s-min=14.8km az=92.0

ISC 29 10:45:18.9:0.9, 39.61N:0.03:142.07E:0.07, h47km, 7km, n61, e193/65, mb3.9/17, Near east coast of eastern Honshu

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

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

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KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

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KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

KSR5 Korea Arr 11.29 263 P, Pn, 10 48 02.8 +5.3

IDC 29 11:03:19.0:0.7, 41.82N:119.73W, h0km, mb3.6/3, mb1 3.7/10, mb1mx3.5/54, mbtmp3.4/10, ML3.3/6, MS3.5/11, Ms1 3.5/11, ms1mx3.3/39, Error ellipse: s-maj=12.6km s-min=8.7km az=21.0

SEA 29 11:03:19.7:3.4, 41.84N:0.04:119.61W:0.03, h0km, 6km, Error ellipse: s-maj=5.5km s-min=3.0km az=178.0

REN 29 11:03:19.4:4.1, 41.88N:0.04:119.62W:0.05, h0km, 6km, ML4.2/6, mb4.4/12(NEIC), ML4.3/9(SEA), ML3.8/9(NEIC), Mw4.3/10(NEIC), Error ellipse: s-maj=5.8km s-min=5.2km az=21.0

NEIC 29 11:03:20.7:41.93N:119.64W, h0km, Moment Tensor Solution, Moment tensor: Scale 10^15 Nm; Mr=1.09; Mw=1.11; Ms=2.07; Ms=1.54; Ms=0.43; Ms=2.70; Fault plane solution: Ms3.67000x10^15 Np1.92630000; 380.30000; 1.64.41000; NP2:95.182.00000; 3.18.00000; 1.74.00000; Principal axes: T 3.7478, Plg30.0000; Lambda96.0000; N -0.1639, Plg25.0000; Azm202.0000; P -3.5839, Plg49.0000; Azm324.0000

ANF 29 11:03:20.5:0.7, 41.86N:119.60W, h24km, 5km, ML4.2/23 Error ellipse: s-maj=4.7km s-min=2.2km az=104.0

NEIC 29 11:03:20.9:3.3, 41.86N:0.03:119.63W:0.05, h5km, 2km, Error ellipse: s-maj=5.2km s-min=3.5km az=0.0

ISC 29 11:03:20.3:1.2, 41.83N:0.03:119.63W:0.05, h5km, 9km, n199, e182/213, mb3.4/4.5, MS3.5/4, Nevada

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

KHMM	comp=E,146nm,2.1s	3.23 253	Pn	11 04 17.7	+2.9
KHMM	comp=N,239nm,1.8s		IAML	11 05 17.4	
I03D	Drain, OR	3.27 305	P	11 04 10.7	-1.5
I03D	baz=122		Sb	11 05 01.7	+2.8
H04A	baz=122	3.36 327	Pn	11 04 13.2	-0.3
H04A	comp=N,216nm,1.1s		IAML	11 05 16.7	
H04A	comp=E,223nm,1.0s	3.36 165	IAML	11 04 14.8	+1.2
RYN	comp=E,125nm,0.9s		Pn	11 05 12.4	
WAKR	Walker	3.38 177	Pn	11 04 16.1	+2.2
J01E	Myrtle Point	3.41 293	P	11 04 13.9	-0.2
BMO	Blue Mountains	3.42 29	Pn	11 04 16.1	+1.7
BMO	comp=E,231nm,1.0s		IAML	11 05 16.4	
KBO	Bosley Butte	3.42 277	Pn	11 04 14.9	+0.5
G08A	Pilot Rock	3.44 8	Pn	11 04 17.0	+2.3
G08A	comp=E,208nm,0.9s		IAML	11 05 10.1	
G08A	comp=N,122nm,0.9s		IAML	11 05 16.7	
JCC	Jacoby Creek	3.47 254	Pn	11 04 14.2	-0.7
JCC	comp=E,247nm,1.6s		IAML	11 05 24.4	
H04D	Lebanon	3.47 320	Pb	11 04 22.1	-0.1
H04D	baz=138		Sb	11 05 08.0	+3.3
KMRM	Mail Ridge	3.49 243	Pn	11 04 17.1	+1.8
ELK	Elko	3.51 107	Pn	11 04 16.5	+0.7
ELK	comp=N,6.9nm,0.3s,baz=304,slow=14,SNR=82		Pb	11 04 20.9	-2.1
ELK	comp=N,12nm,0.3s,baz=300,slow=14,SNR=37		Lg	11 05 06.3	
ELK	Elko	3.51 107	Pn	11 04 15.5	-0.2
ELK	comp=N,123nm,1.7s		IAML	11 05 14.2	
G05D	Wamic, OR	3.57 341	Pb	11 04 23.4	-0.6
G05D	baz=159		Sb	11 05 11.0	+3.4
NVAR	Mina Array Bay	3.60 163	Pn	11 04 17.6	+0.6
NVAR	comp=N,0.8nm,0.3s,baz=332,slow=12,SNR=32		Lg	11 05 15.4	
NVAR	comp=N,12nm,0.3s,baz=352,slow=27,SNR=5.0		LR	11 06 05.0	
NVAR	comp=N,972nm,18.6s,baz=341,slow=46		Pn	11 04 18.2	+1.3
NVAR	Edson Butte	3.61 287	Pn	11 04 18.8	+2.5
NV11	Mina Array Sit	3.63 161	IAML	11 05 25.3	
NV11	comp=E,97nm,2.2s		IAML	11 05 32.6	
LHV	Little Hutton	3.73 166	Pn	11 04 21.0	+2.5
LHV	comp=N,161nm,1.2s		IAML	11 05 33.2	
LHV	comp=E,189nm,1.2s		IAML	11 05 38.4	
I02D	Swissmore	3.80 307	Pb	11 04 25.5	-2.3
COR	Corvallis	3.80 317	Pb	11 04 30.9	+3.1
COR	comp=E,295nm,1.4s		IAML	11 05 45.7	
CMB	Columbia Colle	3.88 189	Pn	11 04 23.0	+2.3
CMB	comp=N,82nm,3.2s		IAML	11 05 26.8	
HOPS	Hopland Field	3.89 223	Pn	11 04 20.1	-0.7
HOPS	comp=N,85nm,2.0s		Pn	11 06 01.6	
GDXM	Geysers	3.90 219	Pn	11 04 19.8	-1.2
F05D	White Salmon	4.21 342	Sb	11 05 29.6	+3.7
TPH	Topopah	4.24 153	Pn	11 04 27.0	+1.3
TPH	comp=E,77nm,1.3s		IAML	11 05 51.6	
TPH	comp=N,92nm,0.9s		IAML	11 05 53.9	
G03D	McClintville, O	4.24 323	Pb	11 04 35.7	+0.4
G03D	baz=140		Pb	11 04 28.2	+2.0
MDPB	Devils Postpil	4.27 174	Pn	11 04 29.0	+2.5
OMMB	Old Mammoth Mi	4.29 173	Pn	11 04 29.1	+0.6
F10A	Beach Ranch, E	4.45 22	IAML	11 05 43.3	
HAWA	Hanford	4.51 1	Pn	11 04 29.6	+0.4
HAWA	comp=E,92nm,1.2s		IAML	11 06 06.2	
E08A	Dider Farm, El	4.63 5	Pn	11 04 31.6	+0.8
E08A	comp=N,65nm,1.7s		IAML	11 05 56.1	
E07A	Sunnyside	4.68 358	Pn	11 04 32.4	+0.8
E07A	comp=N,129nm,1.8s		IAML	11 06 04.7	
R11A	Troy Canyon, C	4.71 137	P	11 04 30.3	-1.8
R11A	comp=N,129nm,1.8s		IAML	11 05 54.9	
R11A	comp=N,56nm,1.9s		IAML	11 06 06.8	
E09A	Wood Farm, Sta	4.75 13	Pn	11 04 34.5	+1.9
E09A	comp=N,82nm,1.3s		IAML	11 06 02.6	
E09A	comp=N,130nm,1.8s		IAML	11 06 06.4	
SPR3	Spring Creek 3	4.97 124	Pn	11 04 38.1	+2.2
SPR3	comp=N,86nm,2.0s		IAML	11 06 08.3	
LN3	Longmire	5.11 343	Pn	11 04 39.9	+2.4
LN3	comp=N,82nm,2.8s		IAML	11 06 15.2	
LN3	comp=E,40nm,1.3s		IAML	11 06 17.6	
E04D	Cinebar	5.12 337	P	11 04 38.9	+1.3
HVU	Hansel Valley	5.14 89	Pn	11 04 40.3	+2.3
BCV1	Bear Canyon	5.17 60	Pn	11 04 38.6	+1.0
GRAC	Grapevine Rang	5.19 159	P	11 04 39.6	+1.0
D08A	Wollman Farm,	5.20 5	Pn	11 04 39.6	+0.9
D08A	comp=N,44nm,1.2s		IAML	11 06 25.6	
SPUT	South Promonto	5.43 94	Pn	11 04 42.9	+0.9
DUG	Dugway, Tooele	5.44 106	P	11 04 42.4	+0.3
DUG	baz=290		Pn	11 04 43.0	+0.9
E03A	Lebar	5.45 136	Pn	11 04 42.5	+0.5
PSUT	Pine Spring	5.55 125	Pn	11 04 45.4	+1.6
D05A	Enumclaw	5.56 343	Pn	11 04 45.3	+1.7
TPNV	Topopah Spring	5.58 151	Pn	11 04 45.3	+1.1
PRN	Topopah Spring	5.58 151	Pn	11 04 46.4	+2.2
PRN	Pahroc Range	5.71 140	Pn	11 04 48.0	+2.2
RATT	Rattlesnake La	5.75 345	Pn	11 04 46.7	+0.4
MCMT	McKenzie Canyo	5.76 57	Pn	11 04 47.4	+0.7
NLU	North Lily Mtn	6.05 106	P	11 04 52.4	+1.8
MPMC	Manual Prospec	6.05 163	P	11 04 52.2	+1.6
CTU	Camp Tracy	6.07 99	Pn	11 04 51.2	+0.4
D03D	Eldon	6.16 338	Pn	11 04 51.4	-0.5
DLMT	Dillon	6.19 53	Pn	11 04 53.0	+0.6
TCUT	Toone Canyon	6.23 94	Pn	11 04 53.5	+0.3
ISA	Isabella, Lake	6.28 171	Pn	11 04 50.9	-2.7
JLU	Jordanella	6.31 99	Pn	11 04 55.5	+1.2
MPU	Maple Canyon	6.35 104	Pn	11 04 55.9	+1.1
B013	Quilcene	6.37 340	Pn	11 04 54.7	0.0
B013	Quilcene	6.37 340	Pn	11 04 54.7	0.0
SHPR	Sheep Range	6.40 146	Pn	11 04 56.1	+0.7

TCRU	Three Creeks R	6.41 118	Pn	11 04 56.0	+0.5
MSO	Missoula	6.42 38	P	11 04 56.1	+0.6
MSO	Missoula	6.42 38	Pn	11 04 56.5	+1.0
CCUT	Cedar City	6.49 100	Pn	11 04 57.7	+2.0
LRM	Limekiln Ridge	6.52 50	Pn	11 04 57.1	+0.1
B05A	Bryant	6.61 346	P	11 04 59.6	+1.6
BAZ=164					
MVU	Marvayale	6.62 118	Pn	11 04 59.0	+0.6
ZSCU	Shurtz Canyon	6.62 128	Pn	11 05 00.2	+1.7
NEW	Newport	6.83 15	Pn	11 05 02.7	+4.4
NEW	comp=N,0.1nm,0.3s,baz=190,slow=9.8,SNR=3.8		Lg	11 06 46.8	
NEW	comp=N,0.9nm,0.3s,baz=282,slow=20,SNR=3.7		Lg	11 06 56.0	
NEW	Newport	6.83 118	Pn	11 04 58.6	+0.2
MSU	Marvayale	6.83 118	Pn	11 04 59.7	+1.1
YHL	Hebgen Lake	6.84 61	Pn	11 05 02.8	+1.2
LOHW	Long Hollow	6.88 72	Pn	11 05 02.9	+0.9
BOZ	Bozeman (W)	6.89 55	Pn	11 05 01.9	-0.2
BOZ	Bozeman (W)	6.89 55	Pn	11 05 00.9	-1.2
MTPU	Mount Pierson	6.90 121	Pn	11 05 02.8	+0.4
FLWY	Flagg Ranch	6.92 68	Pn	11 05 02.1	-0.5
TMUT	Trail Mountain	6.92 109	Pn	11 05 02.6	-0.1
LCMT	Little Creek M	6.94 132	Pn	11 05 00.8	-2.0
JTMT	Jettie	6.95 93	Pn	11 05 04.3	+0.9
H17A	Grant Village	7.09 66	Pb	11 05 23.2	-0.9
KNB	Kanab	7.17 130	Pn	11 05 07.6	+1.6
P17A	Butcher Ranch,	7.18 107	Pn	11 05 04.6	-1.6
PKCU	Pike Canyon	7.19 126	Pn	11 05 05.0	+1.0
SRU	San Rafael Swe	7.48 109	Pn	11 05 11.9	+1.6
BW06	Boulder Array	7.53 80	P	11 05 13.2	+2.3
BW06	Boulder Array	7.53 80	Pn	11 05 09.9	-1.0
PD31	Piedale Array	7.53 80	Pn	11 05 10.6	-0.5
PDAR	Pinedale Array	7.53 80	Pn	11 05 15.2	+4.3
PDAR	comp=N,1.1nm,1.0s,baz=259,slow=13,SNR=17		LR	11 08 55.0	
PDAR	comp=N,11.0nm,19.0s,baz=274,slow=44		LR	11 08 55.0	
PDAR	Pinedale Array	7.53 80	Pn	11 05 10.3	-0.7
YNE	Yellowstone No	7.68 63	Pn	11 05 12.1	-0.9
U15A	North Rim	7.89 131	Pn	11 05 16.9	+1.0
GCMT	Greycliff	8.20 58	Pn	11 05 17.3	-2.7
PFO	Pinyon Flats O	8.63 162	LR	11 08 49.5	
Q20A	White River Cr	8.80 98	Pn	11 05 26.4	-1.9
PV23	Carpenter Ridg	8.83 109	Pn	11 05 28.5	-0.4
PV04	Paradox Valley	8.93 109	Pn	11 05 30.3	+0.1
PV17	East Wray Mesa	8.95 110	Pn	11 05 30.3	-0.1
PV12	Saucer Basin,	9.04 114	Pn	11 05 33.5	+1.8
PV01	Paradox Valley	9.29 110	Pn	11 05 35.8	+0.6
RWWY	Rawlins	9.29 87	Pn	11 05 35.8	+0.6
K22A	Casper	9.76 81	Pn	11 05 42.1	+0.6
MVCO	Mesa Verde	9.79 115	Pn	11 05 42.6	+0.7
SMCO	Snowmass	10.02 101	Pn	11 05 44.4	-0.9
PHWY	Pilot Hill	10.65 98	Pn	11 05 54.8	+1.0
BBB	Bella Bella	11.00 334	LR	11 10 47.2	
ANMO	Albuquerque	12.44 120	Pn	11 06 21.3	+3.1
ANMO	comp=N,0.0nm,0.3s,baz=131,slow=38		Pn	11 07 11.3	+0.5
R32A	Long Quarter	16.31 95	Pn	11 07 29.1	+0.6
KAN13	South Haven SW	17.79 99	Pn	11 07 29.1	+0.6
DLBC	Dease Lake	17.82 342	LR	11 15 13.9	
TX31	Lajitas Ar. Si	18.01 129	P	11 07 33.5	+1.6
TX31	comp=N,267nm,18.1s,baz=120,slow=40		Iamb	11 07 40.2	
TX32	Lajitas Array	18.01 129	P	11 07 31.6	+0.2
TXAR	Lajitas Array	18.01 129	P	11 07 32.7	+0.7
TXAR	comp=N,0.0nm,0.3s,baz=331,slow=5.2,SNR=1.9		Pn	11 15 30.3	
TXAR	comp=N,118nm,20.9s,baz=0,slow=41		Pn	11 07 31.0	-0.4
ULM	Lajitas Array	18.01 129	P	11 07 36.3	+0.1
ULM	Lac du Bonnet	18.44 55	P	11 07 36.3	+0.1
LP1G	La Paz Array	19.15 153	LR	11 15 18.1	
LP1G	comp=N,90nm,20.9s,baz=28,slow=37		Pn	11 07 52.1	+0.2
N38A	Joes South For	19.84 84	P	11 07 52.7	
N38A	comp=N,2.1nm,1.0s		Iamb	11 08 06.3	
S39A	Bolivar	20.63 93	P	11 08 06.3	
S39A	comp=N,2.1nm,1.3s		Iamb	11 08 06.3	
YKA	Yellowknife Ar	20.86 7	P	11 08 02.6	-0.1
YKA	comp=N,1.4nm,0.9s,baz=153,slow=10,SNR=19		Pn	11 08 02.8	-1.9
P40A	Paris	21.02 87	P	11 08 11.9	
P40A	comp=N,14nm,0.7s		Iamb	11 08 09.0	+0.3
237A	Washetta, Mont	21.39 110	P	11 08 13.2	
237A	comp=N,2.1nm,1.1s		Iamb	11 08 09.0	+0.3
HKT	Hockley	22.59 114	P	11 08 20.9	-0.6
W45A	Hickory Valley	24.68 96	P	11 08 43.9	+1.8
OXF	Oxford	24.79 97	P	11 08 40.7	-2.3
KDKA	Kodiak Island	26.19 139	LR	11 18 32.3	
Z47A	Carrollton	26.38 99	P	11 08 58.5	+1.1
INK	Inuvik	27.51 349	P	11 09 07.1	-0.1
INK	comp=N,1.9nm,1.1s,baz=125,slow=6.1,SNR=3.0		LR	11 21 47.3	
ILAR	Eielson Array	27.69 335	P	11 09 09.0	0.0
ILAR	comp=N,0.8nm,0.7s,baz=158,slow=9.4,SNR=7.6		Pn	11 20 41.2	
TKL	Tuckaeches C	28.22 80	P	11 09 09.0	0.0
TKL	comp=N,65nm,18.6s,baz=320,slow=36		LR	11 20 53.4	
SADO	Sadowa	29.39 70	LR	11 20 53.4	
SADO	comp=N,107nm,19.4s,baz=349,slow=36		LR	11 20 53.4	
HHC	Hu-ho-hao-te	85.50 324	eP	11 15 57.5	-1.8
HHC	comp=N,2.7nm,0.9s		pmax	11 15 57.5	-1.8
HHC	comp=N,2.40nm,8.3s		pmax	11 16 25.8	-0.7
WMQ	Ururumi	91.22 341	eP	11 16 25.8	-0.7

SOMM	comp=N,0.5nm,1.0s,baz=290,slow=7.2,SNR=3.2		Pn	11 04 12.8	+0.1
SOMM	Songino Array	55.02 2	P	11 14 12.8	

Table of astronomical observations for 2015 JAN, including stations like KLMR, NRIK, FRB, KIRV, etc., with columns for station name, time, and other parameters.

Main table of astronomical observations for 2015 JAN, including station names, times, and coordinates. Includes a section for 'Eastern Kazakhstan'.

Table of astronomical observations for 29d 12h, including stations like SPUT, U15A, etc., with columns for station name, time, and other parameters.

29d 16h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matsushiro, BILBINO Bilibino, KUROKA Kuroka, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DANN Dangising, GUN Gumba, etc.

2015 JAN

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SMLA, DHRM DHARAMSHILA, BHPH Bhopal, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, etc.

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

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Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

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

29d 20h

2015 JAN

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mb1 4.6/5, mb1mx4, 1/32, mbtmp4, 4/5, ML4, 1/2, MS3, 6/7, Ms1 3/7, ms1mx3, 3/38, Error ellipse: s-maj=41.5km s-min=24.8km az=136.0

NEIC 29:20:15:20.2, 0.32, 89S:0'06:178.5W:0'2, h10km, 1km, mb4.5/14, Error ellipse: s-maj=28.4km s-min=5.3km az=109.0

ISC 29:20:15:20.7, 0.7, 33.28S:0'09:178.5W:0'1, h10km, n52, r156/49, mb4.5/MS3.4/5, South of Kermadec Islands

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

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

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

IDC 29:20:21:37.3, 1.0, 37.29N:97.89W, h0km, mb3.1/1, mb1 3.7/6, mb1mx3, 5/43, mbtmp3, 4/6, ML3, 4/5, Error ellipse: s-maj=12.7km s-min=12.0km az=149.0

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

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

LDG 29:20:21:14.4, 0.1, 46.89N:0'74W, h2km, Md3, 4/2, M3, 6/41, Error ellipse: s-maj=1.1km s-min=0.9km az=56.0

STR 29:20:21:15.9, 0.2, 47.2N:2'1, h5km, MLV3, 3/7, MLV3, 5/10, smi:scs/0.6/LOCSAT earthModelID

BGS 29:20:21:15.5, 0.9, 46.90N:0'46W, h4km, ML3, 4, ML3, 4

ISC 29:20:21:12.6, 1.0, 46.88N:0'01:0'69W:0'02, h15km, gkm, n95, r1928/17, France

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like N35A Tabor, U40A Yellville, and various other local stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WVT Waverly, JFWS Jewell Farm, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TXAR Lajitas Array, TX31 Lajitas Ar. Si, and various other stations.

NEIC 29 20:44.42.1, 1.0, 36.93N, 104.97.62W, 0.03, h4km, 7km, Error ellipse: s-maj=6.0km s-min=0.7km az=214.0

TUL 29 20:44.42.2, 1.1, 36.95N, 104.97.63W, 0.03, h6km, 6km, M3.3, mb, Lg, 3.97(NEIC), Error ellipse: s-maj=5.9km s-min=1.9km az=213.0

ANF 29 20:44.43.2, 1.2, 36.89N, 97.62W, h2km, 7km, ML4, 1/11, Error ellipse: s-maj=3.7km s-min=3.2km az=68.0

ISC 29 20:44.42.5, 1.0, 36.91N, 102.97.64W, 0.02, h6km, 10km, n90, +1967/1, Oklahoma

KRSC 29 20:37:06.5, 1.6, 49.32N, 157.03E, h14km, 30km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, and others.

IDC 29 20:40:45.4, 1.7, 11.68N, 85.92W, h0km, mb3, 7/6, mb1, 4, 1/7, mb1mx3, 8/34, mbtrp3, 8/7, ML3, 9/1, MS3, 1/1, Ms1, 3/1, ms1mx2, 6/40, Error ellipse: s-maj=67.3km s-min=35.5km az=47.0

UCR 29 20:40:50.2, 2.0, 81N, 86.71W, h10km, MW4, mb4, 3(NEIC)

NEIC 29 20:40:50.8, 1.2, 11.07N, 10.86, 69W, 0.10, h47km, 12km, mb4, 3/9, Error ellipse: s-maj=17.4km s-min=9.4km az=222.0

INET 29 20:40:52.8, 11.27N, 86.80W, h2km, MW3, 7

ISC 29 20:40:49.0, 0.7, 11.11N, 10.07, 86.85W, 0.06, h30km, n47, +6144/48, mb4, 1/11, Near coast of Nicaragua

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like MASN Masaya, HZTE Horizontes, Gu, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABKAR, AB06, TIKI, etc.

REY 29 21:22:16.1, 64.66N: 17.38W, h1km
NEIC 29 21:22:16.8, 2.1, 64.60N: 0.09: 17.6W: 0.1, h7km, 5km, mb4.3/22, Error ellipse: s-maj=13.5km s-min=7.1km az=176.0

IDC 29 21:22:17.6, 0.6, 64.61N: 17.51W, h0km, mb3.7/17, mb1.4/0.20, mb1mx3.8/47, mbtmp3.8/20, ML2.52, MS3.6/5, Ms1.3/6, ms1mx3.2/41, Error ellipse: s-maj=21.2km s-min=9.1km az=11.0

ISC 29 21:22:17.8, 0.4, 64.67N: 0.02: 17.40W: 0.03, h10km, n104, c1966/111, mb3.9/27, MS3.6/3, 1C, Iceland

Main station list table for the first section, including stations like IDYN, IDYV, IDJK, etc.

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

ANF 29 21:27:32.5, 0.4, 38.13N: 81.97W, h0km, ML2.5/9, ML2.3/8, Error ellipse: s-maj=4.7km s-min=2.8km az=131.0, West

ANF 29 21:27:43.2, 0.9, 39.21N: 82.42W, h11km, 4km, Error ellipse: s-maj=4.8km s-min=4.4km az=41.0, Ohio

ANF 29 21:27:43.2, 0.9, 39.21N: 82.42W, h11km, 4km, Error ellipse: s-maj=4.8km s-min=4.4km az=41.0, Ohio

Main station list table for the second section, including stations like S54A, R54A, Q53A, etc.

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

IDC 29 21:43:37.0, 1.0, 8.89S: 157.95E, h0km, mb3.9/9, mb1.4/2.41, mb1mx4.0/31, mbtmp4.0/11, ML4.0/2, MS3.2/3, Ms1.3/3, ms1mx2.9/41, Error ellipse: s-maj=27.3km s-min=21.2km az=150.0

NEIC 29 21:38:48.3, 1.6, 8.9S: 0.1: 158.0E: 0.1, h11km, 5km, mb4.4/12, Error ellipse: s-maj=19.8km s-min=11.0km az=218.0

ISC 29 21:38:50.5, 0.6, 8.9S: 0.1: 157.94E: 0.07, h23km, n31, c098/28, mb4.2/16, Bougainville-Solomon Islands region

Main station list table for the third section, including stations like HNR, HNR, HNR, etc.

IDC 29 21:43:37.0, 1.0, 8.89S: 157.95E, h0km, mb3.9/9, mb1.3/9.9, mb1mx3.7/41, mbtmp3.7/9, Error ellipse: s-maj=32.3km s-min=23.7km az=86.0

ISC 29 21:43:40.4, 1.1, 17.7N: 0.2: 148.0E: 0.2, h21km, n9, c066/9, mb3.6/9, Mariana Islands region

Main station list table for the fourth section, including stations like KRSR, WRA, ASAR, etc.

REY 29 21:45:17.5, 64.62N: 17.43W, h0km
IDC 29 21:45:19.4, 0.8, 64.35N: 17.97W, h0km, mb3.7/9, mb1.4/0.11, mb1mx3.7/39, mbtmp3.7/11, ML3.4/2, MS3.7/9, Ms1.3/7.9, ms1mx3.3/48, Error ellipse: s-maj=30.2km s-min=10.9km az=25.0

NEIC 29 21:45:20.2, 1.7, 64.36N: 0.10: 17.7W: 0.2, h6km, 1km, mb4.4/48, Error ellipse: s-maj=14.5km s-min=9.5km az=199.0

ISC 29 21:45:20.1, 0.9, 64.48N: 0.04: 17.56W: 0.03, h7km, 6km, n8, c192/86, mb4.3/29, MS3.7/7, Iceland

Main station list table for the fifth section, including stations like P52A, O53A, R54A, etc.

2015 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHS Saityo, USA0B Ussuriysk Arra, USRK Ussuriysk Ar., etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, KOPT Kop Daggi, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, SOMN Songoing Array, SOMM Songoing Array, etc.

NEIC 29 22:32:16.9,2.5,16.6S;0.2:15.6W;0.1,1h10km,1km, mb4.9/20, Error ellipse: s-maj=30.0km s-min=16.9km az=160.0

IDC 29 22:32:16.9,5.1,16.6S;15.58W,hokm,mb4.1/5, mb1.4/1.5,mb1mx3.1/2.6,mbtpm4.1/5,MS3.5/3, Ms1.3.5/4,ms1mx3.1/2.6, Error ellipse: s-maj=224.7km s-min=104.5km az=115.0

ISC 29 22:32:15.6,1.0,16.8S;0.2:15.7W;0.1,1h10km,n36, c170/28,mb4.8/14,MS3.4/3,Southern Mid-Atlantic Ridge

MEX 29 23:11:05.2,0.7,14.42N;92.97W,h16km,45km,MD4.1, Near coast of Chiapas

IDC 29 23:50:46.9,0.7,57.93S;25.59W,hokm,mb4.5/6, mb1.4.5/7,mb1mx4.2/2.5,mbtpm4.4/7,ML4.5/1,MS3.5/4, Ms1.3.5/4,ms1mx3.2/2.3, Error ellipse: s-maj=30.8km s-min=22.4km az=82.0

NEIC 29 23:50:55.4,1.1,58.0S;0.1:25.7W;0.2,h65km,6km, mb4.7/32, Error ellipse: s-maj=18.9km s-min=14.4km az=223.0

ISC 29 23:50:53.7,0.5,57.93S;0.09:25.7W;0.1,h49km,n65, c063/53,mb4.6/20,MS3.7/3, South Sandwich Islands region

IDC 29 23:52:54.0,8.5,53.75S;152.31W,hokm,mb3.6/2, mb1.3.9/2,mb1mx3.7/30,mbtpm3.6/2, Error ellipse: s-maj=712.9km s-min=90.7km az=165.0, South Pacific Ocean

NEIC 29 23:56:08.7,2.1,17.10N;10.94:54W;0.08,h143km,4km, Error ellipse: s-maj=13.9km s-min=11.0km az=162.0

MEX 29 23:56:09.8,0.6,17.17N;9.4:54W,h142km,5km,MD4.0, ISC 29 23:56:07.0,6.8,17.09N;10.07:94.52W;0.06,h144km,7km, n26,c1504/36,mb4.2/4,Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR 7.8, H10S3 ASCENSION HYDR 7.84, H10N1 ASCENSION HYDR 8.95, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDFB Brasilia, BOSA Boshof, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSUT Pine Spring, J4TA Sunner, CUPR Culebra, Puert, 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 Fort de Pagny, Herceg Novi, Waferdange, 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 Rostrenen, Kongsberg, Eskdalemur, 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 TACO, Tacachico, PMON, etc.

MEX 30 01:26:05.3-0.7, 13:61N-92:60W, h8km, 64km, MD4.2
NEIC 30 01:26:07.3-2.1, 13:84N-100:07:52W-0.07, h16km, 3km,
mb4.5/169, MD4.2/16(MEX), Error ellipse: s-maj=11.0km
s-min=7.6km az=220.0
GCG 30 01:26:08.6-1.9, 13:77N-92:61W, h34km, 999km, MD4.4
IDC 30 01:26:09.6-2.4, 14:10N-92:12W, h33km, 45km, mb4.2/16,
mb1.4/14, mb1mx1.4/1, mb1mp4.3/14, ML3.8/2, MS3.8/2,
ms1 3.9/6, ms1mx3.5/25, Error ellipse: s-maj=35.2km
s-min=15.5km az=44.0
UCR 30 01:26:10.7-0.7, 13:79N-92:21W, h18km, 9km, ML3.3,
mb4.5/NEIC)
SNET 30 01:26:10.5-0.8, 13:78N-92:21W, h17km, 12km, ML3.5
ISC 30 01:26:07.9-1.9, 13:81N-100:06:92.51W-0.05, h27km, 12km,
n297, s193/262, mb4.5/73, MS3.8/5, Off coast of Chiapas

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 RTAL, Retalhuleu, THIG, etc.

30d 1h

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like 121A, 121B, 319A, etc.

2015 JAN

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like RSSD Black Hills, GR1A Troy Canyon, etc.

1386

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like NEA2 Nenana, MLY Manley, etc.

UDC 30 01:28:45.8, 0.8, 21.98S:68.53W, h91km, 10km, mb3.6/4, m1 3.8/6, mb1mx3.5/31, mbtm3.9/6, Error ellipse: s-maj=35.3km s-min=21.7km az=122.0

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like IPOC Station P, Limon Verde, etc.

KRNET 30 01:49:39.5, 0.1, 39.06N:77.22E, mb4.4, IDC 30 01:49:42.8, 2.4, 39.45N:76.77E, h0km, mb3.2/2, m1 3.4/7, mb1mx3.2/58, mbtm3.4/7, ML3.1/5, Error ellipse: s-maj=32.1km s-min=23.4km az=38.0

SOME 30 01:49:43.2, 39.57N:76.88E, h0km, BUJ 30 01:49:45.4, 0.0, 39.57N:76.96E, h5km, mb3.8/5, ML3.9/8, NNC 30 01:49:46.9, 0.7, 39.65N:76.94E, h0km, mb4.5, mpv4.3, Error ellipse: s-maj=4.9km s-min=3.6km az=154.0

ISC 30 01:49:49.3, 1.0, 39.71N:105.7699E, 0.03, h10km, n109, r193/147, 56C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KSH Kashi, KSH Kashi, etc.

Table with columns: UCH, Uchtor, 3.14 324, Pn, 01 50 40.3 +1.0, etc. Lists various stations and their coordinates.

Table with columns: KURS, SHLS, SHLS, SHLS, etc. Lists various stations and their coordinates.

Table with columns: MK31, MK31, MKAR, THW, SMLA, SMLA, SMLA, etc. Lists various stations and their coordinates.

30d 3h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like BTKR Batakoyurt, KVAR Kislovodsk Arr, KIV Kislovodsk, etc.

2015 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like URKR Urkarakh, YEDI Yedisu-Bingol, KELIT Kelikit, etc.

1388

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like JAY Jayapura, WRA Warramunga Arr, ZALV Zalesovo Beam, etc.

1393

Table with columns: NEW, Newport, 53.84 56 LR, 05 02 17.3, etc. Includes stations like NEW, PAYA, J04D, SGDS, DAG, etc.

2015 JAN

Table with columns: FFC, Flin Flon, 57.30 42 P, 04 20 21.3 +1.4, etc. Includes stations like KKN, PKI, PKIN, SANI, IUG, etc.

30d 4h

Table with columns: SFJD, Kangerlussuaq, 62.16 12 P, 04 40 53.8 +0.7, etc. Includes stations like SFJD, SFJD, SFJD, SHOC, GSC, etc.

BANOM	Banah	76.98 295 P	P	04 42 24.7 -0.4
WET	Wetzell	76.98 336 eP	P	04 42 26.4 +1.6
GEC2	GERESS Array S	77.04 336 IAMB	IAMB	04 42 27.1 +0.0
GEC2B	GERESS Array B	77.04 336 P	P	04 42 25.4 +0.3
GERES	GERESS Array B	77.04 336 P	P	04 42 24.6 -0.5
GERES	GERESS Array B	77.04 336 P	P	05 20 47.3
GERES	GERESS Array B	77.04 336 P	P	04 42 24.5 -0.6
TNS	Taurus Mts	77.07 340 eP	P	04 42 27.1 +1.8
AHRW	Bad Neuenahr-A	77.08 341 eP	P	04 42 26.9 +1.7
H60A	Morristown	77.09 34 P	P	04 42 25.7 +0.2
BE6N	Eben Emael	77.13 341 dP	P	04 42 26.9 +1.4
E64A	Bridgewater	77.14 30 P	P	04 42 25.7 0.0
J58A	Reimsen	77.16 36 P	P	04 42 26.0 +0.2
MEM	Membach	77.24 341 dP	P	04 42 25.6 -0.4
N54A	Moraine State	77.27 40 P	P	04 42 27.0 +0.6
CONA	Conrad Observa	77.27 334 iP	P	04 42 28.3 +1.0
T47A	Sharon Grove	77.29 47 IAMB	IAMB	04 42 29.1
G62A	West of Eustis	77.29 32 P	P	04 42 27.0 +0.5
G62A	West of Eustis	77.29 32 IAMB	IAMB	04 42 29.2
SOP	Sopora	77.29 333 eP	P	04 42 29.2 +2.8
L56A	Greenwood	77.30 38 P	P	04 42 26.7 +0.1
I59A	Olmsteadville	77.32 35 P	P	04 42 26.5 -0.2
O53A	New Philadelph	77.34 42 P	P	04 42 27.0 +0.2
F63A	Nahmakanta, Br	77.36 31 P	P	04 42 26.9 0.0
BSTI	Sant Tilman	77.36 341 dP	P	04 42 27.7 +1.0
GZR	Gura Zlata	77.36 329 iP	P	04 42 27.0 +0.1
J59A	Piesco	77.36 35 P	P	04 42 27.0 0.0
Q51A	Peebles	77.39 44 P	P	04 42 27.9 +0.6
Q51A	Peebles	77.39 44 IAMB	IAMB	04 42 43.8
H61A	Lyndonville	77.40 33 P	P	04 42 27.9 +0.8
UCC	Uccle	77.40 342 P	P	04 42 27.6 +0.6
UCC	Uccle	77.40 342 P	P	04 42 27.6 +0.6
UCC	Uccle	77.40 342 P	P	04 42 27.6 +0.6
P52A	Corning	77.44 42 P	P	04 42 27.6 +0.2
MDH	Madha	77.44 294 iP	P	04 42 27.8 +0.1
MDH	Madha	77.44 294 P	P	04 42 28.1 +0.4
MDH	Madha	77.44 294 P	P	04 42 28.8 +1.4
MDH	Madha	77.44 294 P	P	04 42 27.7 -0.3
PLHL	Magyarpolny	77.46 333 eP	P	04 42 28.1 +1.4
F64A	Sherman	77.47 30 P	P	04 42 27.1 -0.3
MASF	Masafi	77.47 294 P	P	04 42 27.5 -0.4
BHOU	Houvegnez	77.48 341 dP	P	04 42 28.9 +1.4
BHOU	Houvegnez	77.48 341 dP	P	04 42 36.9 -0.8
MSFE	Esma-Masafi	77.48 294 iP	P	04 42 27.7 -0.3
I60A	Shoreham	77.49 34 P	P	04 42 26.9 -0.7
NATX	Nacogdoches	77.53 56 P	P	04 42 29.1 +1.0
BZS	Buzias	77.55 329 iP	P	04 42 28.3 +0.3
GCLA	Clavier	77.57 42 dP	P	04 42 27.1 -0.8
WSAR	Wadi Sarin	77.58 291 P	P	04 42 28.8 +0.3
M56A	Emporium	77.59 39 P	P	04 42 28.5 +0.3
COPA	Copaanca	77.59 326 iP	P	04 42 28.1 -0.1
WVT	Waverly	77.62 48 P	P	04 42 29.2 +0.8
H62A	Milan	77.64 33 P	P	04 42 28.7 +0.2
H62A	Milan	77.64 33 IAMB	IAMB	04 42 43.0
BGES	Geesves	77.64 342 dP	P	04 42 29.6 +1.3
BGES	Geesves	77.64 342 dP	P	04 42 38.4 0.0
LBHN	Lisbon	77.65 33 P	P	04 42 28.8 +0.2
UMQ	Umm Al-Quwin	77.65 295 iP	P	04 42 29.3 +0.5
UMQ	Umm Al-Quwin	77.65 295 P	P	04 42 29.7 +0.9
BIDO	Bidbid	77.67 292 P	P	04 42 29.9 +0.9
PKMF	Peaks-Kenny Pk	77.68 31 P	P	04 42 29.1 +0.4
SNKE	Senefee	77.69 342 dP	P	04 42 29.7 +1.1
L57A	Andrews Acres	77.69 38 P	P	04 42 29.3 +0.5
G63A	Kingsbury	77.70 31 P	P	04 42 28.8 +0.1
UOSS	Minazif	77.77 294 P	P	04 42 28.1 -0.4
UOSS	Minazif	77.77 294 P	P	04 42 28.8 -0.7
BMRD	Maredsous	77.79 342 dP	P	04 42 30.2 +1.0
MOA	Molin	77.79 335 P	P	04 42 30.8 +1.5
I61A	Oroboro, Fairl	77.81 34 P	P	04 42 29.8 +0.4
K59A	Cooperstown	77.82 36 P	P	04 42 29.8 +0.3
WBK	Wadi Bani Khal	77.84 290 P	P	04 42 31.2 +1.3
G64A	SNR=4	77.87 31 P	P	04 42 29.9 +0.2
BINY	Binghamton	77.87 37 P	P	04 42 29.9 +0.1
HATD	Hatta, Dubai	77.90 294 iP	P	04 42 29.9 -0.3
HATD	Hatta, Dubai	77.90 294 P	P	04 42 30.1 -0.2
JLN	Jalan Bani Buh	77.91 290 P	P	04 42 31.1 +0.8
HERR	Herculane	77.93 328 iP	P	04 42 30.1 0.0
H63A	New Sharon	77.95 32 P	P	04 42 30.5 +0.3
J60A	Lant Hill Farm	77.96 35 P	P	04 42 30.4 +0.2
BR131	Keskin Array S	77.96 318 dP	P	04 42 30.5 0.0
BRTR	Keskin Array B	77.96 318 P	P	04 42 30.6 +0.1
BRTR	Keskin Array B	77.96 318 P	P	05 19 50.2
BRTR	Keskin Array B	77.96 318 P	P	04 42 30.1 -0.4
MORH	Mirgy, Hungar	77.98 332 eP	P	04 42 28.8 -1.5
MORH	Mirgy, Hungar	77.98 332 eP	P	04 42 29.5 -0.8
ARSA	Arzberg	77.98 332 iP	P	04 42 32.0 +1.7
N56A	West Decatur	77.98 334 P	P	04 42 30.7 0.0
DOU	Dourbes	78.02 342 dP	P	04 42 30.0 -0.4
DOU	Dourbes	78.02 342 dP	P	04 42 30.0 -0.7
DOU	Dourbes	78.02 342 dP	P	04 42 41.5 -1.7
ASHO	Ashiyah	78.05 294 P	P	04 42 30.7 -0.4
ASHO	Ashiyah	78.05 294 P	P	04 42 31.0 -0.1
L58A	Harry Jones Me	78.05 37 P	P	04 42 30.8 0.0
NAZ	Nazwa, Dubai	78.06 294 iP	P	04 42 30.9 -0.1
NAZ	Nazwa, Dubai	78.06 294 P	P	04 42 31.1 0.0
SMDO	Samad	78.06 291 P	P	04 42 31.8 +0.5
WLF	Walferdange	78.10 341 dP	P	04 42 30.4 -0.5
HOQ	Hoqain	78.12 292 P	P	04 42 31.5 0.0
M57A	Sunshine Farm,	78.14 38 P	P	04 42 31.4 +0.1

SOHO	SOHO	78.18 293 iP	P	04 42 31.6 -0.1
J61A	Chester	78.19 34 P	P	04 42 32.5 +1.0
L59A	Walton	78.25 36 P	P	04 42 32.2 +0.3
STU	Stuttgart	78.25 339 IAMB	IAMB	04 42 33.9
H64A	Troy	78.25 31 P	P	04 42 32.2 +0.4
MDVR	Moldovino	78.26 329 iP	P	04 42 31.4 -0.5
PUNG	Punghina	78.28 328 iP	P	04 42 31.6 -0.4
FAQ	Al Faqa, Dubai	78.28 294 iP	P	04 42 31.6 -0.7
FAQ	Al Faqa, Dubai	78.28 294 P	P	04 42 31.6 -0.7
HKT	Hockley	78.28 58 iP	P	04 42 32.0 -0.2
HKT	Hockley	78.28 58 iP	P	04 42 32.0 -0.2
I63A	Ostfield	78.29 33 P	P	04 42 32.2 +0.1
RJOB	Joehberg	78.30 336 eP	P	04 42 33.3 +1.2
U49A	Red Boiling Sp	78.30 47 IAMB	IAMB	04 42 34.5
G65A	Princeton	78.31 30 P	P	04 42 31.9 -0.3
T50A	Nancy	78.34 46 IAMB	IAMB	04 42 34.1
Q53A	Leroy	78.34 43 P	P	04 42 33.1 +0.6
CLTN	Cedars of Leba	78.38 47 IAMB	IAMB	04 42 35.5
M58A	Price's Panora	78.38 38 P	P	04 42 33.1 +0.5
MCWV	Wichitea	78.41 41 P	P	04 42 33.6 +0.7
O56A	Blue Knob Stat	78.45 40 P	P	04 42 33.5 +0.0
PLVB	Pleasant	78.46 326 iP	P	04 42 33.1 +0.1
N57A	Milroy	78.46 39 P	P	04 42 33.7 +0.6
K61A	Williamstown	78.51 35 P	P	04 42 33.3 -0.1
ASUD	Al Ashush, Dub	78.53 294 iP	P	04 42 33.5 -0.2
ASUD	Al Ashush, Dub	78.53 294 P	P	04 42 34.1 +0.5
H65A	Eastbrook	78.53 31 P	P	04 42 33.7 +0.3
JMDO	Jabal Madar	78.55 291 P	P	04 42 33.8 0.0
FRGS	Fruska Gora	78.55 330 eP	P	04 42 33.7 +0.2
SOKA	Soboth	78.64 334 iP	P	04 42 34.7 +0.6
ALNE	Al Ain	78.70 294 iP	P	04 42 35.2 +0.5
ALNE	Al Ain	78.70 294 P	P	04 42 34.5 -0.1
N58A	Sunbury	78.73 38 P	P	04 42 35.3 +0.8
L60A	Shokan	78.73 36 P	P	04 42 34.7 +0.1
I64A	Boothbay	78.74 32 P	P	04 42 34.5 0.0
KBA	Koelnbreinspre	78.75 335 iP	P	04 42 36.0 +1.2
H66A	Whing	78.76 30 P	P	04 42 34.8 +0.2
EMMW	East Machias	78.78 30 P	P	04 42 36.0 +1.3
AJN	Ajban	78.78 295 iP	P	04 42 35.5 +0.4
AJN	Ajban	78.78 295 P	P	04 42 34.9 -0.1
ARQ	Araji	78.78 293 P	P	04 42 35.5 +0.3
J63A	Strord	78.79 33 P	P	04 42 35.4 +0.6
L61A	Hillsdale 1, H	78.81 35 P	P	04 42 35.4 +0.4
BSY	Bisyay	78.82 292 P	P	04 42 35.7 +0.4
BFO	Black Forest	78.87 339 P	P	04 42 35.2 0.0
BFO	Black Forest	78.87 339 P	P	04 42 35.2 0.0
BFO	Black Forest	78.87 339 P	P	04 42 36.8 +1.5
BFO	Black Forest	78.87 339 eP	P	04 42 35.8 +0.4
O57A	Ambersson	78.88 39 P	P	04 42 35.9 +0.4
K62A	Royalston	78.90 34 P	P	04 42 35.9 +0.4
L61B	Northampton	78.92 35 P	P	04 42 36.4 +0.4
OBKA	Obir	78.94 334 iP	P	04 42 36.0 +0.0
P56A	Dayton Farm, R	78.97 40 P	P	04 42 36.7 +0.8
WATA	Walderalm	79.09 336 iP	P	04 42 37.6 +1.6
UBR	Ueberuhr	79.04 338 eP	P	04 42 37.8 +1.6
N59A	State Game Lan	79.04 38 P	P	04 42 36.8 +0.5
RETA	Reutte	79.06 337 eP	P	04 42 37.4 +1.1
MYKA	Myrica	79.08 335 eP	P	04 42 37.3 +0.8
MOTA	Moosalm	79.10 337 iP	P	04 42 37.0 +0.3
R54A	Victor	79.14 43 P	P	04 42 37.3 +0.5
UMR	Umm Al-Rimmam	79.14 303 eP	P	04 42 35.6
ZAG	Zagreb	79.14 333 eP	P	04 42 38.0 +1.3
M60A	Port Jervis	79.14 37 P	P	04 42 37.4 +0.6
MIB	Mutribah	79.15 303 iP	P	04 42 35.0
TEKS	Tekeris	79.19 330 eP	P	04 42 35.8 -1.2
SQTA	Sankt Quirin	79.19 337 iP	P	04 42 37.7 +0.6
Q56A	Seyar Ridge,	79.21 41 P	P	04 42 38.0 +0.8
O58A	Lewisberry	79.25 39 P	P	04 42 37.4 0.0
ABTA	Abtaltersbach	79.28 336 iP	P	04 42 38.8 +1.2
CRES	Cresnjeg	79.30 333 eP	P	04 42 37.4 -0.2
S54A	Dingess, Beckl	79.31 43 P	P	04 42 38.0 +0.2
LJU	Ljubjana	79.37 334 eP	P	04 42 38.7 +0.7
LJU	Ljubjana	79.37 334 eP	P	04 42 38.0 0.0
CRNS	Crnji Vrh	79.41 334 eP	P	04 42 38.7 +0.5
DVBS	Divibare	79.44 330 eP	P	04 42 37.5 -1.0
DIVS	Divibare	79.44 330 P	P	04 42 37.6 -0.9
R55A	Marlinton	79.44 42 P	P	04 42 39.5 +0.9
DAVA	Damuels	79.47 338 iP	P	04 42 39.6 +0.9
FEIT	Feichten	79.50 337 iP	P	04 42 39.5 +0.7
RST	Rust	79.50 337 iP	P	04 42 37.8
VTS	Vitosha	79.62 327 iP	P	04 42 39.4 -0.1
P58A	Pank, Wackersv	79.63 39 P	P	04 42 40.3 +0.6
R56A	Bull Pasture M	79.65 41 P	P	04 42 40.3 +0.6
MHTO	MHTO	79.66 290 P	P	04 42 40.6 +0.6
CEY	Cernicka	79.67 334 eP	P	04 42 37.3 -2.4
STAL	Stigial	79.68 335 P	P	04 42 39.1 -0.5
O60A	Telford			

DE SAN VICENTE
MDD 30 04:36:60.0,0.7,36:52N-10:00W,h40km,24km,mb4.7/30,
Error ellipse: s-maj=5.8km s-min=5.4km az=56.0,PRXIMO
INMG 30 04:37:00.7,1.8,36:50N-9:96W,h31km,4km,MD3.1,
ML3.4,Error ellipse: s-maj=3.1km s-min=1.9km az=102.0
IGIL 30 04:37:01.0,36:50N-9:91W,h32km,ML3.5
LDG 30 04:37:02.2,36:75N-9:62W,h85km
ISC 30 04:36:56.9,0.9,36:51N-0:04:10:01W,0.04,h30km,n124,
c221/220,1D,Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Z, Phase ID, Time, Res, ISC. Contains station data for various locations like Vila Bisbo, Marneleite, Sao Teotonio, etc.

Table with columns: Code, Station Name, Az, Z, Phase ID, Time, Res, ISC. Contains station data for various locations like Ceuta, Averroes, Castelo Branco, Coimbra, etc.

Table with columns: Code, Station Name, Az, Z, Phase ID, Time, Res, ISC. Contains station data for various locations like Porto Santo, Agolada, Mazaricos, etc.

NEIC 30 04:38:15.3,0.9,32:47N-0:08:140:1E:0:1,h98km,5km,
mb4.3/12,Error ellipse: s-maj=13.6km s-min=11.9km
az=82.0

IDC 30 04:38:15.2,0.8,32:49N:140:07E,h94km,5km,mb3.6/18,
mb1.3/20,mb1mx3.6/49,mbtmp3.9/20,Error ellipse:
s-maj=19.4km s-min=14.8km az=93.0

JMA 30 04:38:15.3,0.1,32:52N:140:43E,h85km,4km,M3.7
ISC 30 04:38:14.7,0.8,32:43N:105:140:29E,0.06,h92km,6km,
n65,c191074,mb3.9/21,Southeast of Honshu

Table with columns: Code, Station Name, Az, Z, Phase ID, Time, Res, ISC. Contains station data for various locations like Agoshimamukai, Hachiojimakai, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like BPAW Bear Paw Mtn, WRO Warramunga Arr, WRA Warramunga Arr, ILAR Eielson Array, etc.

DC 30 04:46:51.2, 3.5, 49.16N; 156.13E, h0km, mb3.7/8, mb1.3.8/9, mb1mx3.5/6.8, mbtmp3.7/9, ML2.6/1, Error ellipse: s-maj=84.4km s-min=29.0km az=163.0

KRSC 30 04:46:57.0, 2.5, 49.20N; 156.64E, h62km, mb1.9, NEIC 30 04:46:57.0, 2.5, 49.20N; 156.64E, h62km, mb1.9, Error ellipse: s-maj=78.7km s-min=32.2km az=122.0

MOS 30 04:46:56.0, 6.0, 49.27N; 156.43E, h61km, mb4.2/3, Error ellipse: s-maj=19.6km s-min=4.2km az=80.4

ISC 30 04:46:55.0, 6.0, 49.13N; 156.41E, h35km, n84, c1547/98, mb3.8/12, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, PAU Pauzhetka, PAU Pauzhetka, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like H11N3 WAKE ISLAND Hy 30.54 160, H11S1 WAKE ISLAND Hy 31.66 161, H11S3 WAKE ISLAND Hy 31.67 161, etc.

DNK 30 04:54:38.5, 2.9, 51.53N; 15.51E, h0km, ML2.1, PRU 30 04:54:38.7, 0.0, 51.46N; 16.14E, h0km

DC 30 04:54:38.5, 2.9, 51.50N; 15.89E, h0km, mb3.2/1, mb1.3.5/10, mb1mx3.2/4.8, mbtmp3.3/10, ML2.9/8, Error ellipse: s-maj=12.4km s-min=6.0km az=101.0

VE 30 04:54:39.6, 5.1, 39N; 15.78E, h0km, ML2.5/2, 82 km NE of Liberia Suspected Mining Induced

ISC 30 04:54:36.3, 0.6, 51.54N; 16.14E, h0km, n43, c1543/88, 2C-16D, Poland

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, UPC Upipe, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ABTA Abfaltersbach, DAVOX Davos/Dischmat, DAVOX Davos, DRGR Burar, etc.

THE 30 05:02:24.4, 35.49N; 25.91E, h15km, 2km, ML2.7/6, Error ellipse: s-maj=2.2km s-min=0.6km az=179.0

ATH 30 05:02:24.3, 35.51N; 25.91E, h15km, 3km, ML2.6/6, Error ellipse: s-maj=3.8km s-min=0.8km az=197.0

ISC 30 05:02:23.9, 1.0, 35.51N; 25.91E, h0.02, h15km, 9km, n40, c077/58, Crete

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like STIA Sitia Lasithi, NPS Neapolis, NPS Neapolis, ZKR Zakros, etc.

NNC 30 05:12:47.2, 54.48N; 87.12E, h0km, mb2.8, mpv2.7, Error ellipse: s-maj=37.1km s-min=16.1km az=154.0

Suspected Mining explosion.

DC 30 05:12:52.8, 2.9, 54.38N; 86.73E, h0km, mb1.3.0/2, mb1mx2.8/5.6, mbtmp3.0/2, ML2.5/2, 5C-1D, Error ellipse: s-maj=23.1km s-min=15.1km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo, etc.

30d 6h

Table with columns: MKAR, S, Sn, 05 16 22.9 -1.0, 0.1nm, 0.3s, baz=34, slow=26, SNR=5.3

ASRS 30 05:15:15.2±0.4, 56°N, 2°9'5E, h0km, MLH3.3/8, smi:org.gfz-potsdam.de/geofon/LOCASAT earthModelID

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ORY, Orië, 0.63 190, Op, ISC, h m s ISC, 05 15 32.0 +0.7

ANF 30 05:26:25.2±0.7, 41°88'N, 119°62'W, h0km, ML2.9/9, Error ellipse: s-maj=5.5km s-min=2.9km az=79.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, MOD, Modoc Plateau, 0.50 264, Op, ISC, h m s ISC, 05 26 36.4 -0.1

MOD Modoc Plateau 0.50 264 IAML comp=E, 1µm, 0.5s

Large table listing station data for MOD, K05A, LANSI, LASM, M04C, M04D, K04D, L05M, L05D, J05D, L04D, L04D, L04D, WWA, PINE, PINE, I07A, I07A, BEKR, BEKR, BEKR, J04D, PAHR, PAHR, YBH, O03E, O03E, LOY, PEAR, M02C, KBF, VPK, N02D, N02D, HUMO, HUMO, WDC, WDC, I05D, I04E, I04E, O02D, O02D, O02D, K02D

2015 JAN

s-min=22.1km az=44.0, DJA 30 05:34:57.1±0.5, 6°S, 4°10'E, h10km, M3.6/8, MLV3.6/8

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, KASI, Kota Agung, 0.96 338, Op, ISC, h m s ISC, 05 35 15.5 +0.4

NNC 30 06:11:44.9±2.7, 53°51'N, 87°84'E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=22.8km s-min=12.2km az=59.0

IDA 30 06:11:45.0±2.8, 53°52'N, 87°83'E, h0km, mb1.3/1.2, mb1mx2.9/6, mbtmp3.1/2, ML2.8/2.8C, Error ellipse: s-maj=24.2km s-min=15.2km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, I46RU, ZALESVO INFRA, 1.84 285, Op, ISC, h m s ISC, 06 22 20.0

IDA 30 06:25:02.8±2.1, 8°55'S, 113°83'E, h0km, mb3.8/5, mb1.4/0.6, mb1mx3.7/36, mbtmp3.8/6, ML3.2/1, MS3.4/2, Ms1.3.4/2, ms1mx2.7/39, Error ellipse: s-maj=108.1km s-min=19.1km az=52.0

ISC 30 06:25:07.8±2.9, 9.05°S, 113.9E±0.7, h35km, n8, ±1944/6, 30°S, South of Jawa

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, FITZ, Fitzroy Crossi, 14.53 130, Op, ISC, h m s ISC, 06 28 29.4 -1.5

IDA 30 06:27:28.4±1.9, 5°78'S, 130°58'E, h0km, mb3.1/1, mb1.3/5/5, mb1mx3.3/35, mbtmp3.3/5, ML3.3/4, Error ellipse: s-maj=74.4km s-min=25.7km az=87.0, Banda Sea

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, SIJI, Sorong, 4.92 8, Op, ISC, h m s ISC, 06 28 45.6 +1.8

IDA 30 06:29:42±0.5, 56°72'S, 150°64'W, h0km, mb4.4/10, mb1.4/5/10, mb1mx3.4/31, mbtmp4.4/10, MS3.8/11, Ms1.3.8/11, ms1mx3.7/23, Error ellipse: s-maj=35.6km s-min=15.4km az=9.0

NEIC 30 06:29:43.6±1.3, 56°8S±0.1, 150°7W±0.2, h10km, 1km, mb4.8/11, Error ellipse: s-maj=31.2km s-min=5.4km az=43.0

ISC 30 06:29:43.8±0.6, 56°9S±0.2, 150°7W±0.1, h10km, n66, ±0811/34, mb4.5/12, MS3.9/14, 1C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, VVDA, Vanda, 26.32 201, LR, ISC, h m s ISC, 06 43 02.2

1398

comp=Z, 183nm, 20.5s, baz=210, slow=31, GSPA South Pole Qui, 33.29 180, P, 06 36 22.1 +0.9

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, GSPA, South Pole Qui, 33.29 180, P, 06 36 22.1 +0.9

ASAR Alice Springs, 62.61 268, P, 06 40 07.8 -0.4

ASAR Alice Springs, 62.61 268, P, 06 40 07.8 -0.4

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, I46RU, ZALESVO INFRA, 1.84 285, Op, ISC, h m s ISC, 06 22 20.0

IDA 30 06:25:02.8±2.1, 8°55'S, 113°83'E, h0km, mb3.8/5, mb1.4/0.6, mb1mx3.7/36, mbtmp3.8/6, ML3.2/1, MS3.4/2, Ms1.3.4/2, ms1mx2.7/39, Error ellipse: s-maj=108.1km s-min=19.1km az=52.0

ISC 30 06:25:07.8±2.9, 9.05°S, 113.9E±0.7, h35km, n8, ±1944/6, 30°S, South of Jawa

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, FITZ, Fitzroy Crossi, 14.53 130, Op, ISC, h m s ISC, 06 28 29.4 -1.5

IDA 30 06:27:28.4±1.9, 5°78'S, 130°58'E, h0km, mb3.1/1, mb1.3/5/5, mb1mx3.3/35, mbtmp3.3/5, ML3.3/4, Error ellipse: s-maj=74.4km s-min=25.7km az=87.0, Banda Sea

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, SIJI, Sorong, 4.92 8, Op, ISC, h m s ISC, 06 28 45.6 +1.8

IDA 30 06:29:42±0.5, 56°72'S, 150°64'W, h0km, mb4.4/10, mb1.4/5/10, mb1mx3.4/31, mbtmp4.4/10, MS3.8/11, Ms1.3.8/11, ms1mx3.7/23, Error ellipse: s-maj=35.6km s-min=15.4km az=9.0

NEIC 30 06:29:43.6±1.3, 56°8S±0.1, 150°7W±0.2, h10km, 1km, mb4.8/11, Error ellipse: s-maj=31.2km s-min=5.4km az=43.0

ISC 30 06:29:43.8±0.6, 56°9S±0.2, 150°7W±0.1, h10km, n66, ±0811/34, mb4.5/12, MS3.9/14, 1C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, VVDA, Vanda, 26.32 201, LR, ISC, h m s ISC, 06 43 02.2

30d 11h

Table with columns for station code, name, frequency, and other technical details. Includes stations like ISMT, JAG, JAG, JRY, etc.

2015 JAN

Table with columns for station code, name, frequency, and other technical details. Includes stations like NJ2, NJ2, NJ2, etc.

1404

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

IDC 30 12:00:30.9,6.3,36.50Nk:71.54E,h210km,55km,mb2.9/1, mb1 3.4/6, mb1mx2.9/54, mbtmp4.0/6, Error ellipse: s-maj=54.3km s-min=41.3km az=47.0

NINC 30 12:00:34.9,2.7,36.92Nk:71.20E,h228km,29km,mb3.1, mpv4.3, Error ellipse: s-maj=27.2km s-min=14.4km az=28.0

ISC 30 12:00:29.4,1.2,36.55N:0.09:71.1E:0.1,h200km,n28, r=133/32,5C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like AML, UCH, EKS2, etc.

IDC 30 12:44:33.1,1.9,33.78Nk:88.00E,h0km,mb3.9/2, mb1 3.9/6, mb1mx3.4/55, mbtmp3.6/6, ML2.0/2, MS3.9/1, Ms1 3.9/1, ms1mx2.7/54, Error ellipse: s-maj=71.5km s-min=23.6km az=71.0

ISC 30 12:44:34.1,1.6,33.83N:0.2:87.8E:0.3,h10km,n7,r=06/64,6, Kizang

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

NOU 30 12:53:44.4,15.55S:166.39E,h0km,MLV4.9,Vanuatu Islands,Vanuatu Islands

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

RHSSO 30 12:58:22.2,0.1,41.62N:19.59E,h7km,3km,ML2.9/6 TIR 30 12:58:23.2,41.72N:19.35E,h10km,1km,MD2.5

PDG 30 12:58:24.6,0.0,41.67N:19.40E,h6km,MD2.5/1, ML2.8/1, Error ellipse: s-maj=0.1km s-min=0.1km az=0.0

BE0 30 12:58:24.7,0.5,41.64N:19.32E,h18km,3km,ML2.7/7 ISC 30 12:58:25.2,0.1,41.72N:0.03:19.40E:0.03,h10km,8km,n39,r=104/70,4C-6D,Albania

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

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

IDC 30 13:05:26.1,3.3,34.02S:178.80W,h0km,mb3.8/2, mb1 4.1/3, mb1mx3.8/34, mbtmp3.9/3, ML3.9/1, Error ellipse: s-maj=74.9km s-min=37.2km az=117.0

NEIC 30 13:05:30.6,1.2,34.0S:0.1:178.8W:0.2,h35km,10km, mb4.4/10, Error ellipse: s-maj=27.8km s-min=8.9km az=119.0

WEL 30 13:06:21.1,37.5:41.179.9E:1.0,h68km,21km,ML2.5/15, ML2.8/15,ML2.5/15, Error ellipse: s-maj=0.1km s-min=0.0km az=179.2

ISC 30 13:05:30.3,1.1,34.0S:0.1:178.7W:0.2,h37km,n39, r=71/40,mb4.2/7,South of Kermadec Islands

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

ISC 30 13:18:47.4,1.4,3.43S:131.27E,h0km,mb3.9/4, mb1 4.2/8, mb1mx3.9/34, mbtmp4.0/6, ML3.8/4, MS3.0/2, Ms1 3.0/2, ms1mx2.6/46, Error ellipse: s-maj=45.7km s-min=18.6km az=78.0

DJA 30 13:18:52.0,2.3,3.3:3.3:13.1E, h49km,11km,ML4.0/10, mb4.3/6, MLV3.8/10

NEIC 30 13:18:52.3,2.9,3.58S:0.07:131.15E:0.10,h45km,13km, mb4.1/15, Error ellipse: s-maj=16.4km s-min=6.3km az=122.0

ISC 30 13:18:50.9,0.6,3.39S:0.05:131.03E:0.04,h30km,n38, r=188/38,mb4.2/6,Alri Jaya region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA, WBA, WB2, etc.

DJA 30 13:18:58.8,0.6,4.3:3.10:2E, h19km,5km,ML3.4/8, ML3.4/8,Southern Sumatra

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

IDC 30 13:21:31.9,1.6,4.35S:131.16E,h0km,mb3.8/3, mb1 4.1/7, mb1mx3.7/40, mbtmp3.9/7, ML3.8/4, Error ellipse: s-maj=62.3km s-min=22.2km az=80.0

DJA 30 13:21:38.1,0.6,4.3:6.13:1E, h50km,30km,ML4.2/9, mb4.4/11,MLV4.0/9

ISC 30 13:21:39.3,0.8,4.46S:0.05:131.55E:0.06,h35km,n13, r=363/19,mb3.8/3,Banda Sea

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

ASRS 30 13:32:47.0,3.51N:2.9:9E, h5km,MLH3.6/8, smi:org.gfz-potsdam.de/geofon/LCSAT earthModelID smi:org.gfz-potsdam.de/geofon/LASP3 confirmed, Tuva-Buryatia-Mongolia border region

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

ISK 30 13:52:18.4,36.03N:32.93E,h8km,ML2.5/14 DDA 30 13:52:19.0,36.15N:32.90E,h7km,1km,ML1.9

NIC 30 13:52:26.5,0.0,35.65N:33.02E,h17km,13km,ML1.8/2 ISC 30 13:52:18.7,0.9,36.07N:0.02:32.92E:0.02,h15km,6km,n40,r=92/53,Turkey

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

30d 14h

Table with columns: Code, Station Name, Az, P, I, S, G, M, Res, Time, Res, Code, Station Name, Az, P, I, S, G, M, Res, Time, Res. Includes stations like MERSIN_Gulnar, AKKU Akkuyu-Mersin, etc.

IDC 30 14:24:22.0-0.8, 36:92N-98:44W, h0km, mb4, 1/4, mb1 4, 2/10, mb1mx3.8/52, mbtmp3.9/10, ML3.6/5, MS2.9/3, Ms1 2.9/3, ms1mx2.6/41, Error ellipse: s-maj=11.4km s-min=9.9km az=134.0

Table with columns: Code, Station Name, Az, P, I, S, G, M, Res, Time, Res. Includes stations like Manchester OK, Anthony SW Sta, etc.

2015 JAN

Table with columns: Code, Station Name, Az, P, I, S, G, M, Res, Time, Res. Includes stations like Kansas State U, U38A Gravette, etc.

1408

Table with columns: Code, Station Name, Az, P, I, S, G, M, Res, Time, Res. Includes stations like Idaho Springs, Albuquerque, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IVE Iliamna Volcan, ILIM Iliamna, KELA Mount Kelaz, etc.

NEIC 30 16:19:49.4-0.8, 18.1S; 0.2-1.77; 7W-0.2, h632km, 14km, mb4.3/24, Error ellipse: s-maj=30.0km s-min=24.8km az=113.0

IDC 30 16:19:51.3-4.8, 17.96S; 178.12W, h617km, 54km, mb3.4/11, mb1.3.6/12, mb1mx3.2/37, mbmt3.4/12, Error ellipse: s-maj=43.6km s-min=23.3km az=130.0

ISC 30 16:19:49.0-0.7, 18.1S; 0.1-1.77; 9W-0.1, h600km, n40, o570/0.1, mb4.3/23, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSFV Nonsava, AFI Afiamalu, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

IDC 30 16:29:41.2-3.2, 26.10S; 28.94E, h0km, mb1.3.2/4, mb1mx3.1/29, mbmt3.2/4, ML2.8/3, Error ellipse: s-maj=29.6km s-min=16.9km az=108.0, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBTB Lobatse, LBTB Botswana, BOSA Boshof, etc.

IDC 30 16:34:60.0-3.5, 26.17S; 29.18E, h0km, mb1.3.1/4, mb1mx3.1/30, mbmt3.1/4, ML2.7/4, Error ellipse: s-maj=32.1km s-min=21.8km az=104.0, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBTB Lobatse, LBTB Botswana, BOSA Boshof, etc.

PRU 30 16:37:42.7-0.0, 51.53N; 16.03E, h0km, VIE 30 16:37:46.5-0.5, 51.19N; 15.75E, h0km, mb2.5/5, ml2.4/6, Error ellipse: s-maj=2.9km s-min=2.2km az=172.0 64 km NE of Liberec. Suspected Mining induced.

ISC 30 16:42:31.2, 51.147N; 0.05-16.09E, h0km, n21, o126/5.0, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTO Ostas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRAC Moravsky, Novy Kostel, OJC Ojcow, etc.

IDC 30 16:47:09.7-1.0, 49.04S; 124.82E, h0km, mb4.2/6, mb1.4.3/7, mb1mx4.1/32, mbmt4.2/7, ML2.4/1, MS3.7/12, MS1.3.7/12, ms1mx3.5/22, Error ellipse: s-maj=44.0km az=19.7km az=115.0

ISC 30 16:47:11.1, 49.05S; 0.2-124.82E, h0km, n18, o069/8, mb4.1/6, MS3.5/11, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

IDC 30 16:57:49.2-3.5, 10.02N; 126.17E, h0km, mb3.3/3, mb1.3.5/3, mb1mx3.3/39, mbmt3.3/3, Error ellipse: s-maj=282.8km s-min=27.0km az=65.0

MAN 30 16:57:51.6, 9.74N; 125.53E, h26km, mb4.6, ML3.5, MS3.4

ISC 30 16:57:52.9-1.0, 9.70N; 0.0-124.52E, h0km, n40, n11, o132/17, mb3.3/3, 1C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLSP General Luna, BUTP Butuan, MSLP Maasin, etc.

JMA 30 17:02:28.9-0.2, 23.36N; 123.57E, h30km, n2km, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HATJ Hateruma Jima, IRIJ Iriomote Jima, IRIJ Iriomote Jima, etc.

TAP 30 17:02:53.9, 24.68N; 121.82E, h67km, ML3.0, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC Suao, ILA Ilan, TWE Neicheng, etc.

30d 17h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ENA Nanau, NDT Datong Townshi, TIBB Shuangxi, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ESL Shilin, NSY Sanyu, TWQ1 Liyutan, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PDGK 6.3nm,0.7s, DJR JarKent, etc.

SOME 30 17:39:55.9,42°22'N,83°80'E,h10km
NNC 30 17:39:58.3,1.4,42°33'N-83°74'E,h11km,8km,mb3.7,
mpv3.4,Error ellipse: s-maj=10.3km s-min=6.0km
az=149.0
ISC 30 17:39:60.0,2.0,42°45'N,0°09.83'64E,0.07,h10km,n42,
z=246/59,3C-9D,Northern Xinjiang

NEIC 30 17:56:49.0,2.5,21°28'S,0°09.170'11E,0.02,h4km,4km,
mb4.8/40,Error ellipse: s-maj=12.7km s-min=2.6km
az=177.0
IDC 30 17:56:49.6,1.1,21°16'S,169°95E,h0km,mb4.3/8,
mb1.4/6/10,mb1mx4.2/31,mbtmp4.4/10,ML3.6/2,Error
ellipse: s-maj=37.6km s-min=19.3km az=152.0
NOU 30 17:56:54.9,21.37'S,169°16'E,h0km,MLV5.4,Southeast
of Loyalty Islands
ISC 30 17:56:50.2,0.4,21°25'S,0°06.170'11E,0.06,h10km,n92,
z=1918/82,mb4.8/27,Southeast of Loyalty Islands

DZM	Mont Dzumac	3.50 256	P	Pn	17 58 25.4 -0.9
DZM	Port Laguerre	3.55 252	P	Pn	17 57 45.4 +0.6
ONTNC	Duens Tor	3.65 256	P	Pn	17 57 45.7 +0.3
DZM	Devils Point	3.64 256	P	Pb	17 57 46.7 +0.2
SAWVU	Sarautoutu	6.40 334	Pn	Pb	17 57 55.7 -4.1
MSVF	Nonsavu	8.27 86	Pn	Pn	17 58 48.9 -0.5
OUZ	Omahuta	14.25 168	P	Pn	18 00 18.0 -1.4
EIDS	Eidsvold	17.95 253	P	P	18 01 01.9 +1.4
URZ	Urewera	18.00 162	P	P	18 01 02.5 +1.5
URZ	Urewera	18.00 162	P	P	18 00 59.9 -1.1
BKZ	Black Stump Fm	18.68 164	P	Pn	18 01 08.6 -0.2
ARMA	Armidale	18.65 237	P	Pn	18 01 14.3 +2.0
QRZ	Quartz Range	19.25 175	P	Pn	18 01 19.7 -0.4
QRZ	Quartz Range	19.25 175	I	Iamb	18 01 23.1
BFZ	Birch Farm	20.06 166	P	P	18 01 22.2 -1.4
BFZ	Birch Farm	20.06 166	I	Iamb	18 01 41.5
TUWZ	Tuamarina	20.38 172	P	P	18 01 26.2 -0.8
MSWZ	Moikau Station	20.57 169	P	P	18 01 28.1 -1.1
THZ	Tophouse	20.59 174	P	P	18 01 29.5 +0.1
KHZ	Kahutara	20.72 169	P	P	18 01 29.4 -1.4
KHZ	Kahutara	21.30 173	I	Iamb	18 01 36.7 -0.7
LTZ	Lake Taylor	21.55 176	P	P	18 01 39.9 +0.3
LTZ	Lake Taylor	21.55 176	I	Iamb	18 01 47.1
OXZ	Oxford	22.07 176	P	P	18 01 44.2 -1.0
OXZ	Oxford	22.07 176	I	Iamb	18 02 11.9
FOZ	Fox Glacier	22.22 181	P	P	18 01 46.9 +0.1
FOZ	Fox Glacier	22.22 181	I	Iamb	18 01 57.8
CTAO	Charters Tower	22.34 269	P	P	18 01 49.0 +0.6
CTAO	Charters Tower	22.34 269	I	Iamb	18 02 17.7
TARA	Tarata	22.64 7	P	P	18 01 53.6 +2.1
PMG	Port Moresby	25.03 295	P	P	18 02 15.8 +1.2
PMG	Port Moresby	25.03 295	I	Iamb	18 02 24.6
COEN	Coen	26.65 281	P	P	18 02 31.8 +2.5
STKA	Stevens Creek	27.53 241	P	P	18 02 37.8 +0.7
STKA	Stevens Creek	27.53 241	I	Iamb	18 02 37.7 +0.5
TAU	Tasmania Univ	28.80 216	P	P	18 02 47.3 -1.0
GBOD	Guckleboe Arr	32.30 242	P	P	18 03 17.4 -0.2
WR0	Warrungarra Arr	33.27 266	P	P	18 03 26.4 -1.7
WR0	Warrungarra Arr	33.27 266	I	Iamb	18 03 33.7
WB0	Warrungarra Arr	33.44 266	P	P	18 03 28.0 -1.5
WB0	Warrungarra Arr	33.44 266	I	Iamb	18 03 29.1
WB2	Warrungarra Arr	33.45 266	P	P	18 03 28.4 -1.3
WB2	Warrungarra Arr	33.45 266	I	Iamb	18 03 35.2
WRAB	Tennant Creek	33.45 266	P	P	18 03 28.0 -1.6
WRAB	Tennant Creek	33.45 266	I	Iamb	18 03 35.2
WRA	Warrungarra Arr	33.46 266	P	P	18 03 28.3 -1.4
WRA	Warrungarra Arr	33.46 266	I	Iamb	18 03 35.2
AS31	Alice Springs	33.49 259	P	P	18 03 29.2 -0.7
ASAR	Alice Springs	33.49 259	P	P	18 03 29.4 -0.5
ASAR	Alice Springs	33.49 259	I	Iamb	18 03 36.1 -0.2
ASAR	Alice Springs	33.49 259	I	Iamb	18 03 36.1 -0.2
MTN	Manton Dam	38.10 276	P	P	18 04 15.2
PPFT	Pamatala, Papee	38.14 92	P	P	18 04 07.6 -2.3
FORT	Forrest	38.77 247	P	P	18 04 14.7 -0.3
FORT	Forrest	38.77 247	I	Iamb	18 04 42.8
FITZ	Fitzroy Crossi	41.89 266	P	P	18 04 41.0 0.0
FITZ	Fitzroy Crossi	41.89 266	I	Iamb	18 04 40.9 -0.1
FITZ	Fitzroy Crossi	41.89 266	I	Iamb	18 04 41.8
PSA00	Pilbara Seismi	46.62 260	P	P	18 05 17.4 -1.5
PSA00	Pilbara Seismi	46.62 260	I	Iamb	18 05 34.1
NWAO	Narrogin (SRO)	48.05 244	P	P	18 05 29.6 -0.4
NWAO	Narrogin (SRO)	48.05 244	I	Iamb	18 05 31.2 +1.3
NWAO	Narrogin (SRO)	48.05 244	I	Iamb	18 05 33.2
MORW	Morawa	49.20 249	P	P	18 05 38.6 -0.2
TOL12	Toititoli	53.06 288	P	P	18 06 07.4 -0.6
TOL12	Toititoli	53.06 288	I	Iamb	18 06 13.8
VNDA	Vanda	56.46 182	P	P	18 06 32.7 +1.0
VNDA	Vanda	56.46 182	I	Iamb	18 06 46.0
UGM	Wanagana	58.86 274	P	P	18 06 49.5 -0.2
NJ2	Nanjing	72.21 316	eP	pmax	18 08 17.5 +2.0
NJ2	Nanjing	72.21 316	pmax	pmax	
SMY	Shemya	73.75 3	P	P	18 08 26.6 +2.5
PETK	Petaravlovsk-Uttaradit	74.83 352	P	P	18 08 31.6 +1.1
PETK	Petaravlovsk-Uttaradit	74.83 352	I	Iamb	18 08 58.8 +7.5
LAMP	Lampang	79.51 295	P	P	18 09 04.2 +6.6
CM04	Chiang Mai Arr	80.01 294	P	P	18 09 06.6 +6.3
CM05	Chiang Mai Arr	80.02 294	P	P	18 09 06.0 +5.6
BELA	Belgrano 2	80.03 175	P	P	18 08 59.8 +0.4
CM05	Chiang Mai Arr	80.04 294	P	P	18 09 06.7 +6.2
CM02	Chiang Mai Arr	80.05 294	P	P	18 09 06.9 +6.4
CM31	Chiang Mai Arr	80.07 294	P	P	18 09 07.3 +6.7
CM31	Chiang Mai Arr	80.07 294	P	P	18 09 04.9 +0.8
CMAR	Chiang Mai Arr	80.07 294	P	P	18 09 01.0 +0.4
CMAR	Chiang Mai Arr	80.07 294	P	P	18 09 01.0 +0.4
CMAR	Chiang Mai Arr	80.07 294	P	P	18 09 00.0 -0.6
CM15	Chiang Mai Arr	80.08 294	P	P	18 09 06.0 +5.3
CM13	Chiang Mai Arr	80.08 294	P	P	18 09 06.0 +5.3
CM17	Chiang Mai Arr	80.08 294	P	P	18 09 06.0 +5.3
CHTO	Chiang Mai	80.22 295	P	P	18 09 00.7 -0.7
HHC	Hu-ho-hao-te	82.27 319	eP	pmax	18 09 11.0 -1.0
HHC	Hu-ho-hao-te	82.27 319	pmax	pmax	
HHC	Hu-ho-hao-te	82.27 319	pmax	pmax	
LZH	Lanzhou	84.67 312	eP	pP	18 09 26.3 +1.8
LZH	Lanzhou	84.67 312	pP	pP	18 09 29.0 -1.1
LZH	Lanzhou	84.67 312	sP	sP	18 09 29.8 +1.7
LZH	Lanzhou	84.67 312	pmax	pmax	
LZH	Lanzhou	84.67 312	pmax	pmax	
GTA	Gaotai	89.09 313	eP	P	18 09 50.5 +4.6
GTA	Gaotai	89.09 313	pP	pP	18 10 00.5 +9.0
GTA	Gaotai	89.09 313	sP	sP	18 10 04.5 +1.5
GTA	Gaotai	89.09 313	pmax	pmax	
SONM	Songino Array	89.31 323	P	P	18 09 46.8 0.0
SONM	Songino Array	89.31 323	I	Iamb	18 09 52.1
NVAR	Mina Array Bea	89.52 48	P	P	18 09 48.9 +0.7
ILAR	Eielson Array	91.90 17	P	P	18 09 58.5 +0.2
WMQ	Urumpi	99.17 313	eP	pP	18 10 33.5 +1.5
YKA	Yellowknife Ar	102.07 27	eP	pP	18 10 45.4 +1.1
EKA	Eskdalemuir Ar	145.59 353	PKPbc	PKPbc	18 16 30.9 -1.5
EKA	Eskdalemuir Ar	145.59 353	PKPbc	PKPbc	18 16 30.9 -1.5
CONA	Conrad Observa	146.27 328	eP	PKPpd	18 16 29.2 -0.7
GERES	GERES Array B	146.64 331	PKPbc	PKPbc	18 16 31.9 -0.2
ARSA	Arzberg	146.90 328	eP	PKPab	18 16 33.7 -0.6
KBA	Koelbreinsparr	148.09 329	eP	PKPab	18 16 38.1 -1.0
ABTA	Abfaltersbach	148.72 330	eP	PKPbc	18 16 38.8 -0.5
RETA	Reutte	148.96 332	eP	PKPpd	18 16 33.8 -0.6
SQTA	Sankt Quirin	149.87 332	eP	PKPab	18 16 42.0 -0.6
SQTA	Sankt Quirin	149.87 332	eP	PKPab	18 16 42.0 -0.6

WEL 30 17:56:58.7-0.8,34'S,14-17'9W,3.1,h33km,M3.9/10, mB4.5/1,ML4.0/10,MLV3.9/10,Mw(mB)3.7/1. Error ellipse: s-maj=0.0km s-min=0.0km az=113.1, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MXZ	Matakaoa Point	4.36	204	P	17 58 01.7 -0.9	
MXZ	Matakaoa Point	4.36	204	S	17 58 07.6 +0.2	
GLKZ	Green Lake	4.51	17	S	17 58 56.2 +0.2	
WMGZ	Waioamatatini S	4.56	202	P	17 58 06.3 +1.0	
HMZ	Te Kaha	4.72	208	P	17 58 57.1 0.0	
HMZ	Te Kaha	4.72	208	S	17 58 08.4 +0.9	
PKGZ	Pakihiroa	4.73	204	S	17 59 05.3 +4.2	
PKGZ	Pakihiroa	4.73	204	P	17 59 07.6 +0.2	
RUGZ	Raukumara Rang	4.95	207	P	17 59 02.4 +0.9	
RUGZ	Raukumara Rang	4.95	207	S	17 58 10.3 -0.5	
CNGZ	Carnagh Statio	5.23	201	P	17 59 08.8 +2.0	
CNGZ	Carnagh Statio	5.23	201	S	17 58 14.4 -0.1	
MWZ	Matawai	5.33	207	P	17 58 15.8 -0.1	
MWZ	Matawai	5.33	207	S	17 59 16.0 0.0	
URZ	Urewera	5.42	210	P	17 58 17.5 +0.3	
URZ	Urewera	5.42	210	S	17 59 18.6 +0.2	
MUGZ	Murupara	5.75	211	P	17 58 22.0 +0.3	
MUGZ	Murupara	5.75	211	S	17 59 26.5 -0.1	
RTZ	Ruatahuna	5.78	209	P	17 59 19.9 +2.3	
RTZ	Ruatahuna	5.78	209	S	17 59 26.9 -0.5	
SNZG	Shannon Statio	5.79	206	P	17 58 22.0 -0.2	
SNZG	Shannon Statio	5.79	206	S	17 59 27.3 +0.2	
INTHZ	Maungataniwha	6.04	209	P	17 58 26.9 +1.2	
INTHZ	Maungataniwha	6.04	209	S	17 59 35.0 +1.3	
KWHZ	Kaweka Forest	6.70	209	P	17 58 37.6 +1.2	
KWHZ	Kaweka Forest	6.70	209	S	17 59 48.7 -1.2	
OTVZ	Oturere	6.81	214	P	17 58 37.6 +1.2	
OTVZ	Oturere	6.81	214	S	17 58 37.6 +1.2	

NEIC 30 17:57:56.6,21.255S:170:19E,h10km,Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mrr:1.3; Mss:8.41; Mss:7.28; Mss:0.35; Mss:4.11; Mss:1.30; Fault plane solution: Ms9.01000x10¹⁷; NP1:300.910000°, Azm25.00000°, P -1.0950, Plg2.00000°, Azm55.00000°; P -9.4598, Plg4.00000°, Azm166.00000°; N -0.2821, Mrr:0.19e-01; Mss:0.19e-01; Best double couple: Mrr:1.59100x10¹⁸; NP1:300.00000°, Azm166.00000°, P -1.69.000000°, P -1.2688, Plg27.00000°, Azm163.00000°; BGR 30 17:58:03.5,0.0,21.44S:169:87E,h10km Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mrr:0.28; Mss:0.77; Mss:1.05; Mss:0.58; Mss:0.50; Fault plane solution: Ms1.24000x10¹⁸; NP1:300.00000°, Azm166.00000°, P -1.71.000000°, P -1.71.000000°, Azm166.00000°; N -0.1824, Plg59.00000°, Azm12.00000°; P -1.1404, Plg27.00000°, Azm159.00000°; NEIC 30 17:58:21.7,2.102S:170:37E,h33km,Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mrr:0.54; Mss:0.81; Mss:1.34; Mss:0.71; Mss:0.67; Mss:0.32; Fault plane solution: Ms1.55000x10¹⁸; NP1:305.320000°, Azm166.00000°, P -1.42.920000°, P -1.42.920000°, Azm166.00000°; N -0.1824, Plg59.00000°, Azm12.00000°; P -1.1404, Plg27.00000°, Azm159.00000°; ISC 30 17:57:59.2,0.5,21.40S:170:18E,0.003,h17km,3km, h17km;pP-p,1210,2e06/831,mb5.7/185,MSS.8/417, 30C-43D, Southeast of Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MARC	Mare, Loyalty	2.01	267	P	17 58 29.9 -2.4	
PINN	Pines Island,	2.81	244	P	17 58 42.4 -1.0	
YATN	Miamie plateau,	3.13	257	P	17 58 48.4 +0.6	
OUENC	Ouen Island, N	3.26	251	P	17 58 50.4 +0.8	
DZM	Mont Dzumac	3.54	258	Pn	17 58 54.1 +0.6	
DZM	Mont Dzumac	3.54	258	S	17 59 33.9 -1.1	
DZM	Mont Dzumac	3.54	258	ePn	17 58 54.1 +0.6	
DZM	Mont Dzumac	3.54	258	eSn	17 59 34.8 -0.3	
DZM	Mont Dzumac	3.54	258	eLR	17 59 42.4	
DZM	Mont Dzumac	3.54	258	Pn	17 58 52.8 -0.7	
DZM	Mont Dzumac	3.54	258	P	17 58 55.0 +1.5	
DVP	Devils Point	4.11	332	P	17 59 04.3 +3.1	
SAWVU	Sarautoutu	6.56	334	Pn	17 59 33.8 -1.1	
SAWVU	Sarautoutu	6.56	334	P	17 59 39.1 +4.2	
NFK	Norfolk Island	7.88	194	P	17 59 54.0 +0.9	
NFK	Norfolk Island	7.88	194	P	17 59 57.5 -0.9	
MSVF	Nonsavu	8.26	65	Pn	17 59 57.5 -0.9	
MSVF	Nonsavu	8.26	65	Pn	17 59 58.8 +0.4	
RAO	Raoul Island	13.30	128	LR	18 05 21.1	
RAO	Raoul Island	13.30	128	LR	18 05 21.1	
RAO	Raoul Island	13.30	128	Pn	18 01 08.2 +0.9	
RAO	Raoul Island	13.30	128	Pn	18 01 08.2 +0.9	
OUZ	Omahuta	14.10	168	P	18 01 20.8 +2.7	
OUZ	Omahuta	14.10	168	P	18 01 21.1 +3.0	
LHI	Lord Howe Isla	14.16	222	P	18 01 21.7 +2.7	
LHI	Lord Howe Isla	14.16	222	Pn	18 01 23.3 -3.3	
HNR	Honiara	15.44	319	Pn	18 01 37.8 +1.4	
HNR	Honiara	15.44	319	Pn	18 01 37.8 +1.4	
HNR	Honiara	15.44	319	LR	18 06 57.7	
HNR	Honiara	15.44	319	LR	18 06 57.7	
HNR	Honiara	15.44	319	p		

30d 19h

Table with columns: RPZ, Rata Peaks, Time, P, I, A, M, B, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Lake Benmore, Port Moresby, Warramunga Arr, etc.

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Abfalterbach, Moosalm, SQTa, FETA, DAVA, 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 ECSD, ULM, ULM, ISCO, ISCO, etc.

30d 19h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WKZ Wanaka, ARMA Armadale, MLZ Mavora Lakes, etc.

30d 19h: 54.7, 0.21, 205.5, 170.17E, h0km, mb4.3/10, mb1.4/5.12, mb1mx3.2/42, mbtmp4.4/12, ML4.0/2, MS4.3/16, Ms1.4/3.16, ms1mx4.2/38, Error ellipse: s-maj=25.3km s-min=20.3km az=158.0

GCMT 19:32:09.20, 1.0, 3.21, 25S, 0.02, 170.26E, 0.01, h15km, 1km, MW1.1/109, Moment tensor solution s24, 2245, s109c152, Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.01±.21; Mw-4.7±.21; Mw4.7±.21; Mw0.5±.60; Mw-2.7±.16; Mw0.7±.61; Best double couple: Ms5.5710x10^16 NP1.30, 300.00000, 0.80, 0.00000, λ-179.00000. NP2.20, 210.00000, 0.89, 0.00000, λ-10.00000. Principal axes: T 5.5610, Plg6.0000, Azm255.0000; N 0.0190, Plg8.0000, Azm25.0000; P 5.5810, Plg7.0000, Azm165.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function N0U 30 19:32:18.9, 21.82S, 168.48E, h0km, MLV3.8, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PINNC Pines Island, YATNC Mamie Plateau, OUCNC Ouen Island, etc.

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Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NNZ Nelson, TUWZ Tuamarina, BHW Baring Head, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KHC GERES, GERES GRESS, SOKA Soboth, etc.

IDC 30 19:33:48.0, 8.9, 207.78S, 169.34E, h0km, mb4.1/4, mb1.4/3.5, mb1mx3.9/40, mbtmp4.1/5, Error ellipse: s-maj=268.4km s-min=46.8km az=141.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like DZM Mont Dzumac, DZM Warramunga Arr, etc.

JMA 30 19:33:57.9, 0.2, 34.55N, 138.63E, h220km, 2km, M3.5, NEIC 30 19:33:58.4, 1.5, 34.59N, 0.06, 138.59E, 0.04, h216km, 7km, mb4.4/29, Error ellipse: s-maj=9.1km s-min=4.1km az=199.0

IDC 30 19:33:59.2, 0.7, 34.65N, 138.68E, h225km, 8km, mb3.4/14, mb1.3/4.17, mb1mx3.2/57, mbtmp3.9/17, Error ellipse: s-maj=28.8km s-min=10.4km az=97.0

ISC 30 19:33:58.0, 0.6, 34.68N, 138.57E, 0.05, h218km, 5km, n95, n131/10, mb4.0/26, 1C-2D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JIZS Izuohimoda, JIZS Sagara, JSG Sagara, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PETK, BFSC, EDW2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like X18A, MTPU, MVU, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CCB, QLMT, YHB, etc.

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

OMAN 30 21:14:23.5+0.6,23.72N,49.56E,h14km,mb4.7/16, m3.8/1, Error ellipse: s-maj=19.2km s-min=11.3km az=14.0, Eastern Arabian Peninsula

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

IDC 30 21:22:41.9+0.8,53.76N,169.32E,h0km,mb4.0/23, mb1 4.2/24,mb1mx4.0/50,mbtmp4.0/24,ML3.2/1,MS4.0/3, Ms1 4.0/3,ms1mx3.0/52, Error ellipse: s-maj=23.6km s-min=12.7km az=173.0

KRSC 30 21:22:42.7+1.2,53.37N,169.19E,h69km,mb4.0/23, NEIC 30 21:22:45.6+1.3,53.7N,0.1+169.3E,0.1,h30km,6km, mb4.2/51, Error ellipse: s-maj=18.4km s-min=9.4km az=192.0

MOS 30 21:22:47.2+0.8,53.51N,168.92E,h81km,mb4.1/7, Error ellipse: s-maj=7.6km s-min=6.6km az=23.5

ISC 30 21:22:45.6+0.5,53.40N,0.07-169.19E,0.04,h35km,n164, o1548/166,mb4.1/49,1D,Komandorsky Islands region

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

Main table with columns: DALK, Dalky, Dalk, Dalky, etc. Includes stations like Dalky, Dalk, Dalky, etc.

Table with columns: H11N3, H11N1, H11S1, H11S3, H11S2, etc. Includes stations like WAKE ISLAND, WAKE ISLAND, etc.

30d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PREZ Palmer Road, KHEZ Kahui Hut, NEZ North Egmont, etc.

IDC 30 21:45:58.0;2.7,23.07S;179.68W,h0km,mb3.7/4, mb1.4/0.4,mb1mx3.7/46,mbtmp3.7/4,Error ellipse: s-maj=157.0km s-min=31.8km az=159.0 NEIC 30 21:46:45.6;2.4,23.79S;0.10;179.2W;0.2;h580km;14km, mb4.3/22,Error ellipse: s-maj=23.3km s-min=12.7km az=110.0

ISC 30 21:55:50.0;0.242S;0.1179E;0E.1,h537km,n30, i=1567/29,mb4.0/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MSVF Nonsav, DZM Mont Dzumac, BKZ Black Stump Fm, etc.

IDC 30 21:55:45.7;0.5,0.23N;128.77E,h0km,mb4.5/20, mb1.4/0.23,mb1mx4.4/43,mbtmp4.5/23,ML3.8/3,MS3.6/16, Ms1.3/6/16,ms1mx3.5/37,Error ellipse: s-maj=16.4km s-min=11.7km az=82.0 DJA 30 21:55:47.0;0.2,0'N;2'x12'9E',h10km,M4.8/42, mb5.4/13,mb4.9/42,MLv2.16/16,Mw(mB)4.8/13 NEIC 30 21:55:49.5;1.4,0.20N;0.07;128.73E;0.06;h29km;4km, mb4.8/66,Error ellipse: s-maj=11.7km s-min=8.2km az=211.0 KLM 30 21:55:50.0;0.25N;128.95E,h30km,mb5.0 NOU 30 21:55:52.5;0.22N;128.77E,h35km,mb4.8,Halmahera,

Indonesia

ISC 30 21:55:50.8;0.3,0.22N;0.05;128.77E;0.05,h35km,n216, i=1528/208,mb4.7/82,MS3.6/14,2C,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TNTI Ternate, TWTI Ternate, SNI Sorong, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BKSJ Bulukumba, KAPI Kappang, KAPI Kapi, 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 IPM lph, PDSI Padang, MEEK Melekatarrara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CPUP, Villa Florida, BDFB, MAW, QSPA, etc.

ECX 31 02:16:20.5:0.6, 27.66N, 111.59W, h15km, 64km, MD2.3
MEX 31 02:16:20.5:0.3, 27.52N, 111.50W, h9km, 9km, MD3.6,

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

IDC 31 02:17:23.3:6.3, 49.65S, 126.42E, h0km, mb3.4/2,
mb1 3.7/2, mb1mx3.4/30, mbtmp3.4/2, Error ellipse:
s-maj=329.0km s-min=70.9km az=90.0, Western

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H01W1, H01W2, etc.

IDC 31 02:21:26.5:6.1, 49.56S, 126.12E, h0km, mb3.5/2,
mb1 3.8/2, mb1mx3.6/24, mbtmp3.5/2, MS3.2/2, Ms1 3.2/2,
ms1mx2.8/12, Error ellipse: s-maj=327.0km
s-min=69.9km az=91.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H01W1, H01W2, etc.

RHSSO 31 02:48:38.3:0.8, 41.86N, 19.68E, h13km, 2km, ML3.0/9
SKO 31 02:48:38.3:0.8, 41.88N, 19.49E, h27km
TIR 31 02:48:38.3:0.4, 19.00N, 19.59E, h19km, MI2.6
PDG 31 02:48:39.0:0.2, 41.91N, 19.58E, h12km, ML2.8/10, Error
ellipse: s-maj=0.3km s-min=0.5km az=0.0

BEO 31 02:48:39.1:0.3, 42.02N, 19.74E, h0km, ML2.4/12
ISC 31 02:48:38.8:1.0, 41.90N, 02.1959E, 0.02, h14km, g8km,
n63, c076:116, 17C-8D, Albania

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

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

comp=N, 0.7nm, 0.3s, baz=108
AMP

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

comp=N, 0.7nm, 0.3s, baz=108
AMP

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

comp=N, 1.8nm, 0.8s, baz=66, slow=1.9, SNR=16

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

IDC 31 02:57:28.6:6.5, 49.58S, 125.51E, h0km, mb3.4/2,
mb1 3.7/2, mb1mx3.5/28, mbtmp3.4/2, MS3.4/1, Ms1 3.4/1,
ms1mx2.8/12, Error ellipse: s-maj=365.0km
s-min=71.6km az=93.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H01W1, H01W2, etc.

PRU 31 02:59:06.1:0.0, 50.14N, 19.04E, h0km, Poland

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

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

IDC 31 03:04:33.2:2.2, 31.77S, 178.36W, h0km, mb4.4/3,
mb1 4.6/4, mb1mx4.2/24, mbtmp4.4/4, ML4.5/1, MS3.5/2,
Ms1 3.5/2, ms1mx2.9/34, Error ellipse: s-maj=60.7km
s-min=38.8km az=135.0

NEIC 31 03:04:38.3:1.9, 32.3S, 0.1:1.77, 9W, 0.2, h27km, 10km,
mb4.4/8, Error ellipse: s-maj=27.8km s-min=4.2km
az=125.0

ISC 31 03:04:33.3:1.1, 32.16S, 0.10:1.77, 8W, 0.2, h24km, n28,
a172/23, mb4.4/4, South of Kermadec Islands

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

comp=N, 2.6nm, 0.7s

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

NEIC 31 03:05:08.0:0.5, 19.1N, 0.1:68.03W, 0.07, h37km, 84km,
Error ellipse: s-maj=17.8km s-min=3.4km az=209.0

RSRP 31 03:05:06.3, 19.14N, 68.03W, h42km, 14km, MD3.5/9
ISC 31 03:05:04.4:1.7, 19.1N, 0.1:68.02W, 0.06, h20km, n46,

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

comp=N, 219nm, 0.6s

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

IDC 31 03:18:06.4:1.6, 6.79N, 34.38W, h0km, mb3.8/3,
mb1 3.9/3, mb1mx3.5/30, mbtmp3.8/3, MS3.6/5, Ms1 3.6/5,
ms1mx3.2/28, Error ellipse: s-maj=15.4km
s-min=35.2km az=136.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H10N3, H10N3, etc.

31d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CM02 Chiang Mai Arr, etc.

JMA 31 03:29:02.0.1, 38°33'N-142°08'E, h32km±1km, M3.7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JIKH Ishinomakikubo, JIKH Ouri, JIO Kesennumototy, etc.

IDC 31 03:31:57.5-3.9, 11°32'S-147°50'E, h0km, mb3.1/1, mb1 3.6/4, mb1mx3.4/35, mbtmp3.4/4, ML3.6/3, Error ellipse: s-maj=243.1km s-min=27.7km az=46.0, South of Sumbawa

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

SOME 31 03:35:52.6, 41°57'N-72°18'E, h10km, KRNET 31 03:35:52.0, 41°57'N-72°17'E, h18km, mb2.4, NNC 31 03:35:56.6-3.8, 41°57'N-72°44'E, h0km, mb3.0, mpv3.1, Error ellipse: s-maj=37.7km s-min=13.0km az=167.0

ISC 31 03:35:52.2-1.1, 41°54'N-03°07'22.0E, 0.03, h8km±11km, n22, ±136°39, 19C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARSB Arslanbob, ARSB, TRKS Terek-Say, etc.

IDC 31 03:53:23.6-3.2, 11°54'S-162°16'E, h51km±25km, mb3.5/4, mb1 3.9/6, mb1mx3.5/47, mbtmp4.0/6, ML4.1/2, MS3.2/2, Ms1 3.2/2, ms1mx2.7/25, Error ellipse: s-maj=41.0km s-min=18.3km az=63.0

ISC 31 03:53:22.9-1.3, 11°65'S-162°22.0E, h39km, n14, ±17°19, mb3.7/4, Bougainville-Solomon Islands region

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

NEIC 31 03:55:09.0-7.1, 31°66'S-109°177.39W, 0.04, h48km, 11km, mb4.3/9, Error ellipse: s-maj=13.0km s-min=4.6km az=166.0

IDC 31 03:55:12.2-4.4, 31°60'S-177°90'W, h38km±32km, mb3.1/2, mb1 4.1/4, mb1mx3.7/40, mbtmp4.1/4, ML3.8/2, Error ellipse: s-maj=56.8km s-min=25.6km az=117.0

ISC 31 03:55:09.0-1.8, 31°73'S-109°177.4W, 0.02, h35km, n20, ±0°59, 19, mb4.3/7, Kermadec Islands region

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO, RAO, URZ, etc.

IDC 31 04:13:16.9-1.5, 56°35'N-169°10'W, h0km, mb3.5/7, mb1 3.8/10, mb1mx3.5/51, mbtmp3.6/10, ML3.1/3, MS3.3/9, Ms1 3.3/9, ms1mx3.0/50, Error ellipse: s-maj=37.8km s-min=16.9km az=178.0

AEIC 31 04:13:18.2-7.7, 56°58'N-0°05:169°15'W, 0.05, h37km±8km, Error ellipse: s-maj=7.5km s-min=4.0km az=185.0

NEIC 31 04:13:20.2-2.3, 56°58'N-0°05:169°16'W, 0.09, h22km±6km, mb4.0/5, ML3.7/19(AEIC), Error ellipse: s-maj=9.6km s-min=3.3km az=45.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, WR0 Warramunga Arr, etc.

IDC 31 04:13:18.5-0.6, 56°59'N-0°06:169°15'W, 0.06, h10km, n65, ±19°22, mb3.3/5, MS3.3/6, Bougainville Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SPIA Saint Paul Isl, SPIA, AKGS Akutan Green G, etc.

IDC 31 04:13:18.5-0.6, 56°59'N-0°06:169°15'W, 0.06, h10km, n65, ±19°22, mb3.3/5, MS3.3/6, Bougainville Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BCAR Beaver Creek A, RIDG Independence B, CTGM Chitina Glacier, etc.

IDC 31 04:32:57.0-2.1, 6°58'S-129°45'E, h99km±27km, mb3.1/1, mb1 3.3/5, mb1mx3.1/40, mbtmp3.6/5, Error ellipse: s-maj=38.5km s-min=17.5km az=104.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BCAR Beaver Creek A, RIDG Independence B, CTGM Chitina Glacier, etc.

31d 6h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Panska Ves, Bochum-Univer, Bruhonic, etc.

ADC 31 05:13:34.7±11.0, 17:16'S:176:56'W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.6/3, mbtmp3.5/3, Error ellipse: s-maj=524.8km s-min=38.9km az=141.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Warramunga Arr, Alice Springs, Eielson Array.

ADC 31 05:14:30.8±3.9, 42:99'S:14:74'W, h0km, mb4.0/2, mb1 3.9/2, mb1mx3.7/16, mbtmp3.9/2, MS4.0/19, Ms1 4.0/19, ms1mx3.9/25, Error ellipse: s-maj=198.6km s-min=70.0km az=136.0

GCMT 31 05:14:38.0±3.4, 42:34'S:0:04:16:04'W, h15km, 1km, MW4.9/88, Moment Tensor Solution. s19.c21, s88.c103; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.29±.18; Mw:1.02±.14; Mww:1.27±.12; Mw2:0.9±.04; Mw3:0.6±.02; Mw4:0.9±.26; Best double couple: Mu2:845000±10^16; NP1:±136.00000°, ±69.00000°, ±47.00000°. NP2: ±270.00000°, ±69.00000°, ±110.00000°. Principal axes: T 2.0610, Pg222.0000°, Azm15.0000°; N 1.5690, Plg19.0000°, Azm277.0000°; P -3.6300, Plg60.0000°, Azm150.0000°; nstai refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 31 05:14:34.3±1.2, 42:35'02:15:6'W, h10km, n23, ±1504'6, MS4.1/19, Tristan da Cunha region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Neumayer-Watz, Neumayer Olymp, BOSA, Villa Florida, etc.

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Table with columns: YKA, ILAR, comp-Z, 41nm, 20.7s, baz=222, slow=34, etc.

ADC 31 05:45:11.5±11.0, 25:01'S:179:07'E, h650km±149km, mb3.4/4, mb1 3.6/4, mb1mx3.2/21, mbtmp4.4/4, Error ellipse: s-maj=118.6km s-min=60.9km az=179.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for STKA, ASAR, WRA, TXAR, HFS.

ADC 31 05:53:18.0±2.5, 26:42'N:53:54'E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/60, mbtmp3.7/5, ML2.7/1, Error ellipse: s-maj=67.6km s-min=26.1km az=36.0, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WSAR, BRTR, ZALV, HFS, YKA.

SOME 31 05:55:53.7±0.4, 93'N:69:73'E, h15km, NNC 31 05:55:54.6±2.8, 40:84'N:69:77'E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=19.4km s-min=11.4km az=34.0

ISU 31 05:55:55.40:93'N:69:73'E, h5km, Hypocentre not reviewed by the ISC

KRNET 31 05:55:56.6±0.1, 41:00'N:69:86'E, mb3.0, ISC 31 05:55:59.1±6.1, 01:45'N:0:03:69.98'E, h1km±11km, n29, ±217/49, 15C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for TGS, TASHGRES, TASHKENT, TASHKENT, TASHKENT, TRKS, etc.

GCMT 31 06:33:23.0±0.4, 42:95'S:0:05:15:76'W, h17km±1km, MW4.8/74, Moment Tensor Solution. s15.c16; s74.c87; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:1.61±.15; Mw:0.03±.11; Mw1:5.8±.12; Mw2:1.2±.38; Mw3:0.2±.07; Mw4:1.1±.32; Best double couple: Mu2:280000±10^16; NP1:±164.00000°, ±69.00000°, ±132.00000°. NP2: ±30.00000°, ±69.00000°, ±132.00000°. Principal axes: T 2.0320, Plg21.0000°, Azm105.0000°; N 0.5010, Plg19.0000°, Azm202.0000°; P -2.5290, Plg61.0000°, Azm331.0000°; nstai refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Tristan da Cunha region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for DRK, OHH, OHH, OHH, ARSB, etc.

NOU 31 06:44:44.3±25.32'S:179:15'W, h499km, mb4.9, South of Fiji Islands

ADC 31 06:44:52.0±1.1, 25:66'S:179:64'E, h479km±10km, mb4.0/14, mb1 4.2/16, mb1mx3.9/40, mbtmp4.8/16, Error ellipse: s-maj=14.9km s-min=12.7km az=3.0

NEIC 31 06:44:53.0±1.3, 25:85'S:0:1:179.0±0.1, h494km±7km, mb4.6/53, Error ellipse: s-maj=18.8km s-min=15.5km az=88.0

ISC 31 06:44:53.6±0.4, 25:79'S:0:06:179:67'E, h07:1503km, NP1:±195/190, mb4.6/40, 2C-1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RAO, RAO, RAO, RAO, RAO, etc.

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Table with columns: KTBS, KTBS, KTBS, KTBS, ARXS, ARXS. Includes entries for Karatobe, Karatobe, Karatobe, Karatobe, 2.7nm, 0.6s, etc.

ADC 31 06:00:40.4±1.8, 09:0'N:146:10'E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/43, mbtmp3.6/5, MS3.3/2, Ms1 3.3/2, ms1mx2.7/32, Error ellipse: s-maj=77.8km s-min=26.4km az=103.0, Eastern Caroline Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WRA, WRA, ASAR, FITZ, MKAR, kurBB, ILAR.

AEIC 31 06:16:05:3.0, 56:66'N:0:4:168:73'W, h0:10, h10km±5km, Error ellipse: s-maj=8.9km s-min=3.5km az=56.0

NEIC 31 06:16:06.6±2.1, 56:71'N:0:06:168:9'W, h0:1, h10km±1km, ML3.5/19(AEIC), Error ellipse: s-maj=12.1km s-min=5.7km az=43.0, Pribilof Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for SPIA, SPIA, MCIR, AKGG, AKGG, AKutan Reef Bi, AKRB, AKLV, MSW, MNAT, MAPS, AKUT, MGOD, UNV, UNV, WESP, WESP, NIKH, ATKA, CHGN, ADK, ANM, TTA, PPLA, GHO, BPWA.

GCMT 31 06:33:23.0±0.4, 42:95'S:0:05:15:76'W, h17km±1km, MW4.8/74, Moment Tensor Solution. s15.c16; s74.c87; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:1.61±.15; Mw:0.03±.11; Mw1:5.8±.12; Mw2:1.2±.38; Mw3:0.2±.07; Mw4:1.1±.32; Best double couple: Mu2:280000±10^16; NP1:±164.00000°, ±69.00000°, ±132.00000°. NP2: ±30.00000°, ±69.00000°, ±132.00000°. Principal axes: T 2.0320, Plg21.0000°, Azm105.0000°; N 0.5010, Plg19.0000°, Azm202.0000°; P -2.5290, Plg61.0000°, Azm331.0000°; nstai refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Tristan da Cunha region

NOU 31 06:44:44.3±25.32'S:179:15'W, h499km, mb4.9, South of Fiji Islands

ADC 31 06:44:52.0±1.1, 25:66'S:179:64'E, h479km±10km, mb4.0/14, mb1 4.2/16, mb1mx3.9/40, mbtmp4.8/16, Error ellipse: s-maj=14.9km s-min=12.7km az=3.0

NEIC 31 06:44:53.0±1.3, 25:85'S:0:1:179.0±0.1, h494km±7km, mb4.6/53, Error ellipse: s-maj=18.8km s-min=15.5km az=88.0

ISC 31 06:44:53.6±0.4, 25:79'S:0:06:179:67'E, h07:1503km, NP1:±195/190, mb4.6/40, 2C-1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RAO, RAO, RAO, RAO, RAO, etc.

Table with columns: STKA, comp, 2.3, 3.2nm, 0.5s, baz=96, slow=11, SNR=145, ScP, ScP, 06 50 18.1 +3.2, etc.

Table with columns: K04D, Chiloquin, OR, 86.85, 39, P, P, 06 56 54.2 +0.8, etc.

Table with columns: CGP, Mususan, 1.45, 202, eP, s, Sg, 07 03 45.1 -0.8, etc.

MAN 31 07:03:07.2, 9.22N, 125.63E, h5km, mb4.7, ML3.5, MS3.4
IDC 31 07:03:08.3, 1.9, 9.47N, 125.45E, h0km, mb3.3, 3/3,
mb1 3.5/4, mb1mx3.3/37, mbmp3.4/4, ML4.4/1, MS3.1/3,
ms1 3.1/3, ms1mx2.7/27, Error ellipse: s-maj=99.9km
s-min=18.8km az=79.0
ISC 31 07:03:07.8, 1.3, 9.24N, 102.03, 125.60E, 0.04, h4km, 10km,
n17, 0.1938/23, mb3.4/3, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Ruthven, In-Ko-Pah, Carrizo Plain, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Monument Peak, San Pedro Mart, Tijuana, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Cheerat, Kashi, Kabul, Uchtor, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Kurchatov Arra, Gorkha, Kurchatov, etc.

31d 11h

s-maj=135.5km s-min=21.3km az=67.0, Talaud Islands

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

INET 31 11:40:22.3, 15:21N, 89:79W, h30km, ML4.5, MW4.4
IDC 31 11:40:26.0, 9, 14:59N, 83:03W, h0km, mb4.2/11,
mb1.4/4.14, mb1mx3.4/10, mbtmp4.2/14, ML3.7/3, MS3.4/14,
Ms1.3/4.14, ms1mx3.3/3.4, Error ellipse: s-maj=31.8km
s-min=14.7km az=34.0
GCG 31 11:40:27.5, 0.6, 14:65N, 89:12W, h0km, 88km, ML4.6
NEIC 31 11:40:27.8, 1.2, 14:53N, 89:13W, h0.04, h10km, 1km,
mb4.6/9.1, Md4.4(SNET), Error ellipse: s-maj=6.9km
s-min=4.6km az=235.0
UCR 31 11:40:27.3, 0.0, 14:53N, 89:15W, h1km, 5km, ML4.3,
mb4.6(NEIC)
SNET 31 11:40:27.4, 3.2, 14:53N, 89:15W, h1km, 6km, ML4.4
ISC 31 11:40:27.4, 1.1, 14:59N, 0:03, 89:12W, h0.02, h5km, 7km,
h240, c095/278, mb4.6/44, MS3.2/11, 12C-13D,

Main table for Guatemala stations with columns: Code, Station Name, Az, Az, Phase ID, Time Res, Res. Includes stations like ESQI, TACO, UNIC, etc.

2015 JAN

Main table for 2015 JAN stations with columns: Code, Station Name, Az, Az, Phase ID, Time Res, Res. Includes stations like LALI, NBG, COEB, etc.

1442

Main table for 1442 stations with columns: Code, Station Name, Az, Az, Phase ID, Time Res, Res. Includes stations like U40A, EMPR, HUL, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like MYKOM Kota Tinggi, MSVF Nonsavu, and STKA Stephens Creek.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like YAK Yakutsk, YAK Christmas Isla, and YAK Christmas Isla.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like TAPN Tapejung, XMAS KiriTimati, and TAPN Tapejung.

PDMCI	Parker Dam,Lak	88.55	55	P	P	12 42 25.4	+0.9
RLMT	Red Lodge	88.60	43	P	P	12 42 26.3	+1.5
RLMT	Red Lodge	88.60	43	P	P	12 42 26.4	+1.5
RLMT	Red Lodge	88.60	43	P	P	12 42 26.4	+1.5
MPU	Maple Canyon	88.67	49	P	P	12 42 25.9	+0.6
OBN	Obninsk	88.71	327	P	P	12 42 24.6	-0.2
OBN	Obninsk	88.71	327	P	P	12 42 23.6	-1.2
OBN	Obninsk			eS	SKSac	12 52 51.5	-0.9
OBN	Obninsk			pmx	pmx		
OBN	Obninsk			MLR	MLR		
MVU	Marysvale	88.71	327	P	P	12 42 24.0	-0.8
KNB	Kanab	88.74	52	P	P	12 42 26.8	+1.1
KNB	Kanab	88.74	52	P	P	12 42 27.1	+1.4
KNB	Kanab	88.74	52	P	P	12 42 27.1	+1.4
MSU	Marysvale	88.75	50	P	P	12 42 26.9	+1.2
GOF	Gofitsoyke	88.79	317	eP	pmx	12 42 25.0	-0.4
VSR	Storozhevoye	88.89	323	eP	pmx	12 42 24.3	-1.5
VSR	Storozhevoye			pmx	pmx		
VSR	Storozhevoye			pmx	pmx		
MTPU	Mount Pierson	88.90	51	P	P	12 42 27.9	+1.3
VORD	Dinvogorie	88.92	323	eP	pmx	12 42 24.4	-1.5
ABTO	Aybut	88.94	288	P	P	12 42 26.7	-0.1
ABTO	Aybut			P	P	12 42 26.7	-0.1
SFX	San Felipe	88.96	58	P	P	12 42 27.1	+0.6
SFX	San Felipe			IAMS_20	IAMS_20	13 12 51.1	
NCK	Nalchik	88.96	315	iP	pmx	12 42 26.0	-0.3
NCK	Nalchik			MLR	MLR		
ZEI	Tsey	88.99	314	eP	pmx	12 42 22.9	-3.8
FFC	Flin Flon	89.18	33	P	P	12 42 27.3	+0.3
FFC	Flin Flon			pmx	pmx		
FFC	Flin Flon			IAMS_20	IAMS_20	12 42 27.3	+0.3
FFC	Flin Flon			IAMS_20	IAMS_20	12 42 27.3	+0.3
TMUT	Trail Mountain	89.22	49	P	P	12 42 28.7	+0.8
BW06	Boulder Array	89.22	46	P	P	12 42 28.1	+0.2
BW06	Boulder Array	89.22	46	P	P	12 42 28.4	+0.5
BW06	Boulder Array			IAMS_20	IAMS_20	13 15 03.8	
PD31	Pinedale Array	89.22	46	P	P	12 42 28.0	+0.1
PDAR	Pinedale Array	89.22	46	P	P	12 42 27.9	+0.1
PDAR	Pinedale Array			LR	LR	13 15 14.4	
PDAR	Pinedale Array	89.22	46	P	P	12 42 27.7	-0.2
GNI	Garni	89.29	311	P	P	12 42 27.8	-0.3
GNI	Garni	89.29	311	iP	pmx	12 42 27.7	-0.4
GNI	Garni			MLR	MLR		
GNI	Garni			MLR	MLR		
GNI	Garni	89.29	311	P	P	12 42 28.8	+0.7
GNI	Garni	89.29	311	P	P	12 42 27.9	+0.3
GNI	Garni			P	P	12 42 27.9	-0.3
U15A	North Rim	89.33	52	P	P	12 42 29.8	+1.3
U15A	North Rim			IAMS_20	IAMS_20	12 42 31.0	
KBZ	Khabaz	89.35	315	P	P	12 42 27.6	-0.5
KBZ	Khabaz	89.35	315	iP	pmx	12 42 27.2	-0.9
KBZ	Khabaz			MLR	MLR		
KIV	Kislovodsk	89.42	316	iP	P	12 42 28.7	+0.2
KIV	Kislovodsk	89.42	316	iP	P	12 42 27.9	-0.6
KIV	Kislovodsk	89.42	316	eP	pmx	12 42 27.9	-0.6
KIV	Kislovodsk			eS	SS	12 45 58.6	
KIV	Kislovodsk			eS	SS	12 52 54.8	
KIV	Kislovodsk			pmx	pmx	12 59 14.3	+2.2
KIV	Kislovodsk			pmx	pmx		
KIV	Kislovodsk			MLR	MLR		
KIV	Kislovodsk	89.42	316	P	P	12 42 27.9	-0.6
KIV	Kislovodsk			IAMS_20	IAMS_20	12 42 30.7	
KIV	Kislovodsk			IAMS_20	IAMS_20	13 26 06.9	
KIV	Kislovodsk	89.42	316	P	P	12 42 27.7	-0.9
KIV	Kislovodsk			P	P	12 42 27.7	-0.9
KIV	Kislovodsk			P	P	12 42 29.9	+0.8
P17A	Butcher Ranch	89.50	49	P	P	12 42 30.0	+0.3
NEY	Neytrino	89.64	315	iP	pmx	12 42 30.0	+0.3
NEY	Neytrino			MLR	MLR		
NEY	Neytrino			MLR	MLR		
SOC	Socotra	89.68	282	P	P	12 42 29.2	-1.1
N2CH	Innhavet	89.70	343	eP	P	12 42 29.4	+0.3
AKH	Akhalkalaki	89.75	313	iP	pmx	12 42 30.6	+0.4
AKH	Akhalkalaki	89.75	313	P	pmx	12 42 30.5	+0.2
AKH	Akhalkalaki			pmx	pmx		
AKH	Akhalkalaki	89.75	313	P	P	12 42 30.5	+0.2
SRU	San Rafael Swe	89.78	49	P	P	12 42 31.0	+0.5
SRU	San Rafael Swe			pmx	pmx		
SRU	San Rafael Swe	89.78	49	P	P	12 42 31.0	+0.5
STEI	Steigen	89.91	344	eP	P	12 42 30.7	+0.6
PIX	Pinacate	89.93	57	P	P	12 42 30.7	-0.4
LAO	LASA Array	90.01	41	P	P	12 42 31.8	+0.6
LAO	LASA Array			S	S	12 53 23.8	+1.1
LAO	LASA Array	90.01	41	P	P	12 42 32.4	+1.2
LAO	LASA Array			IAMS_20	IAMS_20	12 42 43.0	
DBG	Daneborg	90.12	357	iP	IAMS_20	12 42 31.0	0.0
DBG	Daneborg			IAMS_20	IAMS_20	12 42 33.0	
CHVG	Ch'k'valeri	90.27	315	iP	P	12 42 32.4	-0.1
FAUS	Fauske	90.28	343	eP	P	12 42 32.3	+0.3
WUAZ	Wupatki	90.33	53	P	P	12 42 34.3	+1.2
WUAZ	Wupatki			S	S	12 53 27.8	+1.5
WUAZ	Wupatki	90.33	53	P	P	12 42 34.5	+1.4
WUAZ	Wupatki			IAMS_20	IAMS_20	12 42 45.3	
WUAZ	Wupatki			IAMS_20	IAMS_20	13 15 54.4	
214A	Organ Pipe Nat	90.34	57	P	P	12 42 33.7	+0.7
214A	Organ Pipe Nat			S	S	12 53 28.2	+2.0
214A	Organ Pipe Nat	90.34	57	P	P	12 42 34.1	+1.1
214A	Organ Pipe Nat			IAMS_20	IAMS_20	12 42 35.9	
214A	Organ Pipe Nat			IAMS_20	IAMS_20	13 25 11.6	
UMR	Umn Al-Rimmam	90.36	301	eP	P	12 42 30.6	
FIA1	FINES Array S	90.39	336	P	P	12 42 31.8	-0.7

FIA1	FINES Array B	90.39	336	P	P	12 42 31.4	-1.2
KBD	Kabod	90.49	300	eP	P	12 42 31.1	-1.2
DGMT	Dagmar	90.56	39	P	P	12 42 33.8	+0.1
DGMT	Dagmar			IAMS_20	IAMS_20	13 16 04.3	
MIB	Mitribat	90.59	301	eP	P	12 42 31.3	
X16A	Lo Mia Camp, P	90.64	54	P	P	12 42 36.0	+1.4
X16A	Lo Mia Camp, P			IAMS_20	IAMS_20	13 25 11.7	
UPNV	Upernavik	90.70	7	iP	IAMS_20	12 42 34.6	+0.8
UPNV	Upernavik			IAMS_20	IAMS_20	12 42 36.7	
RST	Rutvik	90.97	301	eP	P	12 42 33.7	+0.3
FCC	Fort Churchill	91.01	27	P	pmx	12 42 35.8	+0.3
FCC	Fort Churchill			pmx	pmx		
O20A	White River Ci	91.08	48	P	S	12 42 35.8	+0.3
O20A	White River Ci			S	S	12 42 36.9	+0.4
O20A	White River Ci			S	S	12 53 30.2	-1.1
PV10	Paradox Valley	91.12	50	P	P	12 42 37.3	+0.5
PV10	Paradox Valley			IAMS_20	IAMS_20	12 43 05.1	
PV14	Lion Creek, Pa	91.14	50	P	P	12 42 37.5	+0.6
PV14	Lion Creek, Pa			IAMS_20	IAMS_20	12 42 48.3	
PV14	Lion Creek, Pa			IAMS_20	IAMS_20	13 16 58.6	
GEVA	Gevas	91.15	310	P	P	12 42 36.2	-0.6
PV05	Paradox Valley	91.18	50	P	P	12 42 37.5	+0.5
PV19	Morning Glory	91.19	50	P	P	12 42 37.7	+0.6
PV19	Morning Glory			IAMS_20	IAMS_20	12 42 39.5	
PV19	Morning Glory			IAMS_20	IAMS_20	13 16 39.0	
PV20	West Nyswonger	91.19	50	P	P	12 42 37.5	+0.5
PV20	West Nyswonger			IAMS_20	IAMS_20	12 42 39.4	
PV20	West Nyswonger			IAMS_20	IAMS_20	13 17 11.0	
PV04	Paradox Valley	91.22	50	P	P	12 42 37.9	+0.7
PV04	Paradox Valley			IAMS_20	IAMS_20	12 42 48.7	
PV04	Paradox Valley			IAMS_20	IAMS_20	13 16 06.7	
PV17	East Wray Mesa	91.22	50	P	P	12 42 37.9	+0.6
PV17	East Wray Mesa			IAMS_20	IAMS_20	12 42 39.6	
PV17	East Wray Mesa			IAMS_20	IAMS_20	13 14 33.7	
PV16	Nyswonger Mesa	91.24	50	P	P	12 42 37.9	+0.6
PV16	Nyswonger Mesa			IAMS_20	IAMS_20	12 43 06.4	
PV16	Nyswonger Mesa			IAMS_20	IAMS_20	13 16 40.2	
RWWY	Rawlins	91.24	46	P	IAMS_20	12 42 37.2	-0.1
RWWY	Rawlins			IAMS_20	IAMS_20	12 42 51.4	
PV22	Blue Mesa, Par	91.25	50	P	P	12 42 38.4	+1.1
PV22	Blue Mesa, Par			IAMS_20	IAMS_20	12 42 59.6	
PV22	Blue Mesa, Par			IAMS_20	IAMS_20	13 15 00.7	
PV18	Skein Mesa, Pa	91.26	50	P	P	12 42 37.3	-0.1
PV18	Skein Mesa, Pa			IAMS_20	IAMS_20	12 42 39.7	
PV18	Skein Mesa, Pa			IAMS_20	IAMS_20	13 16 21.0	
PV11	David Mesa, Pa	91.27	50	P	P	12 42 38.0	+0.6
PV11	David Mesa, Pa			IAMS_20	IAMS_20	12 42 39.8	
PV03	Paradox Valley	91.31	50	P	P	12 42 38.0	+0.4
PV03	Paradox Valley			IAMS_20	IAMS_20	12 42 39.9	
PV03	Paradox Valley			IAMS_20	IAMS_20	13 17 04.1	
PV12	Saucer Basin,	91.32	50	P	P	12 42 38.3	+0.6
PV12	Saucer Basin,			IAMS_20	IAMS_20	12 42 47.5	
PV12	Saucer Basin,			IAMS_20	IAMS_20	13 16 54.4	
K22A	Casper	91.35	45	P	S	12 42 38.2	+0.5
K22A	Casper			S	S	12 53 35.3	-0.1
K22A	Casper			IAMS_20	IAMS_20	12 42 38.3	+0.6
PV13	Radium Mtn., P	91.36	50	P	P	12 42 38.2	+0.3
MOR8	Moi Rana	91.37	343	eP	P	12 42 38.0	-1.0
PV07	Paradox Valley	91.39	50	P	P	12 42 38.5	+0.5
PV02	Paradox Valley	91.40	50	P	P	12 42 38.4	+0.3
PV02	Paradox Valley			IAMS_20	IAMS_20	12 42 47.5	
PV15	Paradox Valley	91.55	50	P	P	12 42 39.1	+0.3
PV15	Paradox Valley			IAMS_20	IAMS_20	12 42 50.0	
PV15	Paradox Valley			IAMS_20	IAMS_20	13 14 19.4	
SOC	Sochi	91.55	316	eP	P	12 42 36.3	-2.0
SOC	Sochi			ePPP	PPP	12 46 15.3	
SOC	Sochi			eS	SKSac	12 49 13.8	
SOC	Sochi			eS	SS	12 53 05.4	-4.0
SOC	Sochi			eSSS	SSS	12 59 38.3	-4.4
PV01	Paradox Valley	91.55	50	P	P	12 42 39.2	+0.4
PV01	Paradox Valley			IAMS_20	IAMS_20	13 16 05.7	
W18A	Petrified Fore	91.73	53	P	S	12 42 41.4	+1.8
W18A	Petrified Fore			S	S	12 53 42.7	+3.6
W18A	Petrified Fore	91.73	53	P	P	12 42 41.4	+1.8
X18A	Snowflake	91.76	54	P	P	12 42 41.1	+1.4
X18A	Snowflake			IAMS_20	IAMS_20	12 42 52.0	
X18A	Snowflake			IAMS_20	IAMS_20	13 29 10.5	
VSU	Vasula	91.78	333	eP	P	12 42 38.6	-0.4
VSU	Vasula	91.78	333	iP	pmx	12 42 38.0	-1.0
VSU	Vasula			MLR	MLR		
TUC	Tucson	91.85	56	P	pmx	12 42 41.4	+1.3
TUC	Tucson			pmx	pmx		
T							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SDV, PTL, MACC, KWA, PLCA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RCBR, ALFO, NBLI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AKLV, AKLV, AKLV, etc.

31d 14h

Table with columns: YKA, Yellowknife Ar, 88.31, 9, P, P, 14 12 33.1 -0.5, etc.

IDC 31 14:00:38.2,2.2,56.33N,169.20W, h0km, mb3.8/5, mb1.4/0.8, mb1mx3.6/4.5, mbtmp3.9/8, ML3.2/3, Error ellipse: s-maj=60.0km s-min=17.9km az=167.0

NEIC 31 14:00:38.2,2.2,56.37N,169.20W, h0.1, h10km, 2km, mb3.9/2, ML3.1/1(AEIC), Error ellipse: s-maj=14.3km s-min=6.7km az=44.0

AEIC 31 14:00:38.5,2.9,56.51N,169.61W, h0.2, h36km, 9km, Error ellipse: s-maj=15.8km s-min=4.9km az=64.0

ISC 31 14:00:39.3,0.7,56.565N,169.187W, h0.07, h10km, n29, o141/32, mb3.8/3, P, Pribilof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SP1A, AKGG, MSW, etc.

NEIC 31 14:20:11.9,1.8,52.7N,174.52W, h163km, 8km, mb4.6/140, ML4.1(AEIC), Error ellipse: s-maj=19.7km s-min=7.6km az=170.0

MOS 31 14:20:11.0,1.1,52.82N,174.50W, h179km, mb4.3/25, Error ellipse: s-maj=8.9km s-min=6.9km az=85.9

IDC 31 14:20:12.0,2.0,52.66N,174.58W, h172km, 7km, mb3.8/32, mb1.4/0.33, mb1mx3.9/5.5, mbtmp4.3/3.3, Error ellipse: s-maj=13.4km s-min=7.3km az=174.0

AEIC 31 14:20:12.4,9.5,52.2N,174.34W, h0.09, h165km, 5km, Error ellipse: s-maj=21.7km s-min=7.6km az=171.0

ISC 31 14:20:11.0,0.4,52.64N,174.52W, h0.04, h158km, n366, o192/350, mb4.5/100, 11C-18D, Andreanof Islands

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

PPLA Purkeypile 15.63 40 P P 14 23 45.8 +2.3

O22K Cooper Landing 15.68 50 P P 14 23 43.5 -0.3

SCW Seward 15.69 52 Pn P 14 23 42.3 -0.9

CUT Chulitna 16.18 43 P P 14 23 50.6 +1.2

KTH Kantishna Hill 16.46 39 P Pn 14 23 55.2 +2.5

TRF Thorofore Moun 16.66 40 P Pn 14 24 00.8

PEA0B Petropavlovsk- 16.74 283j eP Pn 14 23 58.3 +2.2

IMAR Indian Mountain 16.94 30 P P 14 23 57.1 -0.6

RND Reindeer 17.21 41 P Pn 14 24 01.8 +0.2

RND Reindeer 17.21 47 P Pn 14 24 00.5 -0.5

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Table with columns: SCM, Sheep Creek Mo 17.23 47 P P 14 24 00.5 -0.5, etc.

M24K Tolsona, Glenn 17.83 47 P Pn 14 24 08.4 -0.7

M24K Tolsona, Glenn 17.83 47 P Pn 14 24 08.4 -0.7

M24K Tolsona, Glenn 17.83 47 P Pn 14 24 08.4 -0.7

WRH Wood River Hill 18.00 39 P P 14 24 09.6 +0.3

MDM Murphy Dome 18.19 37 P P 14 24 12.2 +0.7

CCB Clear Creek Bu 18.20 38 P Pn 14 24 11.5 +0.1

COLA College 18.29 38c P Pmax 14 24 14.1 -0.2

N25K Chitina, Valde 18.40 49 P P 14 24 12.8 -0.9

HDA Harding Lake 18.41 40 P P 14 24 14.9 -0.9

HDA Harding Lake 18.41 40 P P 14 24 13.8 0.0

PAX Paxson 18.44 45 P Pmax 14 24 15.1 +0.9

PAX Paxson 18.44 45 P P 14 24 15.1 +0.9

ILAR Eielson Array 18.60 39 P P 14 24 14.6 -1.3

ILAR Eielson Array 18.60 39 P P 14 24 14.6 -1.3

ILAR Eielson Array 18.60 39 P P 14 24 14.6 -1.3

ILAR Eielson Array 18.60 39 P P 14 24 14.6 -1.3

ILAR Eielson Array 18.60 39 P P 14 24 14.6 -1.3

GLB Geladina Butte 18.72 50 P Pn 14 24 16.9 -0.3

COLD Coldfoot 18.82 30 Pn Pn 14 24 20.6 +0.1

VRDI Verde Repeater 18.84 51 P P 14 24 18.0 -0.7

RIDG Independent Ri 18.98 43 P P 14 24 20.8 +0.7

TGL Tanager Glacier 19.04 52 P P 14 24 19.2 -1.5

MENT Mentasta 19.18 45 P P 14 24 22.9 +0.7

DOT Sand Creek 19.27 43 P P 14 24 23.5 +0.8

YAH Yahtse 19.50 54 P P 14 24 26.5 +0.7

BCAR Beaver Creek A 20.06 46 P P 14 24 31.8 +0.1

FYU Fort Yukon 20.07 35 P P 14 24 32.1 +1.6

SEY Seymchan 20.18 314 P P 14 24 34.6 +1.7

SEY Seymchan 20.18 314 P P 14 24 34.6 +1.7

MA2 Magadan 20.37 304 P P 14 24 36.6 +1.7

MA2 Magadan 20.37 304j eP Pn 14 24 38.1 -0.8

A21K Barrow 20.38 17 P P 14 24 36.0 +1.2

A21K Barrow 20.38 17 P P 14 24 35.5 +0.7

BPYK Burnt Mountain 20.73 33 P P 14 24 36.5 -2.2

EPYK Eagle Plains 23.12 39 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

INP Inuvik 24.90 35 P P 14 25 02.4 -0.3

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Table with columns: NEW Newport 35.97 73 P P 14 26 57.1 +0.8, etc.

L04D Kanath Falls 36.08 85 P P 14 26 59.0 +1.6

YBH Yreka Blue Hor 36.12 86 P P 14 26 59.8 +2.1

J05D Fort Rock, OR 36.13 83 P P 14 26 60.0 +2.2

G08A Pilot Rock 36.40 79 P P 14 27 00.5 +2.5

N02D Trinity Center 36.57 87 P P 14 27 03.9 +2.5

MAJO Matsushiro 36.58 263j eP Pmax 14 27 01.8 +0.3

MAT Matsushiro 36.58 263 P P 14 27 01.6 +0.1

MJAR Matsushiro 36.58 263 P P 14 27 01.8 +0.2

M04C Macdoed 36.62 86 P P 14 27 04.1 +2.1

K05A Summer Lake 36.65 84 P P 14 27 04.5 +2.2

I07A Izeze 36.73 81 P P 14 27 04.1 +1.3

F00A Mt. Diablo Mer 36.99 89 P P 14 27 07.2 +2.1

A12D Beach Ranch, E 37.07 77 P P 14 27 06.3 +0.7

H11S1 WAKE ISLAND Hy 37.09 210 T T 15 06 37.5

H11S2 WAKE ISLAND Hy 37.11 210 T T 15 06 37.9

H11S3 WAKE ISLAND Hy 37.11 210 T T 15 06 39.2

WALA Waterton Lakes 37.45 70 P P 14 27 08.8 0.0

MOD Modoc Plateau 37.48 84 P P 14 27 11.1 +1.8

RES Resolute Bay 37.48 25 P P 14 27 09.0 +0.3

O03E Paynes Creek 37.52 88 P P 14 27 11.0 +1.4

BMO Blue Mountains 37.62 78 P P 14 27 10.8 +0.4

BMO Blue Mountains 37.62 78 P P 14 27 10.8 +0.4

JTMT Jette 37.78 73 P P 14 27 12.9 +0.3

ORV Oroville 38.16 88 P Pmax 14 27 15.6 +0.8

WRV Wild Horse Val 38.18 83 P P 14 27 16.5 +1.4

WVOR Wild Horse Val 38.18 83 P P 14 27 16.5 +1.4

MSO Missoula 38.56 74 P P 14 27 18.5 +0.3

MSO Missoula 38.56 74 P P 14 27 18.4 +0.2

MSO Missoula 38.56 74 P P 14 27 19.0

BEKR Beckworth 38.66 87 P P 14 27 20.4 +1.2

BEKR Beckworth 38.66 87 P P 14 27 21.4

PAHR Pah Ranch 39.35 87 P P 14 27 27.2

PNTR Pine Nut 39.60 87 P P 14 27 29.1 +2.0

WAKR Walker 40.07 88 P P 14 27 33.5

ELMD Halley 40.07 78 P P 14 27 31.7 +0.9

HGHT Eagleton 40.35 70 P P 14 27 32.9 0.0

RYN Ryan 40.55 87 P P 14 27 36.3 +1.5

RYN Ryan 40.55 87 P P 14 27 37.0

BOZ Bozeman (W) 40.57 74 P P 14 27 35.1 +0.3

BOZ Bozeman (W) 40.57 74 P P 14 27 36.0

NVAR Mina Array Bea 40.81 87 P P 14 27 38.5 +1.5

NVAR Mina Array Bea 40.81 87 P P 14 27 38.5 +1.5

NVAR Mina Array Bea 40.81 87 P P 14 27 38.5 +1.5

NVAR Mina Array Bea 40.81 87 P P 14 27 38.5 +1.5

NVAR Mina Array Bea 40.81 87 P P 14 27 38.5 +1.5

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TMUT Trail Mountain, NRK Nori'sk, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CCM Cathedral Cave, MGMO Mountain Grove, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR Alice Springs, PLCA Paso Flores, and various other frequencies.

31d 17h

Table with columns: DZA, Taraz, 68.60 317 eP, P, 17 27 19.6 +0.5, etc. Lists various stations and their coordinates and frequencies.

Table with columns: CM05, Chiang Mai Arr, 75.92 282 P, P, 17 28 04.0 +0.9, etc. Lists various stations and their coordinates and frequencies.

Table with columns: MDM, Murphy Dome, 13.05 42 Pn, Pn, 17 24 36.5 -0.1, etc. Lists various stations and their coordinates and frequencies.

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

Table with columns for station code, name, frequency, and signal strength. Includes stations like NWA0, NWA0, NWA0, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like NJ2, NJ2, SANVU, SANVU, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like USA0B, USRUK, USRUK, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like EPYK Eagle Plains, INK Inuvik, AKASG Mainin Array, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO MStX Muleshoe, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like PSCGX Visagan, PTGB Pitanga, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Phase, I, Time, Res. Includes entries like JMA 31 17:31:42.8, JMA 31 17:31:42.8, etc.

IDC 31 17:39:11.4-0.4, 56.69N-169.02W, h0km, mb5.0/50, mb1.5/0.53, mb1mx5.0/64, mbtmp:0.5/3, ML4.4/3, MS4.6/39, Ms1.4/639, ms1mx4.6/46, Error ellipse: s-maj=13.3km

NEIC 31 17:39:11.5-1.6, 56.64N-169.12W, h0.09, h6km, 3km, mb5.3/374, Ms 20.5/0.386, Mwb5.4/11, ML5.1(AEIC), Mw5.4(GCMT), Error ellipse: s-maj=8.4km s-min=6.0km az=220.0

NEIC 31 17:39:12.5, 56.64N-169.06W, h3km, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm, Mr=1.47; Ms=1.76; Mm=0.29; Mno=0.72; Mx0.03; My=0.29; Fault plane solution: M1: 81.000-0.107, NP1: 80.430000, 858.00000, 1-76.490000; NP2: 76.050000, 834.450000, 1-110.500000; Principal axes: T 1.925, Plg1.00000, Azm1.00000; N -0.2318, Plg11.00000, Azm93.00000; P -1.6808, Plg73.00000, Azm225.00000;

BUI 31 17:39:12.0-0.0, 56.82N-169.67W, h10km, mb5.5/52, mb5.2/75, Ms5.3/52, Ms7.4/950

GCMT 31 17:39:14.5-0.1, 56.77N-169.07W, h10.02, h12km, MW5.4/156, Moment Tensor Solution. s110c167; s156c312; Duration: 152 Moment tensor: Scale 10^17 Nm; Mr=1.40z-0.1; Ms=1.40z-0.1; Mm=0.00z-0.1; Mno=0.03z-0.04; Mx0.0-0.13z-0.1; My0.0-0.19z-0.05; Best double couple: M1: 42.000-0.107, NP1: 80.270000, 850.00000, 1-101.000000; NP2: 105.000000, 847.000000, 1-80.000000; Principal axes: T 1.4240, Plg1.00000, Azm187.00000; N 0.0070, Plg7.00000, Azm278.00000; P -1.4240, Plg83.00000, Azm88.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 31 17:39:14.7-0.0, 56.54N-169.13W, h10km, mb5.4, Ms4.4

NEIC 31 17:39:15.5, 56.76N-169.05W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm, Mr=1.46; Ms=1.47; Mm=0.01; Mno=0.28; Mx0.0-0.23; My0.0-0.3; Fault plane solution: M1: 51.000-0.107, NP1: 80.270000, 850.00000, 1-89.000000; NP2: 98.000000, 850.000000, 1-91.000000; Principal axes: T 1.5312, Plg5.00000, Azm189.00000; N -0.0437, Plg1.00000, Azm99.00000; P -1.4875, Plg85.00000, Azm2.00000;

ISC 31 17:39:12.5-0.9, 56.66N-169.12W, h0.03, h10km, 5km, n1248, e1517/1097, mb5.3/349, MS5.0/271, 40C-65D, Pribilof Islands

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

Main seismic event data table with columns: Code, Name, Time, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists numerous seismic events with their respective codes and details.

Continuation of seismic event data table with columns: Code, Name, Time, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists further seismic events.

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

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

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

G58A	Ornstown	56.32	58	P	P	17 48 52.5	-0.6
M54A	Oil Creek Stat	56.33	64	P	P	17 48 53.0	-0.3
M54A	Oil Creek Stat	56.33	64	Iamb	Iamb	17 48 56.9	
M54A	comp=Z,59nm,1.1s					18 08 52.4	
R50A	Paris	56.37	70	P	P	17 48 52.7	-0.8
R50A	comp=Z,65nm,1.4s					17 48 57.4	
R50A	comp=Z,71nm,21.0s					18 13 08.5	
F59A	Saint Guillaume	56.38	57	P	P	17 48 52.8	-0.7
J56A	Wolcott	56.39	61	P	P	17 48 53.8	+0.2
D60A	Saint Jean D'O	56.43	55	P	P	17 48 52.9	-0.9
LONY	Lake Ozonia	56.47	59	P	P	17 48 53.3	-0.9
LONY	Lake Ozonia	56.47	59	Iamb	Iamb	17 48 56.7	
I57A	Carthage	56.47	60	P	P	17 48 53.2	-1.0
P52A	Corning	56.49	68	P	P	17 48 55.1	+0.7
P52A	comp=Z,319,SNR=6.5					17 48 56.8	
O53A	New Philadelphia	56.49	67	P	P	17 48 53.3	-1.2
HKT	Hockley	56.50	85	IAMS_20	IAMS_20	18 13 60.0	
OXF	Oxford	56.52	77	IAMS_20	IAMS_20	18 13 51.6	
D61A	St Aubert, Com	56.54	54	P	P	17 48 52.4	-2.3
N54A	Moraine State	56.58	65	P	P	17 48 54.5	-0.6
DGZ	Jazzator, Alta	56.59	311	d/P	pmax	17 48 56.1	+0.9
DGZ	comp=Z,46nm,1.2s						
K56A	Middlesex	56.59	62	P	P	17 48 54.3	-0.8
E60A	Ste Agathe de	56.60	55	P	P	17 48 54.0	-1.1
F60A	Warwick	56.67	56	P	P	17 48 53.5	-2.1
J57A	Williamstown	56.70	61	P	P	17 48 55.3	-0.6
J57A	Williamstown	56.70	61	Iamb	Iamb	17 48 55.2	-0.6
J57A	comp=Z,66nm,1.3s					17 48 57.2	
G59A	Clarenceville	56.78	57	P	P	17 48 55.8	-0.6
H58A	Gabriels	56.81	59	P	P	17 48 55.9	-0.7
H59A	Cadyville	56.87	58	P	P	17 48 55.6	-1.4
PLAL	Pickwick Lake	56.88	76	IAMS_20	IAMS_20	18 16 11.1	
L56A	Greenwood	56.90	63	P	P	17 48 55.9	-1.5
Y45A	Yeager Farm, C	56.94	78	IAMS_20	IAMS_20	18 13 23.7	
U49A	Red Boiling Sp	56.94	73	IAMS_20	IAMS_20	18 14 38.7	
K57A	Scipio Center	56.96	61	P	P	17 48 57.8	+0.1
CLTN	Cedars of Leba	56.97	73	Iamb	Iamb	17 48 59.0	
CLTN	comp=Z,11m,20.0s					18 13 40.4	
O54A	Avella	56.97	66	P	P	17 48 55.2	-2.6
V48A	Smith Brothers	56.97	74	IAMS_20	IAMS_20	18 15 14.6	
I58A	Old Forge	56.98	60	P	P	17 48 55.5	-2.4
E61A	Lac Etchemin	56.99	55	P	P	17 48 53.8	-4.1
T50A	Nancy	57.05	72	IAMS_20	IAMS_20	18 13 45.6	
J58A	Remsen	57.08	60	P	P	17 48 57.2	-1.4
NCB	Newcomb	57.13	59	Iamb	Iamb	17 48 56.6	
S51A	Seattly	57.23	70	IAMS_20	IAMS_20	18 14 19.4	
342A	Flagon Creek P	57.33	82	IAMS_20	IAMS_20	18 15 20.2	
L57A	Andrews Acres	57.35	62	P	P	17 48 57.7	-2.8
K58A	Earlville	57.36	61	P	P	17 48 56.3	-4.3
J59A	Plesco	57.38	60	P	P	17 48 56.7	-4.0
O53A	Leroy	57.38	68	P	P	17 49 00.4	-0.3
N56A	West Decatur	57.46	64	P	P	17 49 01.5	+0.2
R53A	Hurricane	57.56	69	IAMS_20	IAMS_20	18 11 43.0	
D63A	Stockholm	57.59	53	P	P	17 49 01.9	-0.1
BINY	Binghamton	57.62	61	P	P	17 49 02.9	+0.5
BINY	Binghamton	57.62	61	P	P	17 49 02.1	-0.3
MCWV	Mont Chateau	57.63	66	P	P	17 49 02.5	0.0
MCWV	comp=Z,42nm,1.3s					17 49 04.5	
MCWV	comp=Z,860nm,19.0s					18 14 03.8	
Q54A	Coxs Mills	57.64	67	Iamb	Iamb	17 49 03.3	
VBMS	Vicksburg	57.66	80	IAMS_20	IAMS_20	18 15 29.0	
M57A	Sunshine Farm,	57.72	63	P	P	17 49 02.5	-0.5
TMCR	Tamitsa	57.72	346	eP	pmax	17 49 01.4	-1.3
L58A	Harry Jones Me	57.80	61	P	P	17 49 03.4	-0.3
O56A	Blue Knob Stat	57.81	65	P	P	17 49 03.4	-0.4
WHN	Wuhan	57.83	278	pP	pmax	17 49 04.5	+0.6
X48A	Hartselle	57.83	75	IAMS_20	IAMS_20	18 12 10.3	
SWET	Seawnee	57.84	74	IAMS_20	IAMS_20	18 14 15.6	
G62A	West of Eustis	57.89	56	P	P	17 49 03.8	-0.4
E63A	Oxbow	57.92	53	P	P	17 49 03.7	-0.7
N57A	Milroy	57.95	64	P	P	17 49 04.1	-0.6
M58A	Price's Panora	58.02	62	P	P	17 49 05.1	-0.1
J60A	Lant Hill Farm	58.06	59	P	P	17 49 05.3	-0.1
L59A	Walton	58.08	61	P	P	17 49 04.8	-1.0
L59A	Walton	58.08	61	P	P	17 49 04.7	-1.0
TZTN	Tazewell	58.09	71	Iamb	Iamb	17 49 13.1	
TZTN	comp=Z,53nm,1.3s					18 14 17.0	
XAN	Xi'an	58.09	284	pP	pP	17 49 06.0	+0.2
XAN	comp=Z,43nm,0.5s					17 49 17.0	+6.8
H62A	Milan	58.10	56	P	P	17 49 05.4	-0.3
I61A	Oroboro, Fairl	58.10	58	P	P	17 49 03.6	-2.1
146A	Union	58.13	78	IAMS_20	IAMS_20	18 14 04.5	
344A	Westbrook Farm	58.13	80	IAMS_20	IAMS_20	18 14 49.5	
F63A	Nahmakanta, Br	58.17	54	P	P	17 49 06.0	-0.2
R54A	Victor	58.17	68	P	P	17 49 06.2	-0.2

W50A	Signal Mountai	58.18	73	IAMS_20	IAMS_20	18 15 09.6	
E64A	Brigewater	58.18	53	P	P	17 49 05.9	-0.4
V51A	Loudon	58.23	72	IAMS_20	IAMS_20	18 15 32.8	
Z47A	Carrollton	58.24	77	IAMS_20	IAMS_20	18 14 45.2	
P56A	Dayton Farm, R	58.25	65	P	P	17 49 06.9	0.0
BATG	Bathurst New B	58.29	51	IAMS_20	IAMS_20	18 11 33.9	
S54A	Dingess, Beckl	58.29	69	P	P	17 49 07.0	-0.2
S54A	Dingess, Beckl	58.29	69	IAMS_20	IAMS_20	18 16 02.4	
N58A	Sunbury	58.30	63	P	P	17 49 07.5	+0.4
N58A	Sunbury	58.30	63	IAMS_20	IAMS_20	18 14 28.3	
O57A	Amberson	58.32	64	P	P	17 49 07.4	0.0
F64A	Sherman	58.38	54	P	P	17 49 07.0	-0.6
M59A	Waymart	58.39	62	P	P	17 49 07.8	0.0
CPCT	Cooper Cave	58.41	73	IAMS_20	IAMS_20	18 15 40.6	
Q56A	Snyder Ridge,	58.43	66	P	P	17 49 08.2	+0.1
Q56A	Snyder Ridge,	58.43	66	IAMS_20	IAMS_20	18 14 28.0	
FPAL	Fort Paine	58.53	74	IAMS_20	IAMS_20	18 14 46.7	
R55A	Marlinton	58.53	67	P	P	17 49 08.8	-0.1
V52A	Sevierville	58.60	72	IAMS_20	IAMS_20	18 14 32.5	
Y49A	Blount Mountai	58.62	75	IAMS_20	IAMS_20	18 16 11.3	
L60A	Shokan	58.63	60	P	P	17 49 09.3	-0.1
G64A	Maxfield	58.67	54	P	P	17 49 09.5	-0.1
P57A	Homestead Farm	58.68	65	P	P	17 49 10.0	+0.1
N59A	State Game Lan	58.70	62	P	P	17 49 09.8	-0.2
GTA	Gaotai	58.72	295	pP	sP	17 49 09.5	-0.8
GTA	Semipalatinsk	58.72	295	sP	pP	17 49 17.9	+3.1
GTA	Semipalatinsk	58.72	295	pP	pP	17 49 22.0	+8.5
GTA	Semipalatinsk	58.72	295	pmax	pmax	17 51 20.3	+0.5
GTA	comp=Z,44nm,1.5s					pmax	pmax
GTA	comp=Z,400nm,5.5s					LR	LR
GTA	comp=Z,920nm,17.5s					LR	LR
O58A	Lewisberry	58.74	64	P	P	17 49 10.5	+0.2
PAGS	Pennsylvania G	58.76	63	Iamb	Iamb	17 49 11.0	
R56A	Gull Pasture II	58.80	67	P	P	17 49 10.1	-0.8
Q57A	Strasburg	58.83	66	P	P	17 49 10.1	-0.7
346A	Big Creek Wild	58.87	79	IAMS_20	IAMS_20	18 15 35.1	
X51A	Calhoun	58.91	74	IAMS_20	IAMS_20	18 16 54.8	
SEM	Semipalatinsk	58.93	316	eP	pP	17 49 10.2	-1.5
SEM	Semipalatinsk	58.93	316	eP	pmax	17 49 10.1	-1.5
SEM	Semipalatinsk	58.93	316	pmax	pmax		
LRAL	Lakeview Retre	58.94	76	IAMS_20	IAMS_20	18 17 17.7	
M60A	Port Jervis	58.94	61	P	P	17 49 11.6	0.0
O59A	Robesonia	58.96	63	P	P	17 49 12.1	+0.3
W52A	Murphy	58.99	72	IAMS_20	IAMS_20	18 15 52.1	
U54A	Nelsons Funny	59.00	70	P	P	17 49 12.1	-0.1
U54A	Nelsons Funny	59.00	70	IAMS_20	IAMS_20	18 15 22.3	
N60A	Cedar Hill Far	59.06	62	P	P	17 49 12.2	-0.2
LUPA	Lehigh Univer	59.14	62	Iamb	Iamb	17 49 13.9	
V53A	Saluda	59.14	71	IAMS_20	IAMS_20	18 14 58.9	
ODNJ	Ogdensburg	59.14	61	IAMS_20	IAMS_20	18 11 11.6	
BLA	Blacksburg	59.20	68	P	P	17 49 13.1	-0.4
BLA	Blacksburg	59.20	68	Iamb	Iamb	17 49 14.0	
LZH	Lanzhou	59.20	290	pP	sP	17 49 14.5	+0.8
LZH	Lanzhou	59.20	290	sP	pP	17 49 17.8	-0.3
LZH	Lanzhou	59.20	290	pP	pP	17 49 19.3	+2.4
LZH	comp=Z,51nm,1.3s					pmax	pmax
LZH	comp=Z,450nm,6.9s					LR	LR
LZH	comp=Z,21m,14.9s					LR	LR
LZH	comp=Z,21m,15.2s					LR	LR
LZH	comp=Z,11m,18.1s					LR	LR
Q58A	Fox Den Farm,	59.26	65	P	P	17 49 14.1	+0.2
S56A	Natural Bridge	59.28	67	P	P	17 49 14.1	+0.1
KURK	Kurchatov	59.30	317	P	P	17 49 13.9	-0.1
KURK	Kurchatov	59.30	317	pmax	pmax		
KURK	Kurchatov	59.30	317	MLR	MLR		
KURK	Kurchatov	59.30	317	P	P	17 49 13.9	-0.1
KURK	Kurchatov	59.30	317	P	P	17 49 14.7	+0.7
KURK	Kurchatov	59.30	317	P	P	17 49 14.7	+0.7
SDMD	Soldier's Deli	59.33	64	Iamb	Iamb	17 49 16.4	
R57A	Standardsville	59.33	66	P	P	17 49 14.6	+0.3
O60A	Telford	59.34	63	P	P	17 49 13.9	-0.5
P59A	Hartslettsville	59.37	64	P	P	17 49 14.4	-0.2
KURBB	Kurchatov Arra	59.41	317	P	P	17 49 15.3	+0.6
KURBB	comp=Z,32nm,1.1s,baz=32,slow=6.9,SNR=59					PP	PP
ZSN	Zaisan	59.41	311	eP	pP	17 49 14.0	-0.8
ZSN	Zaisan	59.41	311	eP	pmax	17 49 14.0	-0.8
ZSN	Zaisan	59.41	311	pmax	pmax		
S57A	Dark Hollow, R	59.53	67	P	P	17 49 15.9	+0.2
WUPA	West Chester U	59.53	63	Iamb	Iamb	17 49 18.8	
WUPA	comp=Z,35nm,1.4s					IAMS_20	IAMS_20
T56A	Rocky Mt	59.54	68	P	P	17 49 15.7	-0.1
BG3	Lake Jocassee	59.59	72	Iamb	Iamb	17 50 05.2	
BG3	comp=Z,21nm,1.3s					IAMS_20	IAMS_20
BG3	Rapidan	59.59	66	P	P	17 49 16.0	-0.2
CPNY	Central Park	59.68	61	Iamb	Iamb	17 49 18.3	
Z51A	Franklin	59.70	75	IAMS_20	IAMS_20	18 16 50.7	
V55A	Taylorsville	59.83	70	P	P	17 49 17.0	-0.8
V55A	comp=Z,21m,20.0s					IAMS_20	IAMS_20
Y52A	Libburn	59.87	73	IAMS_20	IAMS_20	18 17 40.2	
U66A	King	59.88	69	P	P	17 49	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MARD, ESDC, WRA, ASAR, PLCA, BOSA.

NEIC 31 17:49:41.0, 1.8, 56.27N, 0.07x, 157.6W, 0.1, h76km, 12km, Error ellipse: s-maj=13.5km s-min=5.1km az=136.0

AEIC 31 17:49:42.2, 1.56, 26N, 0.06x, 157.5W, 0.07, h56km, 8km, ML3.6, ML3.6/16(NEIC), Error ellipse: s-maj=8.6km s-min=5.4km az=156.0, Alaska Peninsula

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including CHGN, VNSG, VNHG, PLBL, etc.

JMA 31 17:57:36.7, 0.1, 24.04N, 122.27E, h26km, 9km, M1.9, TAP 31 17:57:37.5, 24.17N, 122.20E, h22km, 1km, ML2.5, D

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes station ENA.

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including ENA, TWD, NACB, TWC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including YM03, NSTT, NSTT, etc.

AEIC 31 18:03:12.4, 5.56, 48N, 0.04x, 169.1W, 0.1, h4km, 6km, Error ellipse: s-maj=9.5km s-min=5.9km az=67.0

NEIC 31 18:03:13.2, 6.2, 56.62N, 0.05x, 169.12W, 0.08, h7km, 9km, ML3.6/20(AEIC), Error ellipse: s-maj=8.5km s-min=5.4km az=216.0

ICC 31 18:03:14.1, 2.9, 56.51N, 168.97W, h0km, mb3.4/2, mb1 3.8/6, mb1mx3.3/62, mbmtmp3.6/6, ML3.2/4, Error ellipse: s-maj=68.5km s-min=21.0km az=171.0

ISC 31 18:03:14.4, 0.7, 56.63N, 0.06x, 168.98W, 0.06, h10km, n64, c1532/69, Pribilof Islands

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including SPIA, AKGG, MSW, etc.

THR 31 18:06:00.2, 0.3, 37.31N, 54.51E, h18km, 9km, ML4.0, TEH 31 18:06:03.0, 37.28N, 54.46E, h19km, ML4.1

IDC 31 18:06:05.5:1.0,36:197N:54:61E,h37km,6mk,mb3.5/13, mb1.3/6.18,mb1mx3.5/44,mb1mx3.6/18,ML2.9/4, Error ellipse: s-maj=20.1km s-min=13.1km az=11.0

ISC 31 18:06:03.0:0.5,37:37N:0:05.547E:0:04,h10km,n77, z=201/81,mb3.5/13,Iran-Turkmenistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ghaloghah, Shahmirzad, Anjilo, Peran, etc.

Table with columns: DVE, Vedeno, ARKAR, Arakani, etc. Includes station names and associated data.

IDC 31 18:55:41.8:0.6,7:74N:82:84W,h0km,mb4.1/17, mb1.4/3.22,mb1mx1.2/41,mbtmp4.2/22,ML3.4/5,MS4.7/15, MS1.4/7.15,ms1mx4.5/26, Error ellipse: s-maj=23.8km s-min=12.4km az=51.0

UCR 31 18:55:41.6:2.1,7:64N:82:90W,h9km,11km,ML4.4, MV4.9,mb5.3(NEIC)

NEIC 31 18:55:44.0:2.2,7:72N:0:06:82:95W:0:07,h16km,4km, s-maj=10.9km s-min=8.2km az=52.0

UPA 31 18:55:44.0:2.1,7:74N:82:85W,h20km,21km,MW5.6 NEIC 31 18:55:45.4:7.75N:82:96W,h20km,Moment Tensor

Solution. Moment tensor. Scale 10^16Nm; Mr3.16; Mw=2.79; Mw=0.37; Mw1.68; Mw9.27; Mw0.31; Fault plane solution: M9.89000:1016 NP1:355.59000: 0.76:16000:1.172:13000: NP2:87.49000:882.36000: 1.39.97000: Principal axes: T 8.1303,Plg15.0000: Azm312.0000: N 2.8738,Plg74.0000: Azm116.0000: P -11.0042,Plg4.0000: Azm221.0000:

GCMT 31 18:55:46.0:0.2,7:68N:0:01:82:93W:0:01,h12km, MW5.2/131, Moment Tensor Solution. s74,67; s131,c221: Duration: 19:0 Moment tensor. Scale 10^16 Nm; Mr=2.02; Mw=1.68; Mw7.95; Mw=2.54

GCMT 31 18:55:44.0:2.1,7:74N:82:85W,h20km,21km,MW5.6 NEIC 31 18:55:45.4:7.75N:82:96W,h20km,Moment Tensor Solution. Moment tensor. Scale 10^16Nm; Mr=2.54; Mw=1.42; Mw=3.95; Mw1.68; Mw7.95; Mw=2.54

GCMT 31 18:55:44.0:2.1,7:74N:82:85W,h20km,21km,MW5.6 NEIC 31 18:55:45.4:7.75N:82:96W,h20km,Moment Tensor Solution. Moment tensor. Scale 10^16Nm; Mr=2.54; Mw=1.42; Mw=3.95; Mw1.68; Mw7.95; Mw=2.54

GCMT 31 18:55:44.0:2.1,7:74N:82:85W,h20km,21km,MW5.6 NEIC 31 18:55:45.4:7.75N:82:96W,h20km,Moment Tensor Solution. Moment tensor. Scale 10^16Nm; Mr=2.54; Mw=1.42; Mw=3.95; Mw1.68; Mw7.95; Mw=2.54

GCMT 31 18:55:44.0:2.1,7:74N:82:85W,h20km,21km,MW5.6 NEIC 31 18:55:45.4:7.75N:82:96W,h20km,Moment Tensor Solution. Moment tensor. Scale 10^16Nm; Mr=2.54; Mw=1.42; Mw=3.95; Mw1.68; Mw7.95; Mw=2.54

ISC 31 18:55:43.0:1.4,7:73N:0:04:82:90W:0:04,h9km,6mk,n278,e197/20,mb4.7/10,MS4.6/17,18C-9D,South of Panama

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Caracol de Cor, Carate, Puerto, etc.

Table with columns: PNME, Penonome, PCRI3, Poci, Los San, SRA1, San Ramn, etc. Includes station names and associated data.

PTGA	comp-Z,19nm,1.2s,baz=289,slow=13,SNR=9.6	LR	LR	19 11 29.8
PTGA	comp-Z,2um,18.7s,baz=284,slow=39	LR	LR	19 00 59.9 -1.9
PTGA	Pitinga 24.37 109 P	I Amb	I Amb	19 01 17.7
MACA	comp-Z,29nm,1.1s	P	P	19 01 10.8 +6.4
344A	Manacapuru-AM 24.67 114 eP	P	P	19 01 03.8 -0.8
152A	Westbrook Farm 24.70 344 eP	I Amb	I Amb	19 01 06.0 -0.0
342A	Waverly Hall 24.87 356 P	I Amb	I Amb	19 01 16.0
342A	comp-Z,15nm,0.8s	P	P	19 01 08.2 -0.0
342A	Flagon Creek P 25.11 341 P	I Amb	I Amb	19 01 44.8
NHSC	comp-Z,29nm,1.0s	P	P	19 01 11.8 +1.2
146A	New Hope 25.37 5 P	P	P	19 01 11.7 +0.6
LRAL	Lakeview Retre 25.43 348 P	I Amb	I Amb	19 01 11.8 +0.4
LRAL	Lakeview Retre 25.46 352 P	I Amb	I Amb	19 01 13.0
GOGA	comp-Z,18nm,1.1s	P	P	19 01 13.7 +1.5
GOGA	Godfrey 25.56 359 P	I Amb	I Amb	19 01 49.0
SAML	comp-Z,18nm,1.2s	P	P	19 01 13.1 -0.7
SAML	Samuel 25.70 130 P	I Amb	I Amb	19 01 30.7
YS2A	comp-Z,26nm,1.1s	P	P	19 01 17.4 +0.9
YS2A	Libburn 42.03 358 P	I Amb	I Amb	19 01 58.7
JSC	comp-Z,17nm,1.1s	P	P	19 01 20.1 -0.4
Y45A	Jenkinsville 26.46 3 P	P	P	19 01 22.9 +0.2
X51A	Yeager Farm, C 26.72 348 P	I Amb	I Amb	19 01 22.9 +0.2
X51A	Calhoun 26.76 356 P	I Amb	I Amb	19 01 31.1
JCT	comp-Z,40nm,1.4s	P	P	19 01 32.6 +1.6
Tuckaleeches C	Junction City 27.62 327 P	LR	LR	19 13 29.1
TKL	comp-Z,2um,18.1s,baz=183,slow=38	P	P	19 01 34.9 +2.4
TKL	Tuckaleeches C 27.80 358 P	I Amb	I Amb	19 02 12.0
WHAR	Woolly Hollow 28.75 340 P	P	P	19 01 43.2 +2.2
TXAR	Lajitas Array 29.04 320 P	P	P	19 01 44.7 +1.0
TXAR	comp-Z,0.3nm,0.3s,baz=41,slow=45,SNR=1.9	LR	LR	19 15 03.1
LCAR	Lake Charles 29.20 346 P	P	P	19 01 46.0 +1.1
H06E1	SOCORRO T-PHAS29.35 295 T	T	T	19 32 35.0
ITTB	Itaituba 29.65 113 eP	P	P	19 01 55.6 +6.3
T42A	Van Buren 30.10 347 P	I Amb	I Amb	19 02 07.2
S57A	Dark Hollow, R 30.11 6 P	I Amb	I Amb	19 01 55.0 +2.0
S57A	comp-Z,25nm,1.3s	P	P	19 01 56.7
MLM	Monte Alegre 30.11 107 eP	P	P	19 02 00.2 +6.9
CMB	Cathedral Cave 31.12 347 P	P	P	19 02 01.5 -0.4
P51A	Williamsport 31.61 360 P	P	P	19 02 08.0 +1.8
MNTX	Cornudas Mount 31.74 322 P	I Amb	I Amb	19 02 07.7 +0.2
MNTX	comp-Z,15nm,1.8s	P	P	19 02 49.7
SIV	San Ignacio 31.98 138 P	P	P	19 02 08.8 -1.0
LVC	comp-Z,3.4nm,1.0s,baz=320,slow=11,SNR=7.5	P	P	19 02 21.4 +1.3
LVC	Limon Verde 32.12 156 P	I Amb	I Amb	19 02 38.6
LVC	comp-Z,2.8nm,0.8s,baz=183,slow=8,SNR=2.4	P	P	19 02 38.6
121A	Limon Verde 32.12 156 I Amb	I Amb	I Amb	19 02 38.6
121A	Cookes Peak, D 33.80 320 P	I Amb	I Amb	19 02 24.9 -0.8
ANMO	comp-Z,9.3nm,0.9s	P	P	19 02 40.9
TUC	Albuquerque 34.66 325 P	P	P	19 02 33.4 +0.2
TUC	Tucson 35.62 317 P	I Amb	I Amb	19 02 41.1 +0.7
214A	Organ Pipe Nat 44.18 319 P	P	P	19 02 50.6
WUAZ	Wupatki 36.81 315 P	P	P	19 02 51.1 -0.4
GLA	Glamis 38.00 321 P	P	P	19 03 00.2 +0.8
PFO	Glamis 38.83 315 P	P	P	19 03 09.6 +0.9
CO02	Pinoy Flats O 40.28 314 P	P	P	19 03 21.9 +1.0
CO02	comp-Z,2.2nm,0.6s,baz=183,slow=9,SNR=2.2	P	P	19 03 21.0 -0.4
CO02	Combarbal 40.36 164 P	I Amb	I Amb	19 03 22.3
SHPR	comp-Z,26nm,1.1s	P	P	19 03 26.4 -0.6
ZON	Sheep Range 41.03 319 P	P	P	19 03 29.2 -0.4
ZON	Zonda 41.36 161 P	I Amb	I Amb	19 03 47.7
ROC1	El Roble 42.03 165 P	P	P	19 03 34.2 -1.1
SFR3	Spring Creek 3 44.27 147 eP	P	P	19 03 39.4 +0.5
PDAR	Pinedale Array 42.04 330 P	P	P	19 03 35.4 +0.2
R11A	comp-Z,0.6nm,0.8s,baz=129,slow=12,SNR=2.8	P	P	19 03 39.1 +0.9
TPH	Troy Canyon, C 42.40 321 P	P	P	19 03 45.9 +0.5
ELK	Toponah 43.69 324 P	P	P	19 03 48.4 +0.1
ULM	Lac du Bonnet 43.74 348 P	P	P	19 03 47.4 -1.2
ULM	comp-Z,4.0nm,0.5s,baz=156,slow=8,SNR=1.1	LR	LR	19 23 24.7
NVAR	comp-Z,449nm,18.7s,baz=156,slow=38	P	P	19 03 54.2 +1.6
NVAR	Mina Array 44.18 319 P	LR	LR	19 23 24.4
ITQB	Itaituba 44.27 147 eP	P	P	19 03 58.1 -0.6
HLID	Halley 45.09 328 P	P	P	19 04 00.1 +0.3
BI02	San Fabin de 45.49 167 P	P	P	19 04 01.7 -1.1
PAHR	Pah Rah Range 45.59 320 P	I Amb	I Amb	19 04 03.9 +0.1
PAHR	comp-Z,2.1nm,1.6s	I Amb	I Amb	19 04 30.5
DIAM	Diamond MG 46.56 124 eP	P	P	19 04 16.3 +4.6
WVOR	Wild Horse Val 46.73 324 P	P	P	19 04 11.7 -1.0
ORV	Oroville 46.88 319 P	P	P	19 04 14.6 +0.9
LC01	Unco 47.51 168 P	P	P	19 04 17.2 -1.3
PINE	Pine Mountain 48.90 324 P	I Amb	I Amb	19 04 29.6 0.0
PLCA	comp-Z,8.2nm,1.2s	P	P	19 04 33.6 -0.7
BBB	Paso Flores 49.55 168 P	P	P	19 04 32.6
BBB	comp-Z,7.0nm,0.8s,baz=345,slow=9,SNR=15	P	P	19 04 36.6
YKA	Bella Bella 57.64 329 LR	LR	LR	19 05 43.2 -1.9
TAOE	comp-Z,4.2nm,21.4s,baz=289,slow=38	P	P	19 05 43.2 -1.9
RKT	Nuku Hiva Isla 59.37 255 eLR	LR	LR	19 23 03.2
DLBC	Rikitea 59.43 238 eLR	LR	LR	19 22 47.3
DLBC	Dease Lake 62.07 334 LR	LR	LR	19 37 58.8
INUK	comp-Z,1um,18.1s,baz=118,slow=41	P	P	19 06 49.4 +0.7
PPT2	Inukik 69.03 342 P	LR	LR	19 27 59.8
PPT2	Papeete2 70.48 248 eLR	LR	LR	19 27 59.8
TBI	Tubuai 71.96 242 eLR	LR	LR	19 28 47.5
ILAR	comp-Z,581nm,28.8s	P	P	19 07 07.3 -0.3
ORV	Gleason Array 72.12 336 P	P	P	19 07 07.3 -0.3
RND	comp-Z,0.7nm,0.8s,baz=113,slow=4.8,SNR=7.7	P	P	19 07 09.8 -0.1
RND	Reindeer 72.47 334 P	I Amb	I Amb	19 07 21.4
KDAK	comp-Z,1.1nm,1.0s	P	P	19 07 21.4
KDAK	Kodiak Island 72.71 328 LR	LR	LR	19 07 21.4
ESDC	comp-Z,303nm,19.7s,baz=107,slow=38	P	P	19 07 35.0 +0.7
TIC	Sonsea Array 76.60 51 P	P	P	19 07 35.0 +0.7
LIC	comp-Z,1.5nm,1.0s,baz=76,slow=6,SNR=3.8	P	P	19 07 36.5 -1.5
LIC	Lamto 77.21 85 eP	P	P	19 07 38.1 -0.1
DBIC	comp-Z,40nm,1.2s	P	P	19 07 37.1 -1.7
DBIC	Dimbokro 77.33 85 P	P	P	19 07 37.1 -1.7
KOWA	comp-Z,5.8nm,1.0s,baz=227,slow=6,SNR=3.1	P	P	19 07 38.9 -0.2
KOWA	Kowa 77.39 77 I Amb	I Amb	I Amb	19 07 47.9
KIC	comp-Z,6.6nm,0.8s	P	P	19 07 38.9 -0.8
KIC	Kosan Boka 77.48 85 eP	P	P	19 07 38.9 -0.8
TOAD	comp-Z,8nm,1.1s	P	P	19 08 09.6 -0.1
TOAD	Torodi Ar. Sit 83.04 78 P	P	P	19 08 09.6 -0.1
TOAD	Torodi Ar. Bea 83.04 78 P	P	P	19 08 08.6 -1.0
NORD	comp-Z,2.4nm,0.9s,baz=290,slow=4.4,SNR=4.5	P	P	19 08 08.6 -1.0
NORD	Torodi Ar. Bea 83.04 78 P	LR	LR	19 46 40.3
NORD	NORSAF Array B 85.29 29 LR	LR	LR	19 46 40.3
HFS	comp-Z,242nm,16.8s,baz=270,slow=36	P	P	19 08 28.5 +1.7
HFS	Hagfors 86.63 30 P	P	P	19 08 28.5 +1.7
CLL	comp-Z,1.8nm,0.7s,baz=288,slow=5.9,SNR=1.9	P	P	19 08 33.0 +0.8
CLL	Colim 87.10 39 eP	P	P	19 08 33.1 +1.6
GERES	GERES Array B 87.61 41 P	P	P	19 08 38.1 +1.6
GERES	comp-Z,0.4nm,0.6s,baz=231,slow=6.2,SNR=3.1	P	P	19 08 38.1 +1.6
FINES	comp-Z,330nm,21.7s,baz=248,slow=31	LR	LR	19 51 09.8
FINES	FINES Array B 87.62 27 LR	LR	LR	19 51 09.8
FINES	comp-Z,278nm,18.6s,baz=326,slow=36	LR	LR	19 51 09.8

AKASG	Malin Array Be 97.71 36 LR	LR	19 51 32.3	
SYO	comp-Z,206nm,21.1s,baz=320,slow=34	P	P	19 51 02.5 -3.3
SYO	Siowa Base 108.45 1611 ePdiff	Pdf	Pdf	19 47 20.0
DZM	Mont Dzumac 111.97 249 eLR	LR	LR	19 14 30.0 +4.5
KURK	Kurchatov 116.63 13 P	PKIKP	PKIKP	19 14 38.0 +4.3
KURBB	Kurchatov Arra 119.69 14 PKP	PKIKP	PKIKP	19 14 38.0 +4.3
MKAR	comp-Z,0.4nm,0.7s,baz=332,slow=2.1,SNR=3.1	P	P	19 14 43.5 +0.9
MKAR	Malakanchi Array 124.14 12 PKP	PKIKP	PKIKP	19 14 43.5 +0.9
WMQ	Urukini 127.98 9 eP	PKPpdf	PKPpdf	19 14 49.5 -0.3
HHC	Hu-ho-hao-te 129.85 346 eP	PKPpdf	PKPpdf	19 14 50.5 -0.3
NJ2	Nanjing 135.32 333 eP	PKPpdf	PKPpdf	19 15 02.0 -1.9
NJ2	comp-Z,9.0nm,0.5s	pmax	pmax	19 15 02.0 -1.9
LZH	Lanzhou 135.95 352 ePKP	PKPpdf	PKPpdf	19 15 00.8 -4.4
LZH	comp-Z,2.9nm,0.5s	pPKP	pPKP	19 15 00.8 -4.4
LZH	comp-Z,2.9nm,0.5s	pPKP	pPKP	19 15 00.8 -4.4
LZH	comp-Z,2.9nm,0.5s	pPKP	pPKP	19 15 00.8 -4.4
ASAR	Alice Springs 141.34 242 PKhKP	PKPpre	PKPpre	19 15 08.3
ASAR	comp-Z,0.6nm,0.8s,baz=111,slow=3.6,SNR=7.9	P	P	19 15 14.4 -0.8
ASAR	comp-Z,0.7nm,0.7s,baz=102,slow=2.6,SNR=5.5	P	P	19 15 10.3
WRA	Warramunga Arr 141.96 247 PKhKP	PKPpre	PKPpre	19 15 10.3
WRA	comp-Z,0.9nm,0.3s,baz=288,slow=22,SNR=38	P	P	19 15 17.4 +1.0
WRA	comp-Z,1.7nm,0.7s,baz=107,slow=3.2,SNR=8.7	P	P	19 15 17.4 +1.0
GYA	Guizang 144.77 345 eP	PKIKP	PKIKP	19 15 26.0 +0.9
GYA	comp-Z,10.0nm,1.1s	pmax	pmax	19 15 26.0 +0.9
HYB	Hyderabad 149.01 36 I PKP	PKPpdf	PKPpdf	19 15 26.0 -2.6
CMAR	Chiang Mai Arr 153.91 356 PKPbc	PKPbc	PKPbc	19 15 43.1 -0.8
CMAR	comp-Z,0.6nm,0.7s,baz=322,slow=2.9,SNR=5.3	P	P	19 15 42.6 -1.3
CMAR	Chiang Mai Arr 153.91 356 PKPbc	PKPbc	PKPbc	19 15 42.6 -1.3

IDC 31 18:57:47.0±0.5, 5:22N-82°62W, h0km, mb4.7/22, mb1 4.9/27, mb1mx4.8/39, mbtmp4.8/27, ML4 1/5, Error ellipse: s-maj=19.9km s-min=10.3km az=51.0
 MOS 31 18:57:47.5±1.1, 5:34N-82°53W, h14km, mb5.1/5, Error ellipse: s-maj=10.9km s-min=6.0km az=111.7
 NEIC 31 18:57:48.4±1.9, 5:29N-02:82°59W, h0.06, h11km, 3km, mb5.1/388, Error ellipse: s-maj=9.4km s-min=2.3km az=102.0
 UCR 31 18:57:49.8±1.7, 5:34N-82°77W, h35km, 369km, MW4.8, mb5.1(NEIC)
 GCMT 31 18:57:51.4±0.2, 5:30N-01:82°67W, h0.01, h17km, Mw5.3/138, Moment tensor Solution, s67, c86, s138, c200; Duration: 150 Moment tensors; Scale 10¹⁶ Nm; Mo=0.8±0.21; Mw=0.48±0.21; Ms=0.31±0.24; Mo=0.74±0.47; Mw=0.59±1.19; Mo=0.60±0.46; Best double couple: M=9.63200e+10¹⁶ NP1:9e+000000, 886.000000, 1.177.000000, NP2:9.00.000000, 887.000000, 1.4.000000; Principal axes: T 10.0720, Plg5.0000, Azm315.0000; N -0.8810, Plg85.0000, Azm127.0000; P -9.1920, Plg1.0000, Azm225.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
 ISC 31 18:57:49.1±0.3, 5:30N-01:82°66W, h0.05, h15km, n788, 1827/692, mb5.1/231, MS4.8/11, 7C-11D, South of Panama

Code	Station Name	Δ°	AZ°	Phase ID	Time s	Res
GMAL	Guarumal, Vera	2.83	30	eP	Pn	18 58 31.2 -2.6
PIRO	Carate, Puerto	3.16	348	eP	Pn	18 58 34.9 -3.5
AZI	Azuay	3.43	44	eP	Pn	18 58 35.0 -2.0
RIOS	Rincon, Osa	3.49	346	eP	Pn	18 58 40.2 -2.7
RIOS	comp-Z,1.2nm,0.7s,baz=107,slow=3.2,SNR=8.7	eS	Sn	18 59 21.2 -2.7		
EDSV	San Vito	3.52	355	eP	Pn	18 58 41.4 -2.0
EDPN	Palmar Norte	3.73	348	eP	Pn	18 58 44.0 -2.2
EDPN	comp-Z,1.2nm,0.7s,baz=107,slow=3.2,SNR=8.7	eS	Sn	18 59 27.8 -2.1		
POTG	Potrero Grande	3.76	353	eP	Pn	18 59 45.5 -1.2
EDBA	Buenos Aires	3.89	351	eP	Pn	18 58 47.6 -0.9
DRKO	Durika	3.99	352	eP	Pn	18 58 47.9 -2.0
EDLM	Las Mercedes	4.07	347	eP	Pn	18 58 49.2 -1.7
EDDO	Dominical	4.11	343	eP	Pn	18 58 49.1 -2.3
PEZE	Perez Zeledon	4.19	346	eP	Pn	18 58 50.6 -2.0
RIMA	Rio Macho	4.60	345	eP	Pn	18 58 57.1 -1.3
LCR2	La Lucha 2	4.62	343	eP	Pn	18 58 56.9 -1.7
BCIP	Isla Barro Col	4.75	36	Pn	Pn	18 59 00.2 -0.2
BCIP	comp-Z,1.2nm,0.7s,baz=107,slow=3.2,SNR=8.7	Sn	Sn	18 59 57.1 -1.6		
JACO	JACO, Garabito	4.77	336	eP	Pn	18 58 58.1 -2.5
CSJS	Cajonia Geolog	4.82	343	eP	Pn	18 59 00.9 -1.1
CVTR	Volcan Turrial	4.82	347	eP	Pn	18 59 00.7 -0.9
BATAN	Batan	4.83	352	eP	Pn	18 59 00.9 -0.4
HDC	Heredia	4.89	343	eP	Pn	18 59 01.5 -0.9
HDC	Heredia	4.89	343	eP	Pn	18 59 00.8 -1.6
HDC	Heredia	4.89	343	eP	Pn	18 59 00.8 -1.6
HDC	Heredia	4.89	343	eP	Pn	1

31d 18h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like W52A Murphy, CCAR Cane Creek, and ABTX Abilene, Hawie.

2015 JAN

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like W39A Magazine, W39A Magazine, and MCWV Mont Chateau.

1480

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like P58A Pank, Wackersv, and CO03 El Pedregal.

Code	Station Name	°A	°Z	Phase	ID	Time	Res	ISC
Code	Station Name	°A	°Z	Phase	ID	h	m	s
SPIA	Saint Paul Isl	0.85	310	Op	ISC	19 33 25.8	-1.2	
AKGG	Akutan Green G	3.01	143	Pg	Sg	19 33 37.0	0.0	
AKSW	Makushin Switc	3.01	143	Pn	Pn	19 33 37.1	-1.1	
AKRB	Akutan Reef Bv	3.04	145	Pn	Pn	19 33 37.7	0.8	
AKLV	Akutan Long Va	3.05	143	Pn	Pn	19 33 58.5	-0.2	
MNAT	Makushin Natee	3.08	153	Pn	Pn	19 33 57.9	-1.0	
MAPS	Pakushin South	3.09	156	Pn	Pn	19 33 57.9	-1.4	
AKUT	Akutan	3.13	142	Pn	Pn	19 33 58.9	-0.5	
UNV	Unalaska Valle	3.30	168	Pn	Pn	19 33 59.5	-0.5	
UNV	Unalaska Valle	3.32	172	Pn	Pn	19 34 00.3	0.0	
UNV	Unalaska Valle	3.15	151	Pn	Pn	19 34 37.0	-1.0	
WEBT	Westdahl Beart	3.19	128	Pn	Pn	19 34 00.0	-0.8	
OKWE	Okmok W'ng Wal	3.21	171	Pn	Pn	19 33 59.2	-1.9	
WESP	Westdahl Peak	3.27	129	Pn	Pn	19 34 01.0	-0.9	
OKFO	Magazine Ridge	3.30	168	Pn	Pn	19 34 01.9	-0.4	
OKSP	Okmok Steeple	3.42	172	Pn	Pn	19 34 02.4	-1.6	
NIKH	Nikolski High	3.68	178	Pn	Pn	19 34 07.2	-0.2	
SDPT	Sand Point	4.99	101	Pn	Pn	19 34 26.6	+1.2	
ATKA	Atka Island	5.57	216	Pn	Pn	19 34 31.9	+1.2	
VNHG	Veniaminof I	5.50	90	Pn	Pn	19 34 31.5	-1.1	
CHGN	Chignik	5.91	89	Pn	Pn	19 34 39.3	+0.3	
ADK	Adak	6.53	226	Pn	Pn	19 34 46.9	+0.2	
GAMB	Gambell	7.28	351	Pn	Pn	19 34 55.2	-1.7	
ANN	Nome	8.15	11	Pn	Pn	19 35 08.3	-0.5	
OHAK	Old Harbor	8.64	80	Pn	Pn	19 35 18.1	+2.5	
AKMA	Amchitka	9.04	237	Pn	Pn	19 35 16.8	+1.2	
KDKA	Kodiak Island	9.07	88	Pn	Pn	19 35 23.2	+2.6	
KDKA	baz=218,slow=8.0,SNR=1.4			Sn	Sn	19 37 00.6	-1.4	
KDKA	Kodiak Island	9.07	76	Pn	Pn	19 35 22.2	+1.7	
TTA	Tatalina	9.10	41	Pn	Pn	19 35 20.7	-1.1	
CNPM	China Foot	9.86	66	Pn	Pn	19 35 32.8	+0.6	
BRLL	Bradley Lake	10.08	64	Pn	Pn	19 35 35.2	-0.1	
PLLA	Purkeypile	10.54	47	Pn	Pn	19 35 40.5	-1.2	
SEW	Seward	10.85	63	Pn	Pn	19 35 46.8	+1.0	
BPWF	Bear Paw Mtn.	12.24	56	Pn	Pn	19 35 45.2	+0.3	
SCM	Sheep Creek Mo	12.24	56	Pn	Pn	19 35 45.2	+0.3	
KLU	Klutina	12.81	58	Pn	Pn	19 36 14.6	+1.9	
WRH	Wood River Hil	12.90	44	Pn	Pn	19 36 15.2	+1.5	
MURP	Murphy Dome	13.08	42	Pn	Pn	19 36 17.1	+0.9	
CCB	Clear Creek Bu	13.09	43	Pn	Pn	19 36 14.5	-1.8	
TCOL	TOGO, UAF Yank	13.18	43	Pn	Pn	19 36 18.6	+1.1	
COLA	College	13.18	43	Pn	Pn	19 36 18.5	+1.0	
HDA	Harding Lake	13.31	45	Pn	Pn	19 36 20.6	+1.3	
PAX	Paxson	13.40	52	Pn	Pn	19 36 21.4	+0.8	
N25K	Chitina, Valde	13.46	58	Pn	Pn	19 36 21.4	-0.1	
IL31	Ilisar	13.50	40	Pn	Pn	19 36 23.7	+1.9	
ILAR	Eielson Array	13.50	44	Pn	Pn	19 36 21.8	-0.1	
ILAR	Eielson Array	13.50	44	Pn	Pn	19 36 23.2	+1.3	
GLB	Gilghina Butte	13.80	59	Pn	Pn	19 36 25.9	+0.3	
VRDI	Verde Repeater	13.81	60	Pn	Pn	19 36 28.4	+0.3	
CROM	Cirque	14.04	62	Pn	Pn	19 36 31.1	+1.6	
MCARA	McCCarthy VSAT	14.17	60	Pn	Pn	19 36 31.1	+0.1	
TGL	Tana Glacier	14.19	62	Pn	Pn	19 36 32.0	+0.5	
DOT	Dot Lake	14.21	50	Pn	Pn	19 36 30.5	-1.2	
BALM	Baldy	14.45	61	Pn	Pn	19 36 36.3	+1.2	
BARN	Barnard Glacie	14.79	61	Pn	Pn	19 36 40.1	+0.8	
CTGM	Chitina Glacie	14.94	62	Pn	Pn	19 36 40.8	-0.9	
FYU	Fort Yukon	14.96	39	Pn	Pn	19 36 41.4	-0.4	
BCAR	Beaver Creek A	15.04	53	Pn	Pn	19 36 42.1	-0.9	
BMAR	Burnt Mountain	15.63	36	Pn	Pn	19 36 59.0	+0.3	
HYT	Haines Junction	16.80	62	P	P	19 37 08.1	+0.1	
EPYK	Eagle Plains	18.37	60	P	P	19 37 04.1	+0.1	
WHY	Whitehorse	18.09	63	P	P	19 37 21.9	0.0	
PEA0B	Petropavlovsk	19.34	274	P	P	19 37 35.9	0.0	
PEA0B	Petropavlovsk	19.34	274	Iamb	Iamb	19 37 50.1		
PETK	comp=Z,27nm,1.2s			P	P	19 37 35.3	-0.5	
PETK	Petropavlovsk	19.34	274	P	P	19 37 36.0	+0.1	
INIK	Inuvik	19.79	40	P	P	19 37 41.0	+0.4	
INIK	Inuvik	19.79	40	Iamb	Iamb	19 37 40.2	-0.4	
SEY	Seymchan	20.15	304	P	P	19 37 44.3	-0.2	
UNV	Unalaska 0.8s,baz=104,slow=9.4,SNR=1.2			P	P	19 37 54.6	+0.2	
DLBC	Dease Lake	20.82	69	P	P	19 37 53.3	+1.2	
DLBC	Dease Lake	20.82	69	Iamb	Iamb	19 37 53.3	+1.2	
DLBC	Dease Lake	20.82	69	P	P	19 37 53.3	+1.2	
C36M	Paulatuk	23.37	39	P	P	19 38 19.7	+0.9	
C36M	Paulatuk	23.37	39	Iamb	Iamb	19 38 24.5		
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	P	P	19 38 56.0	-0.3	
YKA	Yellowknife Ar	27.45	55	Iamb	Iamb	19 38 56.0	-0.3	

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOKA Soboth, FETA Feichten, OBKA Obrir, ABTA Abfattersbach, FITZ Fitzroy Crossi, ASAR Alice Springs.

JMA 31 19:50:07.6:0.4, 46.37N:140.93E, h0km, mb3.7/6, SKHL 31 19:50:08.6:0.5, 46.45N:140.97E, h5km, mb3.7/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JRBN Rebuntou, KHLM Kholmisk, KJMK Keikoku, JWJK JWJK, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Shosan.

IDC 31 20:03:29.6:1.5, 56.54N:169.05W, h0km, mb3.7/6, AEIC 31 20:03:31.1:7.5, 56.64N:169.26W, h0km, mb3.7/6, NEIC 31 20:03:32.1:1.4, 56.63N:169.16W, h0km, mb4.0/2

IDC 31 20:03:31.3:0.6, 56.54N:169.06W, h10km, n39, o96/41, mb3.9/5, Pribilof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPIA Saint Paul Isl, AKGG Akutan Green G, MSW Makushin Switc, AKLV Akutan Long Va, MNAT Makushin Natee, MAPS Pakushin South, AKBA Akutan Broad B, UNUT Unalaska, UNV Unalaska Valle, OKWE Okmok W'ng Wal, WECS Westdahl Cape, OKWR Okmok West Rim, WESP Westdahl Peak, NIKH Nikolski High, SDPT Sand Point, ATKA Atka Island, CHGN Chignik, ADK Adak, AMKA Amchitka, KODIA Kodiak Island, TTA Talatina, BPAW Bear Paw Mtn, N25K Chitina, Valde, ILAR Eielson Array, BCAR Beaver Creek A, BMAR Burnt Mountain, HYT Haines Junctio, PEAOB Petropavlovsk, PETK Petropavlovsk, INK Inuvik, SEY Seymour, YKA Yellowknife Arr, TXAR Lajitas Array, AKKO Aktyubinsk, AKASG Malin Array B, CMAR Chiang Mai Arr.

IDC 31 20:12:16.6:1.0, 27.92N:51.85E, h0km, mb3.9/16, NEIC 31 20:12:17.0:0.7, 28.03N:51.95E, h10km, mb3.7/1, THR 31 20:12:22.4:1.5, 27.78N:51.98E, h10km, ML3.7/9, OMAN 31 20:12:24.3:2.1, 27.87N:52.12E, h18km, mb5.1/8, ms2.7/1

IDC 31 20:12:18.6:0.5, 28.02N:0.05:51.88E:0.05, h10km, n127, +121/15, mb4.1/30, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AHBV AHRAM, LMD1 Lamerid, JHRM Jahrom, KAZI Kazerun, SHI Shiraz, LAR1 LAR, KLNJ Kolanjah, IRAM Ramesheh, BNDS Bandar-Abbas, SHME Shamm, AMIS Naft Sefid, MIBS Muhrab, IGAR Garmeh, BANOM Banaf, RST Umm Al-Ruwaisa, NAZ Nazwa, Dermal, NGRK Negar Kerman, ASUD Al Ashush, Dub.

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Main table with columns: ASUD, AI Ashush, Dub, MASF Masafi, MASF Masafi, MSFE Esma-Masafi, KHGB Koh Gabri, TVBK TV Kerman, IPIR ICHK, IBAF Bafgh, MDH Madha, MDH Madha, NASM Na'in, NASM Na'in, IZEF Zefreh, UOSS Minazif, UOSS Minazif, YOSS Yazd, HATD Hatta, Dubai, HATD Hatta, Dubai, HATD Hatta, Dubai, ASHO Ashiyah, ASHO Ashiyah, CHMH Cheshme madani, KHRH Kotoorod, SOHO SOHO, SOHO SOHO, GJAM Ghamsar, KRSH Karshahi, IKMR Kamar-sayah, ARQ Araqi, GHVR GHOM, IKFM Kafar-mosallman, IDOB Doab, HOQ Hoqain, HOQ Bisya, BSY BSY, TKDS Koobdasht(Taba), TABS Tabs, TABS Tabs, RAYN Ar Rayn, RAYN Ar Rayn, BSRN Basiran, BSRN Basiran, SMDO Samad, SMDO Samad, KCHF Cheshme Sefid, KER Kermanshah, WSAR Wadi Sarin, WSAR Wadi Sarin, IGHG Galeghazi, JMDO Jabal Madar, IDHR Dehras, WBK Wadi Bani Khal, WBK WBK, QALM Alamut, Gazvin, MHTO MHTO, JLN Jalan Bani Buh, DQM DQM, GEYT Alibeck, GEVA Gevas, MMAI Mount Meron Arr, BR13 Keskin Array S, BR13 Keskin Array S, NIL Nilore, ELL Elmali, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, ABKAR Akbulak array, ABKAR Akbulak array, AKKO Aktyubinsk, MLR Muntele Rosu, MLR Muntele Rosu, FNA FNA, AKASG Malin Array Be, BURAR Buovina Array, BUR08 Buovina Arr, MAKZ Makanchi, MAKZ Makanchi, KURB Kurbatov Arr, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, KURK Kurchatov, CONA Conrad Obsvna, OBKA Obrir, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KBA Koelnbreinspr, GERES GERES Array B, KHGS Kaspersky Hory, SQTa Sankt Quirin, MOTA Motosai, FETA Feichten, RETA Reutte.

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Table with columns: FIA1 FINESS Array S, FINES FINESS Array B, DAVA Damuels, BNI Bardonecchia, NC405 NORPAR Array S, NB2 NORPAR Subaru, NOA NORPAR Array B, CMAR Chiang Mai Arr, ARCES ACCESS Array B, ESDC Sonseca Array, TOAO Torodi Ar. Sit, TOAO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, KOWA Kowa, DBIC Dimboko, DBIC Dimboko, YKA Yellowknife Arr.

IDC 31 20:12:37.0:3.4, 5.43S:151.95E, h19km, mb4.4/25, Ms1 3.8/10, Ms1mx3.6/35, mbtm4.5/26, ML3.2/1, MS3.8/10, s-min=12.8km az=118.0, NEIC 31 20:12:39.2:1.6, 5.55S:0.06:152.05E:0.07, h35km, mb4.8/40, Error ellipse: s-maj=14.4km s-min=2.9km az=130.0

NOU 31 20:12:41.6:5.39S:151.98E, h66km, mb4.9, New Britain

DJA 31 20:12:45.0:0.9, 6'S:4:15'2"E, h79km, mb4.8, MS.1/18, mB5.4/4.0, M4.8/18, MLV5.3/2, Mv(m)B4.8/4

ISC 31 20:12:40.4:0.4, 5.54S:0.05:152.02E:0.08, h45km, n107, o121/105, mb4.6/51, MS3.7/9, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, RABL Rabaul, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, HNR Honiara, COEN Coen, PATS Pohnpei, CTAO Charters Tower, SANVU Sarauout, SANVU Sarauout, EIDS Eidsvold, SIJI Sorong, DZM Mont Dzumac, MTN Mantion Dam, WB0 Warramunga Arr, WB0 Warramunga Arr, WB2 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ARMA Armidale, ARMA Armidale, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA St. Kilda, STKA St. Kilda, BATA Baumea, BATA Baumea, BATA Baumea, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, BB00 Bucklebo, BB00 Bucklebo, FORT Forrest, PSAAO Pilbara Seismic, PSAAO Pilbara Seismic, GIRL Giralia, TUWZ Tuamarina, STKI Sintang, MORW Morawa, YULB Yu-i, MLZ Mavora Lakes, JMN Monobe, MJAR Matsuhiro Arr, JHS Korea Array, KSRS Korea Array, KSRS Korea Array, NJ2 Nanjing, NJ2 Nanjing, KLR Kul'dur, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PETK Petropavlovsk, PETK Petropavlovsk, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou.

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like MA2 Magadan, MA2 Bella, MA2 Severo-Kuril's, etc.

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like NVAR comp=Z, 4.1nm, 0.8s, NVAR comp=Z, 2.7nm, 0.7s, NVAR comp=Z, 4.81nm, 18.6s, etc.

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like B35A comp=Z, 5.2nm, 1.6s, S22A 4UR Ranch, SPX San Pedro Mart, W18A Petrified Fore, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Suwalki, Nuku Hiva Isla, Qiongzong, etc.

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

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

GO03		i S	Sn	23 46 54.0 +0.6
GO03		IAML		23 46 55.4
	comp=N,331nm,0.3s			
GO03	Copiap	2.51 314	Pn	23 46 23.6 +0.7
GO03	Copiap	2.51 314	eP	23 46 23.9 +0.9
CO03	El Pedregal	2.61 235	l i P	23 46 25.1 +0.9
CO03		i S	Sn	23 46 56.6 +0.9
CO03		IAML		23 47 01.7
	comp=E,666nm,0.5s			
CO03	El Pedregal	2.61 235	Pn	23 46 24.8 +0.6
AC02	Maricunga	2.65 342	i P	23 46 27.4 +2.4
AC02		i S	Sn	23 47 00.6 +3.5
AC02		IAML		23 47 06.5
	comp=N,146nm,0.5s			
AC02	Maricunga	2.65 342		23 46 27.3 +2.2
AC04	Llanos de Chal	2.78 294	l i P	23 46 26.4 +0.2
AC04		e S	Sn	23 46 57.5 -1.9
AC04		IAML		23 47 01.3
	comp=E,175nm,0.1s			
AC04	Llanos de Chal	2.78 294		23 46 26.7 +0.4
CO02	Combarbal	3.04 232	l i P	23 46 29.9 0.0
CO02		e S	Sn	23 47 06.0 +0.2
CO02	Combarbal	3.04 232	Pn	23 46 29.9 0.0
ARCO	CERRO ARCO	3.53 190	e P	23 46 37.2 +0.9
ARCO		IAML		23 47 21.6
	comp=Z,345nm,0.4s			
AHML	Horco Molle	3.60 45	e P	23 46 37.9 +0.6
TCA	Tanti	3.68 123	e P	23 46 38.4 -0.1
TCA		IAML		23 47 39.3
	comp=Z,208nm,0.5s			
AAGR	Agrelo	3.75 188	e P	23 46 40.2 +0.8
AAGR		e S	Sn	23 47 26.1 +3.3
AAGR		IAML		23 47 44.6
	comp=Z,177nm,0.8s			
FSA	Cafayete	3.79 32	e P	23 46 42.0 +2.1
AC01	Pan de Azucar	3.84 326	Pn	23 46 41.2 +0.7
VA03	San Esteban	3.95 210	Pn	23 46 42.1 +0.2
PEL	Peldehue	4.33 209	Pn	23 46 46.5 -0.5
PEL	Peldehue	4.33 209	e P	23 46 47.0 0.0
ROC1	El Roble	4.34 213	Pn	23 46 45.9 -1.4
ROC1	El Roble	4.34 213	e P	23 46 46.1 -1.2
GO02	Mina Guanaco	4.36 343	Pn	23 46 48.9 +1.2
MT05	Renca	4.57 208	e P	23 46 49.7 -0.6
MT05	Renca	4.57 208	Pn	23 46 49.6 -0.6
MT03	Universidad Ad	4.57 205	e P	23 46 50.4 +0.1
MT03		i S	Sn	23 47 43.5 +1.0
MT02	Curacav	4.63 212	e P	23 46 49.4 -1.6
MT02	Curacav	4.63 212	Pn	23 46 49.8 -1.2
PB14	IPOC Station P	5.11 337	Pn	23 46 58.8 +0.9
VA05	Santo Domingo	5.18 213	e P	23 46 55.6 -2.8
RFA	San Rafael	5.40 182	e P	23 47 00.9 -0.6
RFA		IAML		23 48 46.2
	comp=Z,82nm,0.7s			
LAMA	Las Malvinas	5.62 189	e P	23 47 03.8 -0.6
BO02	Sierra Bellavi	5.84 201	Pn	23 47 05.9 -1.5
COIS	El Sosneado	5.85 191	e P	23 47 07.1 -0.4
PB10	IPOC Station P	6.20 340	e P	23 47 11.4 -0.9
PB10		IAML		23 48 35.1
	comp=Z,25nm,0.5s			
PB15	IPOC Station P	6.23 349		23 47 13.5 +0.5
PB05	IPOC Station P	6.73 344	e P	23 47 17.9 -1.6
PB05		IAML		23 48 49.1
	comp=Z,28nm,0.5s			
PB06	IPOC Station P	6.74 349	e P	23 47 20.2 +0.4
LVC	Limon Verde	6.75 354	P	23 47 20.0 -0.1
LVC		comp=Z,3.4nm,0.3s,baz=171,slow=7.8,SNR=23	S	23 48 33.7 -2.1
	comp=Z,2.6nm,0.3s,baz=191,slow=22,SNR=6.6			
LVC	Limon Verde	6.75 354	Pn	23 47 20.3 +0.1
LVC	Limon Verde	6.75 354	e P	23 47 20.2 +0.1
PB09	IPOC Station P	7.59 353	Pn	23 47 30.7 -0.6
PB09	IPOC Station P	7.59 353	e P	23 47 31.1 -0.3
PB09		IAML		23 49 14.7
	comp=Z,21nm,2.7s			
BI02	San Fabin de	7.73 199	Pn	23 47 30.6 -2.4
PB01	IPOC Station P	8.36 352	Pn	23 47 40.0 -1.7
LC01	Cunco	9.99 197	Pn	23 47 60.0 -3.6
CPUP	Villa Florida	10.08 75	P	23 48 03.7 -1.2
CPUP	Villa Florida	10.08 75	comp=Z,0.3nm,0.3s,baz=262,slow=12,SNR=5.1	Pn
CPUP	Villa Florida	10.08 75	Pn	23 48 03.5 -1.5
MNMC	Minye Minye	10.26 353	Pn	23 48 05.7 -2.0
PLCA	Paso Flores	11.51 189	Pn	23 48 20.7 -3.4
SIV	San Ignacio	14.84 28	P	23 49 06.1 -1.4
SIV		comp=Z,0.1nm,0.3s,baz=281,slow=12,SNR=2.1	Pn	
SAML	Samuel	20.84 14	P	23 50 18.6 -1.2
BDFB	Brasilia	23.06 58	P	23 50 40.3 +0.9
PTGA	Pitinga	29.53 17	P	23 51 38.0 +0.6
PTGA	Pitinga	29.53 17	comp=Z,1.1nm,0.5s,baz=148,slow=19,SNR=2.0	P
MLPR	Magueyes Islan	47.07 1	P	23 54 04.2 +0.3
QBIP	Obispado Ponce	47.15 2	P	23 54 05.1 +0.5
TEIG	Tepich	52.97 336	P	23 54 49.6 +1.1
V53A	Saluda	66.13 347	P	23 56 19.4 +0.7
V53A		I Amb	I Amb	23 56 32.5
	comp=Z,17nm,1.4s			
V52A	Sevierville	66.46 346	P	23 56 20.9 +0.2
V52A		I Amb	I Amb	23 56 21.9
	comp=Z,7.7nm,1.1s			
CLTN	Cedars of Leba	67.30 344	P	23 56 26.9 +0.9
CLTN		I Amb	I Amb	23 56 38.4
	comp=Z,4.6nm,1.0s			
TXAR	Lajitas Array	67.48 327	P	23 56 28.3 +0.9
WWT	Waverly	67.71 343	P	23 56 29.3 +0.7
WWT		I Amb	I Amb	23 56 29.9
	comp=Z,9.5nm,0.8s			
LCAR	Lake Charles	68.58 340	P	23 56 35.2 +1.2
LCAR		I Amb	I Amb	23 56 35.6
	comp=Z,3.0nm,0.6s			
FVM	French Village	70.15 341	P	23 56 44.5 +0.8
FVM		I Amb	I Amb	23 56 45.4
	comp=Z,6.8nm,0.8s			
TOA0	Torodi Ar. Sit	79.51 68	P	23 57 38.8 +0.7
TOA0		I Amb	I Amb	23 57 40.1
	comp=Z,2.2nm,0.7s			
TORD	Torodi Ar. Bea	79.51 68	P	23 57 38.8 +0.7
TORD		comp=Z,1.9nm,0.7s,baz=266,slow=5.0,SNR=3.6	P	
PDAR	Pinedale Array	81.23 331	P	23 57 39.3 +1.2
PDAR		comp=Z,0.4nm,0.5s,baz=129,slow=7.2,SNR=5.9	P	23 57 48.4 +1.3
PDAR		comp=Z,0.4nm,0.5s,baz=129,slow=7.2,SNR=5.9	P	23 57 48.1 +1.0
NVAR	Mina Array Bea	82.08 323	P	23 57 50.5 -1.1
NVAR		comp=Z,0.2nm,0.3s,baz=178,slow=3.7,SNR=3.6	P	
YKA	Yellowknife Ar	98.78 340	P	23 59 10.4 +0.6
YKA		comp=Z,0.2nm,0.7s,baz=139,slow=5.2,SNR=3.1	Pdf	
ASAR	Alice Springs	123.15 204	PKP	00 04 27.1 -0.7
ASAR		comp=Z,0.2nm,0.5s,baz=121,slow=1.4,SNR=4.4	PKIKP	
ASAR	Alice Springs	123.15 204	PKP	00 04 27.3 -0.5
WRA	Warramunga Arr	126.38 207	PKP	00 04 33.5 -0.7
WRA		comp=Z,0.6nm,0.7s,baz=160,slow=1.6,SNR=6.8	PKIKP	
WRA	Warramunga Arr	126.38 207	PKP	00 04 33.8 -0.4
ZALV	Zalesovo Beam	148.57 31	PKPbc	00 05 18.3 -2.3
ZALV		comp=Z,1.9nm,0.5s,baz=312,slow=3.6,SNR=13	PKPab	
MKAR	Makanchi Array	151.21 45	PKPbc	00 05 24.7 +0.7
MKAR		comp=Z,0.9nm,0.7s,baz=290,slow=1.9,SNR=9.4	PKIKP	
MKAR	Makanchi Array	151.21 45	PKPbc	00 05 24.6 +0.6
MKAR		comp=Z,0.9nm,0.7s,baz=290,slow=1.9,SNR=9.4	PKPab	00 05 33.2 +1.5

ISC Computed Locations for January 2015

