

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.

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

NORS 01 00:09:45.7... 0.42'43N... 45'59E, h14km, MPVA3.8
DRS 01 00:09:46.3... 0.42'48N... 45'59E, h15km, 2km
DDA 01 00:09:47.6... 42'54N... 45'25E, h8km, 2km, ML2.5
ISK 01 00:09:47.8... 42'48N... 45'38E, h3km, ML2.6/6
ISC 01 00:09:48.9... 1.1, 42'46N... 0.02-45'56E:0.01, h7km, 9km, n55, -158/90, Eastern Caucasus

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTLR, BTLR, GROC, etc.

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

SJA 01 00:28:30.8... 0.8, 32'92S... 72'58W, h4km, 7km, ML3.7, MW3.7

IDC 01 00:28:32.8... 1.4, 33'07S... 71'89W, h0km, mb3.9/2, mb1.3, 9/4, mb1mx3.7/16, mbtmp3.6/4, ML3.5/2, Error ellipse: s-maj=58.3km s-min=24.1km az=82.0

ISC 01 00:28:35.8... 1.1, 32'95S... 07'72W:0.1, h14km, n16, -154/18, Off coast of central Chile

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

IDC 01 00:29:01.6... 5.4, 50'31N... 114'33W, h0km, mb1.4/0.1, mb1mx3.1/33, mbtmp3.7/1, ML3.6/1, Error ellipse: s-maj=83.0km s-min=41.3km az=75.0

PGC 01 00:29:01.3... 0.6, 50'20N... 114'83W, h0km, ML3.0/9, 102km northeast of Cranbrook, Bc Alberta, Canada Mining

ISC 01 00:29:50.0... 0.9, 50'14N... 00'44W:114'80W:0.04, h0km, n42, -125/57, Alberta

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WALA, WALA, BSMT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA01, VA01, ROCH, etc.

IDC 01 00:40:29.3... 3.1, 7'48S... 128'92E, h127km, 42km, mb3.4/1, mb1.3/2.5, mb1mx3.0/30, mbtmp3.5/5, Error ellipse: s-maj=67.4km s-min=17.9km az=95.0, Banda Sea

ISC 01 00:41:23.4... 0.9, 6'32S... 077'128E:0.2, h353km, n7, -134/9/10, mb3.4/3, Banda Sea

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

IDC 01 00:41:24.9... 3.0, 6'28S... 128'07E, h370km, 46km, mb2.9/3, mb1.3/0.7, mb1mx2.9/30, mbtmp3.7/7, Error ellipse: s-maj=60.6km s-min=19.0km az=86.0

ISC 01 00:41:23.4... 0.9, 6'32S... 077'128E:0.2, h353km, n7, -134/9/10, mb3.4/3, Banda Sea

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

IDC 01 00:41:56.2... 7.1, 37'58N... 171'14E, h83km, 88km, mb1.3/1/3, mb1mx2.8/41, mbtmp3.4/3, ML3.0/3, Error ellipse: s-maj=127.5km s-min=30.2km az=163.0

NINC 01 00:41:57.6... 5.4, 37'76N... 171'30E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=51.8km s-min=28.3km az=152.0

ISC 01 00:41:53.6... 1.0, 37'18N... 008'7135E:0.07, h106km, n16, -178/20, 5C-2D, Afghanistan-Tajikistan border region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31, Karanay, AAK, etc.

KMPI	Ambon	2.86 266	P	Pn	00 57 58.9 +1.3
AAI	Ransiki, Papua	3.69 57	P	Pn	00 57 32.1 +3.2
RKPI			P	Pn	00 57 42.4 +1.3
RKPI			P	Pn	00 58 27.2 +1.3
NLAI	Namlea	3.97 274	P	Pn	00 57 48.4 +3.4
NLAI			P	Pn	00 58 34.9 +4.3
SAUI	Saumlaki	4.45 177	Pn	Pn	00 57 52.8 +1.1
LBMI	Laubaha	4.57 309	P	Pn	00 57 54.1 +0.9
LBMI			P	Pn	00 58 45.8 +0.5
SANI	Sanana	5.28 286	P	Pn	00 58 02.8 -0.2
SANI	0.5nm1j9m2nm,1.0s		S	Sn	00 58 59.5 -3.4
BAKI	Biak	5.53 36	P	Pn	00 58 07.3 +0.8
TNTI	Ternate	5.64 319	Pn	Pn	00 58 07.8 -0.1
LWUI	Luwuk	8.64 286	P	Pn	00 58 49.8 +0.5
LWUI	Luwuk	8.64 286	P	Pn	00 58 49.0 -0.3
BBSI	Bau Bau	8.70 257	P	Pn	00 58 54.9 +4.9
GENI	Genyem	9.13 85	P	Pn	00 58 57.3 +1.4
SOEI	Soe	9.17 227	P	Pn	00 59 02.4 +5.8
SOEI	Soe	9.17 227	P	Pn	00 58 57.0 +0.4
MTN	Manton Dam	9.28 180	P	Pn	00 58 59.1 +1.2
MRSI	Marisa	9.59 293	P	Pn	00 59 08.0 +0.9
MMRI	Mamurra	10.15 239	Pn	Pn	00 59 10.4 +0.5
EDFI	Ende, Flores	10.69 240	Pn	Pn	00 59 22.9 +5.6
BNSI	Bone	10.97 265	P	Pn	00 59 25.9 +4.7
BKSI	Bulukumba	11.06 260	P	Pn	00 59 26.1 +3.7
TTSI	Tana Toraja	11.24 272	P	Pn	00 59 37.5 +1.3
SPSI	Sidrap Palu	11.29 267	P	Pn	00 59 29.2 +3.7
KAPI	Kappang	11.38 262	Pn	Pn	00 59 30.9 +4.0
MPSI	Mapaga	11.80 289	P	Pn	00 59 33.9 +1.4
KNRA	Kunurra	12.30 190	Pn	Pn	00 59 39.2 -0.2
BASI	Baing, Sumba	12.36 237	P	Pn	00 59 45.6 +5.4
PLAI	Pilampang	14.23 248	P	Pn	00 01 00.8 +2.4
BKB	Baikpapan	14.34 279	Pn	Pn	00 01 00.7 +0.4
KBKI	Kotabaru	14.88 270	P	Pn	00 01 17.4 +2.9
FITZ	Fitzroy Crossi	15.44 200	Pn	Pn	00 01 20.2 -1.7
FITZ	0.9nm,0.3s,baz=16,slow=7.7,SNR=14		S	Sn	00 01 03.04 -7.9
FITZ	0.4nm,0.3s,baz=142,slow=16,SNR=1.7		S	Sn	00 01 21.3 -0.7
COEN	Coen	15.83 132	P	Pn	00 01 28.1 +1.1
SRBI	Singaraja	16.41 253	P	Pn	00 01 35.7 +1.2
WBO	Warrumunga Arr	16.48 169	Pn	Iamb	00 01 35.2 -0.1
WRAB	Tennant Creek	16.64 169	P	Iamb	00 01 39.3 -0.2
WRA	Warrumunga Arr	16.64 169	Pn	Pn	00 01 36.0 -1.3
WRA	comp=2.0,8nm,0.3s,baz=346,slow=10,SNR=4.4		S	Sn	00 01 32.1 -9.3
WB2	Warrumunga Arr	16.64 169	P	Pn	00 01 30.4 -2.7
WR0	Warrumunga Arr	16.64 169	Pn	Iamb	00 01 37.8 -0.3
PMG	Port Moresby	17.02 111	Pn	Pn	00 01 40.9 -1.3
JAGI	Jajag, Banyuwu	17.53 253	P	Pn	00 01 43.2 -5.3
JAGI	Jajag, Banyuwu	17.53 253	P	Pn	00 01 47.6 -0.9
KKM	Kota Kinabatu	17.61 303	P	Iamb	00 01 49.7 +0.1
GRJI	Gresik	18.82 259	P	Pn	00 01 05.8 +1.6
PWJI	Pagerwojo	19.68 256	P	P	00 01 11.4 -1.6
SBUM	Sibu	19.75 287	P	P	00 01 13.4 -0.4
STKI	Sintang	19.90 280	P	Pn	00 01 19.1 +1.9
AS31	Alice Springs	20.23 172	Pn	Iamb	00 01 20.3 -0.7
ASAR	Alice Springs	20.23 172	P	Pn	00 01 21.9 +0.9
ASAR	comp=2.2,2nm,0.7s,baz=350,slow=11,SNR=98		S	Sn	00 01 57.1 -7.4
SMRI	Semarang	20.84 259	P	P	00 01 25.6 -0.1
PSAD1	Pilbara Seismi	20.92 211	P	P	00 01 26.7 +0.3
PSAD1	comp=2.48nm,1.1s		S	Sn	00 01 27.6 +0.5
PSAB2	Pilbara Seismi	20.99 210	P	Iamb	00 01 27.7 +0.5
PSAD2	Pilbara Seismi	20.99 210	P	Iamb	00 01 26.8 -0.4
PSAC1	Pilbara Seismi	21.00 210	P	Iamb	00 01 27.4 +0.1
PSAA2	Pilbara Seismi	21.00 210	P	Iamb	00 01 27.2 -0.1
PSAA0	Pilbara Seismi	21.01 210	P	Iamb	00 01 27.4 0.0
PSAA3	Pilbara Seismi	21.01 210	P	Iamb	00 01 26.9 -0.6
PSAA3	comp=2.23nm,0.6s		S	Sn	00 01 29.3 -0.3
PSAA1	Pilbara Seismi	21.02 210	P	Iamb	00 01 27.2 -0.3
PSAB1	Pilbara Seismi	21.02 210	P	Iamb	00 01 26.9 -0.6
PSAB3	Pilbara Seismi	21.02 210	P	Iamb	00 01 27.8 +0.3
PSAC3	Pilbara Seismi	21.06 210	P	Iamb	00 01 27.1 -0.8
PSAD3	Pilbara Seismi	21.10 210	P	Iamb	00 01 28.0 -0.4
PSAD3	comp=2.35nm,1.1s		S	Sn	00 01 32.6 +1.6
KSM	Kuching	21.33 283	P	P	00 01 32.6 +1.6
GUMO	Guam	21.82 39	LR	P	00 01 02.5
CTA	Charters Tower	22.16 139	P	P	00 01 43.0 +3.3
KPJI	Karang Pucung	22.36 259	P	P	00 01 40.6 -1.4
CISI	Cisompet, Garu	23.49 259	P	P	00 01 52.4 -1.3
CISI	Cisompet, Garu	23.49 259	P	P	00 01 51.8 -1.9
LEM	Lembang	23.59 261	LR	P	00 01 52.6
CNJI	Cibinong	24.19 260	P	P	00 01 53.1 -6.6
XMIS	Christmas Is	25.15 253	P	P	00 01 16.4 -1.6
KASI	Kota Agung	25.56 265	P	P	00 01 02.0 -1.4
MDSI	Maura Dua	26.84 267	P	P	00 01 23.8 -0.5
FORT	Forest	27.17 186	P	P	00 01 27.7 -0.3
MYKOM	Kota Tinggi	27.71 281	P	P	00 01 32.3 +0.2
TWG	Pinlang	27.93 340	P	P	00 01 02.32 -1.3
STKA	Stephens Creek	29.91 162	P	P	00 01 02.54 +2.9
STKA	comp=2.2,3nm,0.5s,baz=340,slow=12,SNR=4.6		S	Sn	00 01 15.30 9
QIZ	Qiongzong	30.63 317	P	P	00 01 56.4 -1.5
QIZ			S	Sn	00 01 56.6 -1.9
NWAO	Narrogin (SRO)	32.01 202	P	P	00 01 03.2 +0.3
NWAO	comp=2.3,2nm,0.5s,baz=319,slow=4.3,SNR=4.1		S	Sn	00 01 17.9
RPSI	Rantau Prapat	32.72 280	P	P	00 01 14.9 -1.5
CMAR	Chiang Mai Arr	38.44 306	P	P	00 01 04.69 +1.4
CMAR	comp=2.1,6nm,0.5s,baz=132,slow=6.9,SNR=21		S	Sn	

CHTO	Chiang Mai	38.63 306	P	Iamb	01 04 09.4 +2.3
CHTO	comp=2.1,1nm,0.9s		S	Sn	01 04 25.7
MJAR	Matsushiro Arr	40.40 9	LR	P	01 20 27.8
MJAR	comp=2.12nm,19.9s,baz=1200,slow=35		S	Sn	
KRSR	Korea Array	40.46 356	P	P	01 20 26.7 +1.4
KRSR	comp=2.1,3nm,0.6s,baz=173,slow=9.1,SNR=4.7		S	Sn	01 21 51.5
XAN	Xian	47.61 340	P	P	01 04 48.1 +6.8
XAN	Xian	47.61 340	P	P	01 05 32.2 +3.9
XAN	Xian	47.61 340	P	P	01 11 01.2 -2.5
USRK	Ussuriysk Ar.	47.50 1	LR	S	01 24 40.9
HHC	Huohuo-tse	51.49 320	P	P	01 05 20.5 +1.0
GTA	Gaotai	51.49 320	P	P	01 05 50.9 +1.7
GTA	Gaotai	51.49 320	P	P	01 05 55.1 -3.0
GTA	Gaotai	51.49 320	P	P	01 05 58.2 -3.4
ULN	Ulaanbaatar	55.32 341	P	Iamb	01 06 12.9 -4.3
ULN	comp=2.3,4nm,0.9s		S	Sn	01 06 29.3
SONM	Songino Array	55.52 340	P	P	01 06 19.8 +1.2
SONM	comp=2.0,4nm,0.6s,baz=165,slow=7.0,SNR=5.8		S	Sn	
PETK	Petrovlovsk	60.70 18	LR	P	01 29 32.2
PETK	comp=2.5,5nm,21.4s,baz=240,slow=12		S	Sn	
WMQ	Urumiqi	61.10 325	eP	P	01 06 57.0 -0.6
WMQ	Urumiqi	61.10 325	eP	P	01 07 08.9 -1.3
MK31	Makanchi Array	65.94 326	P	P	01 07 27.4 +2.0
MKAR	Makanchi Array	65.94 326	P	P	01 07 31.1 +1.7
MKAR	comp=2.3,5nm,0.7s,baz=152,slow=7.7,SNR=36		S	Sn	01 07 37.4
MAKZ	Makanchi	66.12 325	P	P	01 07 27.7 -3.0
MAKZ	comp=2.4,1nm,1.0s		S	Sn	01 07 33.3
KSH	Kashi	66.22 316	P	P	01 07 31.3 -0.2
KSH	Kashi	66.22 316	P	P	01 07 51.7 +7.3
KSH	Kashi	66.22 316	P	P	01 07 59.0 -2.6
KSH	Kashi	66.22 316	P	P	01 10 04.8 +7.0
KSH	Kashi	66.22 316	P	P	01 11 01.2 -1.1
KSH	Kashi	66.22 316	P	P	01 16 11.5 -7.4
KEY	Seymchan	66.22 316	SS	SS	01 20 29.8 -5.6
SEY	Seymchan	66.22 316	SS	SS	01 07 45.1 +1.7
AAK	comp=2.1,2nm,0.7s,baz=76,slow=15,SNR=2.9		S	Sn	01 07 48.5 +1.8
AAK	comp=2.0,5nm,0.4s,baz=153,slow=16,SNR=2.7		S	Sn	01 04 59.3
ZAA0	Zalesovo Array	68.96 333	P	P	01 07 47.7 -0.7
ZALV	Zalesovo Beam	68.96 333	P	P	01 07 49.3 +0.9
ZALV	comp=2.2,1nm,0.8s,baz=147,slow=7.1,SNR=9.6		S	Sn	01 41 15.1
ZALV	comp=2.66nm,18.6s,baz=28,slow=39		S	Sn	01 07 57.3 +1.6
KURB	Kurchatov Arr	70.13 327	P	P	01 07 52.7 -3.0
KURK	Kurchatov	70.13 327	P	P	01 07 59.1
KURK	Kurchatov	70.13 327	P	P	01 08 25.8 +1.4
TXI	Tiksi	75.03 359	P	P	01 08 30.3 +1.6
BVOR	Borovoye Array	75.17 327	P	P	01 08 29.5 +0.4
BVOR	Borovoye	75.17 327	P	P	01 08 31.7
NRIK	Noril'sk	78.46 346	P	P	01 08 45.7 +1.9
NRIK	comp=2.2,2nm,0.8s,baz=166,slow=17,SNR=3.1		S	Sn	01 44 33.2
GEYT	Alibek	78.80 310	P	P	01 08 47.7 +1.3
PPT	Papeete	78.81 107	LR	P	01 43 36.0
PPT	Papeete	78.81 107	LR	P	01 08 44.5 -2.3
ABKAR	Abkhal array	80.47 321	P	P	01 08 54.2 -1.0
CNBA	Chernabura Isl	81.13 33	P	P	01 08 56.1 -2.4
AKTO	Aktuybinsk	81.99 322	P	P	01 09 05.3 +2.0
AKTO	comp=2.1,5nm,0.8s,baz=121,slow=5.9,SNR=3.8		S	Sn	01 09 25.2 -4.4
SYO	Syowa Base	87.28 2011	eP	P	01 09 30.0 +0.4
SYO	Syowa Base	87.28 2011	eP	P	01 09 31.2 +0.4
ILAR	Eielson Array	89.75 25	P	P	01 09 43.4 +2.1
ILAR	comp=2.0,9nm,1.0s,baz=250,slow=5.4,SNR=3.7		S	Sn	01 46 47.5
KMBO	Kilima Mbojo	93.74 269	P	P	01 10 02.9 +1.6
KMBO	comp=2.0,5nm,0.4s,baz=50,slow=7.9,SNR=2.6		S	Sn	01 10 22.8 +0.6
ARCES	ARCCESS Array B	98.69 340	P	P	01 15 53.9 +0.8
ARCES	comp=2.1,4nm,0.8s,baz=107,slow=8.9,SNR=3.4		S	Sn	01 19 13.9 +2.3
TORD	Torodi Ar	129.09 284	PKP	PKIPK	01 16 36.0 -1.0
TORD	comp=2.0,5nm,0.6s,baz=110,slow=2.0,SNR=6.0		S	Sn	01 16 44.9 +2.9
CPUP	Villa Florida	149.24 165	PKPbc	PKPab	01 16 45.4 +3.4
CPUP	comp=2.1,3nm,0.6s,baz=180,slow=1.0,SNR=3.5		S	Sn	
LPZA	La Paz	152.66 187	PKPbc	PKIPK	
LPZA	comp=2.1,4nm,0.4s,baz=201,slow=4.2,SNR=9.4		S	Sn	
LPZA	La Paz	152.66 187	PKIPK	PKIPK	

ILAR	Eielson Array	8.72 22	Pn	Pn	01 01 42.8 -0.5
ILAR	0.4nm,0.3s,baz=202,slow=14,SNR=15		S	Sn	01 03 15.2 -6.7
ANM	Inuvik	8.31 330	Pn	Pn	01 01 53.6 -2.2
INK	Inuvik	14.86 31	Pn	Pn	01 03 10.6 +0.5
INK	Inuvik	14.86 31	P	P	01 03 16.5 +3.5
YKA	Yellowknife Arr	20.64 58	P	P	01 04 17.7 +1.0
PETK	Petrovlovsk	27.20 282	P	P	01 05 18.9 -2.0
NVAR	Mina Array Bea	30.12 112	P	P	01 05 48.1 +0.8
NVAR	comp=0.6s,baz=308,slow=7.7,SNR=5.5		S	Sn	
PDAR	Pinedale Array	31.64 97	P	P	01 06 01.6 +0.8
KLR	Kuldrud	42.91 292	P	P	01 07 33.9 -2.0
TXAR	Lailias Array	44.79 106	P	P	01 07 51.7 +0.4
SCHO	Schefferville	46.00 53	P	P	01 08 02.2 +1.6
ARCES	ARCCESS Array B	53.85 360	P	P	01 09 00.3 +0.3
SONM	Songino Array	55.96 307	P	P	01 09 14.0 -1.6
SONM	comp=2.0,2nm,0.4s,baz=37,slow=6.3,SNR=3.1		S	Sn	01 09 38.7 -0.8
ZALV	Zalesovo Beam	59.36 324	P	P	01 09 59.6 +3.3
NB2	NORSAR Subarra	61.86 8	P	P	01 09 56.6 +0.3
NOA	NORSAR Array B	61.86 8	P	P	01 09 58.4 +1.4
FINES	FINESS Array B	61.99 360	P	P	01 10 11.2 -0.9
KURB	Kurchatov Arra	64.23 326	P	P	01 10 12.5 -0.9
BVAR	Borovoye Array	64.31 332	P	P	01 10 26.2 +0.3
AAK	Ala-Archa	72.60			

N59A	baz=107	State Game Lan	29.65 297	P	Iamb	P	02 22 45.5 +1.0	ACSO	baz=92	Alum Creek Sta	35.10 295	P	Iamb	P	02 23 32.8 +0.5	G45A	Suttons Bay	37.24 304	P	Iamb	P	02 23 50.3 -0.2	
N59A	comp=Z,64nm,1.7s	State Game Lan	29.65 297	P	P		02 22 51.2	ACSO	comp=Z,104nm,1.9s	Alum Creek Sta	35.10 295	P	P		02 23 35.0	G45A	comp=Z,87nm,1.7s	37.24 304	P	P		02 23 51.8 +1.4	
N59A	baz=96	State Game Lan	29.65 297	P	P		02 22 45.9 +1.4	ACSO	baz=90	Alum Creek Sta	35.10 295	P	P		02 23 33.8 +1.5	T49A	Edmonton	37.28 290	P	P		02 23 53.2 +2.2	
TRQ		Mont Tremblant	29.77 308	P	P		02 22 45.3 -0.3	I49A		Point Hope	35.13 302	P	P		02 23 33.1 +0.6	W50A	Signal Mountai	37.35 287	P	P		02 23 54.3 +2.7	
PAB		Pan Pablo	29.89 66	P	Iamb	Iamb	02 22 46.0 -0.7	I49A	comp=Z,31nm,1.2s	Point Hope	35.13 302	P	P		02 23 40.5	U49A	Boiling Sp	37.55 289	Iamb	Iamb		02 23 56.0	
PAB	comp=Z,105nm,1.9s	Pan Pablo	29.89 66	P	Pmax	Pmax	02 22 46.0 -0.7	M50A	baz=95	Fremont	35.16 298	P	P		02 23 34.0 +1.3	E44A	Grand Marais A	37.56 306	Iamb	Iamb		02 23 59.8	
BINY	comp=Z,105nm,2.0s	Binghamton	29.96 300	P	Iamb	Iamb	02 22 47.4 +0.2	P51A	baz=91	Williamsport	35.18 294	Iamb	Iamb		02 23 35.0	E44A	Grand Marais A	37.56 306	P	P		02 23 54.2 +1.0	
BINY	comp=Z,57nm,1.8s	Binghamton	29.96 300	P	P		02 22 48.5 +1.2	P51A	comp=Z,101nm,1.9s	Williamsport	35.18 294	P	P		02 23 34.3 +1.4	UCC	Uccle	37.58 47	P	P		02 23 52.5 -0.7	
MDT	baz=98	Midelt	30.01 79	LR	LR		02 32 06.9	F48A	baz=88	Evansville	35.19 305	P	P		02 23 34.0 +1.1	UCC	Uccle	37.58 47	Pmax	Pmax		02 23 52.5 -0.7	
MVL	comp=Z,2um,20.6s,ba	Millersville	30.02 295	P	P		02 22 47.6 -0.1	N50A	baz=90	Nevada	35.23 296	P	P		02 23 34.9 +1.6	DOU	Dourbes	37.58 48	pP	P		02 23 54.0 +0.7	
P59A	baz=93	Jarrettsville	30.06 295	P	P		02 22 47.9 -0.2	V53A	baz=90	Saluda	35.26 288	P	Iamb	Iamb	02 23 34.6 +0.9	L46A	Eue Claire	37.60 298	P	P		02 23 54.3 +0.8	
D56A	comp=Z,105nm,1.9s	Mazzanza, M	30.14 310	P	P		02 22 48.5 -0.3	V53A	baz=90	Saluda	35.26 288	P	P		02 23 36.5	WCI	Wyandotte Cave	37.77 292	P	Iamb	Iamb	02 23 55.6 +0.5	
ESDC	comp=Z,1.2nm,0.8s,ba	Sonsecu Array	30.19 65	P	P		02 22 48.6 -0.7	V53A	comp=Z,67nm,2.0s	Saluda	35.26 288	P	P		02 23 34.7 +0.9	WCI	Wyandotte Cave	37.77 292	P	Pmax	Pmax	02 23 55.6 +0.5	
ESDC	comp=Z,449nm,18.4s,ba	Sonsecu Array	30.19 65	P	LR	LR	02 32 59.3	J49A	baz=83	Marlette	35.31 301	P	P		02 23 35.4 +1.4	WCI	Wyandotte Cave	37.77 292	P	P		02 23 56.6 +1.5	
N58A	baz=92	Sunbury	30.36 297	P	P		02 22 50.3 -0.4	Q51A	baz=88	Peebles	35.41 293	P	P		02 23 36.4 +1.4	WCI	Wyandotte Cave	37.77 292	P	P		02 23 56.6 +1.5	
SDMD		Soldier's Deli	30.36 294	P	P		02 22 51.2 +0.4	BG3	baz=88	Lake Jocassee	35.45 286	P	P		02 23 35.8 +0.5	SWET	Sewanee	37.85 287	P	P		02 23 56.2 +0.4	
H56A	baz=102	Elgin	30.55 304	P	P		02 22 53.5 +1.1	K49A	baz=89	Clarkson	35.51 300	P	P		02 23 38.0 +2.2	RCBR	Riachuelo	38.03 173	P	P		02 23 57.3 -0.1	
L57A	baz=97	Andrews Acres	30.57 299	P	P		02 22 55.3 +2.6	H48A	baz=96	Harrisville	35.56 303	P	P		02 23 37.2 +1.1	RCBR	Riachuelo	38.03 173	Pmax	Pmax		02 23 57.3 -0.1	
M57A	baz=96	Sunshine Farm	30.71 298	P	P		02 22 54.8 +0.9	URIC	baz=96	Uribia, Colomb	35.57 242	P	P		02 23 37.0 +0.5	RCBR	Riachuelo	38.03 173	eP	P		02 23 56.5 -0.9	
M57A	baz=96	Sunshine Farm	30.71 298	P	P		02 22 54.9 +1.1	O50A	baz=89	Cable	35.59 295	P	P		02 23 38.1 +1.6	CLTN	Clars of Leba	38.04 289	P	P		02 23 58.4 +1.0	
T59A	baz=96	Double "B" Far	30.93 289	P	P		02 22 56.5 +0.7	255A	baz=89	Hazlehurst	35.59 281	P	P		02 23 36.6 0.0	BCLA	Clamur	38.09 48	pP	P		02 23 58.0 +0.4	
PECO		Prince Edward	30.95 303	P	P		02 22 56.2 +0.3	255A	comp=Z,90nm,1.5s	Hillboro	35.64 292	P	P		02 23 38.5 +1.6	Z50A	Ashland	38.18 284	P	P		02 24 00.2 +1.6	
G55A	baz=102	Calabogie	31.01 305	P	P		02 22 57.3 +0.9	AAM	baz=86	Ann Arbor	35.64 299	P	P		02 23 37.1 +0.3	SFIN	Lafayette	38.24 296	P	P		02 24 00.4 +1.3	
O57A	baz=92	Amberson	31.01 296	P	P		02 22 58.3 +1.8	SS1A	baz=92	Beattyville	35.69 291	P	P		02 23 39.0 +1.6	P46A	Rosedale	38.37 295	P	Iamb	Iamb	02 24 01.1 +1.0	
RS8B	baz=89	Mineral	31.16 291	P	P		02 22 58.8 +0.9	D47A	baz=89	Chapleau	35.70 307	P	P		02 23 38.1 +0.8	P46A	Rosedale	38.37 295	P	Iamb	Iamb	02 24 12.5	
SSPA	baz=92	Standing Stone	31.23 296	P	P		02 22 58.0 -0.5	L47A	baz=92	Milan	35.72 299	P	P		02 23 39.3 +1.8	Y49A	comp=Z,31nm,1.9s	38.47 285	P	P		02 24 01.4 +0.3	
D54A	baz=105	Lac Fusel, La	31.42 309	P	P		02 23 00.5 +0.4	E47A	baz=92	Iron Bridge	35.73 306	P	P		02 23 38.6 +1.0	Y48A	Smith Brothers	38.49 288	P	P		02 24 00.8 -0.3	
J55A	baz=100	Hilton	31.44 301	P	P		02 23 00.5 +0.2	L49A	baz=92	Iran	35.72 299	P	P		02 23 39.3 +1.8	WLF	Walferdange	38.49 49	pP	P		02 24 01.9 +0.9	
I55A	baz=100	Frankford	31.49 303	P	P		02 23 01.7 +1.1	E47A	baz=92	Iron Bridge	35.73 306	P	P		02 23 38.6 +1.0	WLF	Walferdange	38.49 49	Iamb	Iamb		02 24 00.9 0.0	
M56A	baz=100	Emporium	31.51 298	P	Iamb	Iamb	02 23 00.1 -0.9	P50A	baz=92	Jamestown	35.74 294	P	P		02 23 38.6 +0.8	WLF	comp=Z,113nm,1.7s	Walferdange	38.49 49	Pmax	Pmax		02 24 13.5
E54A	comp=Z,77nm,1.8s	Lac Daplat, Po	31.59 308	P	P		02 23 02.2 +0.6	TZTN	baz=88,SNR=6.0	Tazewell	35.76 289	P	Iamb	Iamb	02 23 38.2 +0.2	WLF	Walferdange	38.49 49	Pmax	Pmax		02 24 01.0 0.0	
O56A	baz=102	Blue Knob Stat	31.73 296	P	Iamb	Iamb	02 23 02.3 -0.6	TZTN	comp=Z,98nm,1.9s	Tazewell	35.76 289	P	P		02 23 45.6	T47A	Sharon Grove	38.55 290	P	P		02 24 01.7 +0.1	
O56A	baz=102	Blue Knob Stat	31.73 296	P	Iamb	Iamb	02 23 02.3 -0.6	J48A	baz=88,SNR=6.0	Tazewell	35.76 289	P	P		02 23 39.6 +1.6	H42A	Windswep, Lux	38.71 302	P	P		02 24 03.0 +0.1	
U58A	comp=Z,89nm,2.0s	Oxford	31.75 288	P	P		02 23 04.5 +1.4	J48A	comp=Z,23nm,0.8s	Bridge Port	35.78 301	Iamb	Iamb		02 23 44.4	L44A	Lake County Fo	38.80 299	Iamb	Iamb		02 24 06.1	
L55A	baz=96	Hinsdale	31.77 299	P	P		02 23 04.7 +1.4	J48A	baz=92	Bridge Port	35.78 301	P	P		02 23 39.0 +1.0	L44A	Lake County Fo	38.80 299	P	P		02 24 05.2 +1.6	
MEDO	baz=96	Medina	31.89 301	P	P		02 23 03.2 -1.0	I48A	baz=94	Sherman Twp	35.78 302	P	P		02 23 39.4 +1.4	X48A	Hartselle	38.88 286	P	P		02 24 05.0 +0.6	
E53A	baz=103	Dumoine, Ponti	31.90 307	P	P		02 23 04.5 +0.2	M49A	baz=91	Liberty Center	35.86 298	P	P		02 23 40.0 +1.2	ECH	Echery	38.95 52	P	P		02 24 04.4 -0.5	
WVNY	baz=103	West Valley, N	31.91 300	P	P		02 23 04.3 -0.2	V52A	baz=91	Sevierville	35.87 288	P	P		02 23 39.1 +0.1	ECH	Echery	38.95 52	Pmax	Pmax		02 24 04.4 -0.5	
G54A	baz=103	Lake Saint Pet	31.98 305	P	P		02 23 05.7 +0.6	V52A	baz=83	Sevierville	35.87 288	P	P		02 23 40.0 +1.0	ECH	Echery	38.95 52	Pmax	Pmax		02 24 04.4 -0.5	
ALGO	baz=101	Algonquin Park	32.07 306	P	P		02 23 06.9 +1.2	Q50A	baz=83	Georgetown	35.92 293	P	P		02 23 40.8 +1.5	TAMC	Tame, Arauca	38.97 236	eP	P		02 24 07.2 +1.7	
N55A	baz=93	Marion Center	32.07 297	P	P		02 23 07.4 +1.5	O61Z	baz=87	Ochoopi	35.92 271	P	P		02 23 39.0 -0.4	SMCL	San Martn de	39.01 241	eP	P		02 24 04.6 -1.1	
D53A	baz=93	Lac Vavie, Po	32.09 309	P	PcP	P	02 25 56.1 +1.0	G47A	baz=87	Hillman	35.98 304	P	P		02 23 40.9 +1.1	LRLAL	Lakeview Retre	39.11 284	P	P		02 24 07.9 +1.5	
D53A	baz=104	Lac Vavie, Po	32.09 309	P	P		02 23 06.6 +0.6	K48A	baz=96	Perry	36.00 300	P	P		02 23 40.7 +0.8	WWT	Waverly	39.24 289	P	P		02 24 07.5 +0.1	
LSQO	baz=108	Label-sur-Quev	32.17 312	P	P		02 23 07.4 +0.8	T51A	baz=92	Gray	36.03 290	P	P		02 23 41.9 +1.6	WWT	Waverly	39.24 289	Pmax	Pmax		02 24 07.5 +0.1	
H53A	baz=98	Bobcaygeon	32.18 304	P	P		02 23 07.5 +0.7	TKL	baz=84	Tuckaleechee C	36.04 288	P	Iamb	Iamb	02 23 40.8 +0.4	WWT	Waverly	39.24 289	P	P		02 24 07.5 +0.1	
VLDO	baz=98	Val d'Or	32.20 311	P	Iamb	Iamb	02 23 09.0 +2.2	TKL	comp=Z,105nm,2.0s	Tuckaleechee C	36.04 288	P	Pmax	Pmax	02 23 40.8 +0.4	WWT	Waverly	39.24 289	Pmax	Pmax		02 24 07.5 +0.1	
VLDO	comp=Z,46nm,1.5s	Haliburton	32.30 305	P	P		02 23 08.8 +0.9	GOGA	comp=Z,105nm,2.0s	Godfrey	36.13 284	P	Iamb	Iamb	02 23 41.9 +0.7	WWT	Waverly	39.24 289	P	P		02 24 08.7 +1.3	
G53A	baz=100	Blanch	32.39 288	P	P		02 23 09.6 +0.9	GOGA	baz=88,SNR=7.5	Godfrey	36.13 284	P	P		02 24 09.3	WTSB	Winterswijk	39.31 46	eP	P		02 24 08.8 +1.0	
L54A	baz=86	Sinclairville	32.42 299	P	P		02 23 10.6 +1.7	GOGA	comp=Z,58nm,1.9s	Godfrey	36.13 284	P	Pmax	Pmax	02 23 41.9 +0.7	D41A	Chassel	39.41 307	P	P		02 24 08.4 -0.3	
E52A	baz=102	Mattawa	32.55 307	P	P		02 23 10.6 +0.6	GOGA	comp=Z,58nm,1.9s	Godfrey	36.13 284	P	P		02 23 44.0 +2.8	I48A	Drager Farm	39.52 302	P	P		02 24 08.2 -1.5	
SADO	comp=Z,54nm,1.6s	Sadowa	32.61 304	Iamb	Iamb		02 23 16.2	GOGA	baz=88	Covington	36.14 295	P	P		02 23 41.4 +0.2	SCO	Scorebysund	39.67 10	Iamb	Iamb		02 24 11.3 +0.9	
M54A	comp=Z,66nm,1.6s	Oil Creek Stat	32.62 298	P	Iamb	Iamb	02 23 19.5	O49A	baz=89	Covington	36.14 295	P	P		02 23 42.2 +1.0	SCO	Scorebysund	39.67 10	Iamb	Iamb		02 24 11.3 +0.9	
M54A	baz=94	Oil Creek Stat	32.62 298	P	P		02 23 12.0 +1.3	H47A	baz=95	Mic	36.17 303	P	P		02 23 42.9 +1.5	SCO	Scorebysund	39.67 10	Iamb	Iamb		02 24 11.3 +0.9	
V57A	baz=85	Coltrane Farms	32.78 287	P	P		02 23 13.6 +1.4	FRB	baz=85	Frobisher Bay	36.20 339	P	P		02 23 40.2 -1.2	HDIL	Hopedale	39.91 296	P	P		02 24 14.7 +1.8	
N54A	comp=Z,69nm,1.7s	Moraine State	32.84 297	P	Iamb	Iamb	02 23 13.5 +0.9	L48A	comp=Z,12nm,1.0s,ba	N Adams	36.21 298	P	P		02 23 43.2 +1.4	IBBN	Ibbenburen	39.96 45	eP	P		02 24 14.4 +1.2	
N54A	baz=101	Sundridge	32.91 306	P	P		02 23 18.2 +5.1	R50A	baz=86	Paris	36.23 292	P	P		02 23 43.5 +1.6	TNS	Tanus Mts	40.04 49	eP	P		02 24 15.5 +1.4	
R55A	comp=Z,34nm,1.5s	Marlinton	32.92 292	P	Iamb	Iamb	02 23 14.1 +0.7	MTDJ	baz=86	Mount Denham													

AKASG	Malin Array Be	53.28	48	iP	P	02 25 56.7	-0.9
AKASG	comp-Z,12nm,0.9s						
AKKB	Malin Array Si	53.28	48	P	P	02 25 56.4	-1.2
AKBB	PRD	53.34	57	P	P	02 25 58.4	+0.2
CFR	Carcaiu	53.46	55	iP	P	02 25 58.2	-0.8
BB19B	Bebedouro	53.53	190	P	P	02 25 59.9	+0.1
SMCO	Snowmass	53.54	297	P	P	02 26 00.5	+0.3
SMCO	comp-Z,27nm,1.3s			IAMB	IAMB	02 26 11.5	
EGMT	Eagleton	53.67	309	P	P	02 26 00.3	-0.3
S22A	4JR Ranch_Cre	53.80	296	P	P	02 26 03.8	+1.7
TXAR	Lajitas Arrer	53.84	285	P	P	02 26 02.6	+0.4
TXAR	comp-Z,2.0nm,0.8s,baz=97,slow=8.2,SNR=24			LR	LR	02 47 22.7	
RLMT	Red Lodge	53.87	305	P	P	02 26 08.4	
RLMT	comp-Z,54nm,1.9s			IAMB	IAMB	02 26 08.4	
RLMT	Red Lodge	53.87	305	P	P	02 26 02.4	+0.1
O20A	White River Ci	54.25	299	IAMB	IAMB	02 26 25.9	
O20A	White River Ci	54.25	299	P	P	02 26 06.5	+1.3
TLIG	Tipa	54.25	269	P	P	02 26 06.2	+0.8
TLIG	comp-Z,71nm,1.9s			IAMB	IAMB	02 26 08.9	
ANMO	Albuquerque	54.29	292	P	P	02 26 06.2	+0.6
ANMO	comp-Z,35nm,1.9s			IAMB	IAMB	02 26 11.1	
ANMO	Albuquerque	54.29	292	eP	P	02 26 05.2	-0.4
ANMO	comp-Z,25nm,2.5s			P	P	02 26 07.4	+1.8
ANMO	Albuquerque	54.29	292	P	P	02 26 07.4	+1.8
MNTX	Cornudas Mount	54.44	288	P	P	02 26 06.2	-0.3
APA	Apafiti	54.48	27	iP	P	02 26 01.5	-4.7
APA	comp-Z,7.0nm,1.0s			MLR	MLR		
PCMB	Pacaembu	54.51	193	eP	P	02 26 07.6	+0.7
BW06	Boulder Array	54.58	302	IAMB	IAMB	02 26 09.1	
BW06	Boulder Array	54.58	302	P	P	02 26 08.0	+0.5
PD31	Pinedale Array	54.58	302	IAMB	IAMB	02 26 09.0	
PDAR	Pinedale Array	54.58	302	P	P	02 26 06.9	-0.7
PDAR	comp-Z,6.0nm,0.8s,baz=81,slow=5.6,SNR=44			LR	LR	02 48 11.1	
RLB	Rio Claro-Sao	54.74	188	eP	P	02 26 09.1	+0.5
LKWY	Lake	54.77	305	IAMB	IAMB	02 26 22.0	
YKA	Yellowknife Ar	54.84	327	P	P	02 26 07.6	-1.2
YKA	comp-Z,2.5nm,0.9s,baz=87,slow=7.7,SNR=29			PcP	PcP	02 27 10.1	-0.8
YKA	comp-Z,1.7nm,0.9s,baz=89,slow=4.5,SNR=4.2			LR	LR	02 49 09.3	
H17A	Grant Village	54.90	304	IAMB	IAMB	02 26 25.8	
H17A	Grant Village	54.93	304	P	P	02 26 12.1	+1.9
LPAZ	La Paz	55.09	213	P	P	02 26 11.7	-0.2
LPAZ	comp-Z,7.7nm,0.8s,baz=17,slow=7.0,SNR=25			LR	LR	02 48 14.1	
LPAZ	La Paz	55.09	213	P	P	02 26 11.1	-0.8
LPAZ	comp-Z,6.16nm,19.8s,baz=18,slow=34			IAMB	IAMB	02 26 14.6	
LPAZ	La Paz	55.09	213	eP	P	02 26 11.9	+0.1
KARP	Karpathos	55.10	67	P	P	02 26 11.4	+0.2
RDMU	Red Mountain	55.12	300	P	P	02 26 11.6	0.0
YMR	Madison River	55.14	305	P	P	02 26 12.7	+1.1
IMVCO	Mesa Verde	55.22	295	P	P	02 26 14.2	+1.9
VAO	Valinhos	55.25	188	eP	P	02 26 13.4	+1.2
SNOW	Snow King Moun	55.27	303	IAMB	IAMB	02 26 13.9	
IMW	Indian Meadow	55.30	304	IAMB	IAMB	02 26 14.9	
REDW	Red Top Meadow	55.36	303	IAMB	IAMB	02 26 26.3	
ZAIG	Zacatecas	55.39	277	P	P	02 26 15.2	+1.4
TPAW	Teton Pass	55.40	303	IAMB	IAMB	02 26 23.4	
PARB	Paraibuna	55.45	186	P	P	02 26 13.9	+0.2
MOIG	Morieia	55.53	273	P	P	02 26 15.7	+1.0
AHID	Auburn Hatcher	55.68	303	IAMB	IAMB	02 26 26.2	
FRTB	Fartura	55.92	190	eP	P	02 26 18.1	+1.0
TRCB	Terra Rica	55.93	194	eP	P	02 26 17.7	+0.5
121A	Cookes Peak, D	56.05	290	IAMB	IAMB	02 26 29.6	
121A	Cookes Peak, D	56.10	290	P	P	02 26 20.6	+2.0
HWUT	Hardware Ranch	56.31	301	IAMB	IAMB	02 26 21.0	
HPIG	HPIG	56.35	283	P	P	02 26 21.1	+0.6
HPIG	comp-Z,52nm,1.5s			IAMB	IAMB	02 26 31.9	
TMCR	Tamitasa	56.51	31	eP	P	02 26 18.7	-2.1
TMCR	comp-Z,34nm,1.5s			P	P		
MSO	Missoula	56.69	308	IAMB	IAMB	02 26 24.3	
MSO	Missoula	56.69	308	P	P	02 26 22.9	+0.4
OBN	Obninsk	56.99	42	LR	LR	02 49 51.0	
OBN	Obninsk	56.99	42	P	P	02 26 24.7	+0.4
OBN	Obninsk	56.99	42	P	P	02 26 24.3	0.0
OBN	Obninsk	56.99	42	e	e	02 27 20.4	
OBN	Obninsk	56.99	42	e	e	02 28 31.6	
MOS	Moscow	57.48	41	eP	P	02 26 26.7	-1.0
MOS	comp-Z,78nm,1.8s			P	P		
DUG	Dugway, Toeole	57.61	300	IAMB	IAMB	02 26 31.4	
DUG	Dugway, Toeole	57.61	300	P	P	02 26 30.5	+1.4
KLMR	Klimovskoe	57.61	35	eP	P	02 26 25.6	-3.0
KLMR	comp-Z,81nm,1.5s			P	P		
KLMR	Klimovskoe	57.61	35	eP	P	02 26 25.6	-3.0
KLMR	comp-Z,81nm,1.5s			AMP	AMP	02 26 29.6	
SIM	Simferopol'	57.64	54	eP	P	02 26 30.2	+1.1
SIM	comp-Z,13nm,1.6s			P	P		
PTGB	Pitanga	57.69	193	eP	P	02 26 29.9	+0.2
WUAZ	Wupatki	57.95	294	P	P	02 26 32.5	+0.9
BR231	Keskin MP Arra	58.09	60	P	P	02 26 33.6	+1.1
BR231	comp-Z,38nm,1.2s			IAMB	IAMB	02 26 44.3	
ANTO	Ankara	58.10	60	P	P	02 26 32.7	+0.2
ANTO	Ankara	58.10	60	P	P	02 26 32.7	+0.2
ANTO	comp-Z,95nm,1.8s			P	P		
ILGA	Ilgaz	58.43	59	P	P	02 26 35.5	+0.5
ILGA	comp-Z,43nm,1.5s			IAMB	IAMB	02 26 36.9	
NEW	Newport	58.44	310	P	P	02 26 35.3	+0.5
TUC	Tucson	58.56	291	P	P	02 26 36.9	+1.1
BR131	Keskin Array S	58.76	60	P	P	02 26 37.8	+0.5
BR131	Keskin Array S	58.76	60	P	P	02 26 38.2	+1.0
BR131	Keskin Array S	58.76	60	P	P	02 26 37.8	+0.5
BR131	comp-Z,93nm,2.0s			P	P		
BRTR	Keskin Array B	58.76	60	P	P	02 26 37.1	-0.1
BRTR	comp-Z,3.7nm,0.9s,baz=272,slow=4.6,SNR=28			LR	LR	02 51 06.1	

PB11	IPOC Station P	58.82	213	P	P	02 26 37.1	-0.6
LPSR	Galich'ya Gora	58.88	44	eP	P	02 26 37.7	+0.1
LPSR	comp-Z,80nm,0.9s			P	P		
VORR	Voronezh	59.26	45	eP	P	02 26 39.0	-1.3
VORR	comp-Z,250nm,1.6s			P	P		
VSR	Storozhevo	59.35	46	eP	P	02 26 40.3	-0.6
VSR	comp-Z,70nm,1.8s			P	P		
E09A	Wood Farm, Sta	59.57	308	IAMB	IAMB	02 26 53.1	
Y14A	Wickenburg	59.74	293	IAMB	IAMB	02 26 51.0	
PB01	IPOC Station P	59.86	212	P	P	02 26 44.6	-0.2
PB01	comp-Z,16nm,1.0s			IAMB	IAMB	02 26 48.1	
HSIG	HSIG	59.89	287	P	P	02 26 45.5	+0.5
HSIG	comp-Z,43nm,1.7s			IAMB	IAMB	02 26 47.7	
D08A	Wollman Farm,	59.93	309	IAMB	IAMB	02 26 50.5	
D08A	comp-Z,58nm,1.9s			IAMB	IAMB	02 26 50.5	
ANN	Anapa	59.95	53	eP	P	02 26 40.4	-4.8
ANN	comp-Z,31nm,1.3s			ePPP	P	02 26 45.3	-3.6
ANN	ANN			eS	S	02 34 51.6	-5.3
ITAB	Concordia	60.16	192	eP	P	02 26 47.2	+0.6
E08A	Dry Farm, El	60.18	209	IAMB	IAMB	02 26 48.0	
R11A	Troy Canyon, C	60.22	299	IAMB	IAMB	02 26 57.6	
R11A	comp-Z,43nm,1.9s			P	P		
R11A	Troy Canyon, C	60.22	299	P	P	02 26 48.6	+1.2
PRGR	Pergomoe	60.35	33	eP	P	02 26 43.6	-4.0
PRGR	comp-Z,71,SNR=5.9			P	P		
CPUP	Villa Florida	60.42	198	P	P	02 26 47.7	-0.7
CPUP	comp-Z,3.7nm,1.0s,baz=16,slow=9.1,SNR=5.6			LR	LR	02 53 27.1	
CPUP	Villa Florida	60.42	198	P	P	02 26 48.4	0.0
CPUP	comp-Z,54nm,1.8s			IAMB	IAMB	02 26 54.1	
CPUP	Villa Florida	60.42	198	P	P	02 26 48.4	0.0
CPUP	comp-Z,53nm,1.8s			P	P		
CPUP	Villa Florida	60.42	198	eP	P	02 26 48.1	-0.3
G08A	Pilot Rock	60.46	307	IAMB	IAMB	02 26 50.4	
PDMCI	Parker Dam,Lak	60.49	294	P	P	02 26 51.0	+1.9
HAWA	Hanford	60.52	309	IAMB	IAMB	02 26 59.2	
LLL	Lillooet	60.82	314	IAMB	IAMB	02 26 51.3	
VRH	Novokhoporsky	60.91	45	eP	P	02 26 51.2	-0.4
VRH	comp-Z,50nm,1.1s			P	P		
C06D	Leavenworth	60.97	311	P	P	02 26 52.0	-0.1
LVC	Limón Verde	60.98	210	P	P	02 26 52.9	+0.1
LVC	comp-Z,38nm,1.8s			IAMB	IAMB	02 27 54.9	
LVC	Limón Verde	60.98	210	P	P	02 26 52.9	+0.1
LVC	comp-Z,38nm,1.8s			P	P		
LVC	Limón Verde	60.98	210	eP	P	02 26 53.6	+0.8
Y12C	Blythe	60.99	294	P	P	02 26 54.3	+1.9
WVOR	Wild Horse Val	61.11	304	P	P	02 26 53.8	+0.5
WVOR	comp-Z,26nm,1.4s			IAMB	IAMB	02 27 05.5	
WVOR	Wild Horse Val	61.11	304	P	P	02 26 53.8	+0.5
WVOR	Topopah Spring	61.19	297	P	P	02 26 55.8	+1.8
GLN	Glamis	61.48	293	P	P	02 26 57.8	+2.0
GMR	Granite Mounta	61.50	295	P	P	02 26 55.8	-0.3
SHOC	Shoshone, Teco	61.57	296	P	P	02 26 56.4	0.0
SRIG	Santa Rosalia	61.60	286	IAMB	IAMB	02 26 57.9</	

1d 3h

Table of station data for 1d 3h, including columns for station name, frequency, power, and other technical details.

2014 MAR

Main table of station data for 2014 MAR, listing station names, frequencies, and various technical parameters.

Table of station data for the right side of the page, including station names, frequencies, and technical details.

1d 3h

Table of astronomical observations for 1d 3h, listing object names (e.g., HHC Hu-ho-hao-te), coordinates, and various parameters like SNR and magnitude.

2014 MAR

Table of astronomical observations for 2014 MAR, listing object names (e.g., CLL Collin), coordinates, and various parameters like SNR and magnitude.

10

Table of astronomical observations for 10, listing object names (e.g., SIV San Ignacio), coordinates, and various parameters like SNR and magnitude.

1d 6h

UGL	comp=Z,319nm,0.9s			smax	smax		
UGL	comp=E,677nm,1.2s			smax	smax		
UGL	comp=Z,255nm,1.1s			smax	smax		
UGL	comp=N,458nm,1.2s			smax	smax		
UGL	comp=N,2µm,3.9s			smax	smax		
UGL	comp=E,3µm,2.1s			smax	smax		
TYV	Tymovskoe	6.20	4	eP	Pn	06 05 12.8 +1.1	
TYV	comp=E,90nm,1.0s			AMB	AMB	06 05 13.0	
TYV	comp=E,500nm,2.0s			AMB	AMB	06 05 13.2	
TYV	comp=E,124nm,1.0s			eS	A	06 06 26.1 +2.1	
TYV	comp=E,2µm,5.0s			A	A	06 06 28.0	
TYV	Tymovskoe	6.20	4	ePN	Pn	06 05 12.8 +1.1	
TYV	comp=E,2µm,5.0s			eS	S	06 06 27.0	
TYV	comp=Z,500nm,2.1s			pmx	pmx		
TYV	comp=Z,94nm,1.0s			smx	smx		
TYV	comp=N,124nm,1.4s			smx	smx		
TYV	comp=E,2µm,5.0s			smx	smx		
GRNR	Gornyy	7.17	330	eP	Pn	06 05 25.3 +1.4	
GRNR	comp=E,10.0nm,0.6s			AMB	AMB	06 05 26.1	
GRNR				eS	S	06 06 48.0 +1.7	
GRNR	comp=E,70nm,0.8s			A	A	06 06 49.2	
GRNR	Gornyy	7.17	330	ePN	Pn	06 05 25.3 +1.4	
GRNR	comp=Z,10.0nm,0.6s			pmx	pmx	06 06 48.0 +1.7	
GRNR				smx	smx		
GRNR	comp=N,7.0nm,0.8s			MLR	MLR		
GRNR	comp=Z,230nm,14.0s			MLR	MLR		
USA0B	Ussuriysk Arra	7.21	270	P	Pn	06 05 24.4 -0.1	
USA0B	comp=Z,230nm,14.0s			S	S	06 06 46.2 -1.1	
USA0B	Ussuriysk Arra	7.21	270	PN	Pn	06 05 24.4 -0.1	
USA0B	comp=Z,230nm,14.0s			S	S	06 06 46.2 -1.1	
USRK	Ussuriysk Ar.	7.21	270	P	Pn	06 05 24.6 +0.1	
USRK	comp=Z,230nm,14.0s			S	S	06 06 46.2 -1.1	
VLA	Vladivostok	7.50	262	eP	Pn	06 05 27.9 -0.2	
VLA	comp=Z,230nm,14.0s			eP	Pn	06 05 27.9 -0.2	
VLA	Vladivostok	7.50	262	iPN	Pn	06 05 27.9 -0.2	
VLA	comp=Z,230nm,14.0s			eP	Pn	06 05 27.9 -0.2	
MSHR	Mys Shultsa	8.17	259	eP	Pn	06 05 36.3 -0.3	
MSHR	comp=Z,230nm,14.0s			eP	Pn	06 05 36.3 -0.3	
KLR	Kul'dur	8.38	307	P	Pn	06 05 39.3 0.0	
KLR	comp=Z,230nm,14.0s			P	Pn	06 05 39.3 0.0	
KLR	Kul'dur	8.38	307	eP	Pn	06 05 40.9 +1.7	
KLR	comp=Z,230nm,14.0s			eP	Pn	06 05 40.9 +1.7	
MJB9	Matsushiro	8.63	201	eP	Pn	06 05 40.3 -2.4	
MJB9	comp=Z,230nm,14.0s			eP	Pn	06 05 40.3 -2.4	
MAJO	Matsushiro	8.63	201	P	Pn	06 05 39.7 -3.0	
MAJO	comp=Z,230nm,14.0s			P	Pn	06 05 40.3 -2.4	
MAJO	Matsushiro	8.63	201	iPN	Pn	06 05 40.3 -2.4	
MAJO	comp=Z,230nm,14.0s			iPN	Pn	06 05 40.3 -2.4	
MAT	Matsushiro	8.63	201	eS	S	06 05 40.7 -2.0	
MAT	comp=Z,230nm,14.0s			eS	S	06 05 40.7 -2.0	
MAT	Matsushiro Arr	8.63	201	P	Pn	06 05 40.7 -2.0	
MAT	comp=Z,230nm,14.0s			P	Pn	06 05 40.7 -2.0	
MDJ	Mudanjiang	8.88	274	P	Pn	06 05 45.8 +0.2	
MDJ	comp=Z,230nm,14.0s			P	Pn	06 05 45.8 +0.2	
MDJ				eP	Pn	06 06 35.8	
MDJ	comp=Z,230nm,14.0s			eP	Pn	06 07 24.4 -1.6	
MDJ				pmx	pmx		
MDJ	comp=Z,67nm,1.0s			pmx	pmx		
MDJ	comp=Z,140nm,3.5s			pmx	pmx		
MDJ	Inuyama	10.08	204	Pn	Pn	06 05 45.4 -0.2	
MDJ	comp=Z,140nm,3.5s			Pn	Pn	06 05 58.1 -2.8	
MDJ	Ekimchan	10.30	328	eP	Pn	06 06 03.0 -0.6	
MDJ	comp=Z,140nm,3.5s			eP	Pn	06 06 21.8	
MDJ	Severo-Kuril's	11.22	53	eP	Pn	06 06 16.0 +0.9	
MDJ	comp=Z,140nm,3.5s			eP	Pn	06 06 17.0	
MDJ				AMB	AMB	06 06 17.8	
MDJ	comp=Z,200nm,4.0s			AMB	AMB	06 06 17.8	
MDJ				AMB	AMB	06 06 17.8	
MDJ	Severo-Kuril's	11.22	53	eS	S	06 08 19.3 -0.9	
MDJ	comp=Z,200nm,4.0s			eS	S	06 06 16.7 +1.6	
MDJ				eS	S	06 08 16.1 -4.1	
MDJ	Severo-Kuril's	11.22	53	ePN	Pn	06 06 16.7 +1.6	
MDJ	comp=Z,200nm,4.0s			ePN	Pn	06 06 16.7 +1.6	
MDJ				pmx	pmx		
MDJ	comp=Z,200nm,4.0s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	Hachijo jima 2	11.68	189	P	Pn	06 06 18.8 -2.2	
MDJ	comp=Z,200nm,4.0s			P	Pn	06 06 18.8 -2.2	
MDJ				pmx	pmx		
MDJ	comp=Z,200nm,4.0s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	Mitsune	11.68	189	P	Pn	06 06 18.5 -2.5	
MDJ	comp=Z,200nm,4.0s			P	Pn	06 06 24.0 -0.1	
MDJ				eP	Pn	06 07 23.6 +5.6	
MDJ	Changchun	11.94	272	eP	Pn	06 06 33.8 -3.1	
MDJ	comp=Z,200nm,4.0s			eP	Pn	06 06 33.8 -3.1	
MDJ				pmx	pmx		
MDJ	comp=Z,10.0nm,0.6s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	comp=Z,200nm,3.0s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	comp=Z,100nm,10.0s			LR	LR		
MDJ				LR	LR		
MDJ	comp=Z,110nm,10.0s			LR	LR		
MDJ				LR	LR		
MDJ	comp=Z,100nm,11.0s			LR	LR		
MDJ				LR	LR		
MDJ	Pauzhetka	11.98	50	eP	Pn	06 06 24.4 -0.1	
MDJ	comp=Z,100nm,11.0s			eP	Pn	06 06 36.3 -1.4	
MDJ				eS	Pn	06 06 34.9 -0.7	
MDJ	Korea Array	12.86	241	P	Pn	06 14 58.7 0.0	
MDJ	comp=Z,30nm,0.3s,baz=55,slow=12,SNR=23			P	Pn	06 14 58.7 0.0	
MDJ				ScP	ScP	06 14 58.7 0.0	
MDJ	Wonju Arry Si	12.86	241	P	Pn	06 06 34.9 -0.8	
MDJ	comp=Z,30nm,0.3s,baz=137,slow=0.6,SNR=6.1			P	Pn	06 06 34.9 -0.8	
MDJ				eP	Pn	06 06 38.5 -0.6	
MDJ	Bomnak	13.16	324	eP	Pn	06 06 42.1 +0.6	
MDJ	comp=Z,30nm,0.3s,baz=137,slow=0.6,SNR=6.1			eP	Pn	06 06 42.1 +0.6	
MDJ				AMB	AMB	06 06 43.0	
MDJ	Zeya	13.23	318	eP	Pn	06 06 42.1 +0.6	
MDJ	comp=Z,30nm,0.3s,baz=137,slow=0.6,SNR=6.1			eP	Pn	06 06 42.1 +0.6	
MDJ				pmx	pmx	06 09 08.7	
MDJ	Zeya	13.23	318	ePN	Pn	06 06 42.1 +0.6	
MDJ	comp=Z,30nm,0.3s,baz=137,slow=0.6,SNR=6.1			ePN	Pn	06 06 42.1 +0.6	
MDJ				pmx	pmx		
MDJ	comp=Z,26nm,0.8s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	comp=Z,30nm,0.7s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	Petrovlovsk	13.29	45	P	Pn	06 06 41.3 +0.6	
MDJ	comp=Z,30nm,0.7s			P	Pn	06 06 41.3 +0.6	
MDJ				ePN	Pn	06 06 41.6 +0.7	
MDJ	Petrovlovsk	13.29	45	ePN	Pn	06 06 41.6 +0.7	
MDJ	comp=Z,30nm,0.7s			ePN	Pn	06 06 41.6 +0.7	
MDJ				AMB	AMB	06 06 47.0 -0.2	
MDJ	Petrovlovsk	13.29	45	eP	Pn	06 06 47.0 -0.2	
MDJ	comp=Z,30nm,0.7s			eP	Pn	06 06 47.0 -0.2	
MDJ				AMB	AMB	06 06 48.4	
MDJ	Petrovlovsk	13.29	45	AMB	AMB	06 06 48.4	
MDJ	comp=Z,30nm,0.7s			AMB	AMB	06 06 48.4	
MDJ				eS	S	06 09 14.6 -3.5	
MDJ	Petrovlovsk	13.29	45	eS	S	06 09 14.6 -3.5	
MDJ	comp=Z,160nm,0.7s			eS	S	06 09 20.4	
MDJ				A	A	06 09 20.4	
MDJ	Petrovlovsk	13.29	45	A	A	06 09 20.4	
MDJ	comp=Z,720nm,0.9s			A	A	06 09 20.4	
MDJ				A	A	06 09 20.4	
MDJ	Petrovlovsk	13.29	45	P	Pn	06 06 46.6 +0.5	
MDJ	comp=Z,720nm,0.9s			P	Pn	06 06 46.6 +0.5	
MDJ				eS	S	06 09 13.5 -4.6	
MDJ	Petrovlovsk	13.29	45	eS	S	06 09 13.5 -4.6	
MDJ	comp=Z,290nm,0.9s			eS	S	06 09 13.5 -4.6	
MDJ				pmx	pmx		
MDJ	Petrovlovsk	13.29	45	pmx	pmx		
MDJ	comp=Z,290nm,0.9s			pmx	pmx		
MDJ				pmx	pmx		
MDJ	comp=Z,226nm,1.1s			MLR	MLR		
MDJ				MLR	MLR		
MDJ	Kirovskiy	13.79	320	eP	Pn	06 06 46.8 0.0	
MDJ	comp=Z,300nm,14.0s			eP	Pn	06 06 46.8 0.0	
MDJ				AMB	AMB	06 06 50.0	
MDJ							

TAPN	Tablejung	46.35 267	eP	P	06 11 43.5 +0.1
SMPI	Sarmi	46.56 185	P	P	06 11 45.4 +0.7
ULHL	Ulahol	46.64 291	P	P	06 11 45.9 +0.5
KMSI	Cibinong	46.75 205	P	P	06 11 55.3 +9.1
EPYK	Eagle Plains	46.76 33	P	P	06 11 45.4 -0.3
EPYK	Eagle Plains	46.76 33	P	P	06 11 45.4 -0.3
ODAN	Odare	46.87 267	eP	P	06 11 46.9 -0.5
LBMI	Labuha	46.94 200	P	P	06 11 46.6 -1.1
PCA	Pinnacle	46.96 42	IAMB	IAMB	06 11 50.9
JIRN	Jiri	47.25 268	eP	P	06 11 50.6 +0.2
KBK	Karagaybulak	47.31 292	P	P	06 11 51.3 +0.8
GUN	Gumba	47.32 269	eP	P	06 11 50.9 -0.1
USP	Ospenovka	47.34 293	P	P	06 11 51.1 +0.6
KZA	Kyzart	47.38 292	P	P	06 11 52.7 +1.4
RAMN	Ramite	47.38 267	eP	P	06 11 51.0 -0.3
INK	Inuvik	47.45 30	P	P	06 11 50.4 -0.6
INK	Inuvik	47.45 30	IAMB	IAMB	06 12 43.7 +0.5
MRSI	Marisa	47.49 208	P	P	06 11 51.7 -0.2
AAK	Ala-Archa	47.62 293	P	P	06 11 53.4 +0.5
AAK	Ala-Archa	47.62 293	iP	P	06 11 53.2 +0.4
AAK	Ala-Archa	47.62 293	eP	P	06 11 53.1 +0.2
AAK	Ala-Archa	47.62 293	P	P	06 11 52.9 0.0
AAK	Ala-Archa	47.62 293	iP	P	06 11 53.1 +0.2
UCH	Uchtor	47.80 292	P	P	06 11 55.1 +0.5
KKN	Kakani	47.82 269	eP	P	06 11 54.5 -0.1
PKI	Pulchoki	47.86 269	eP	P	06 11 54.8 -0.3
PKIN	Phulchoki	47.86 269	eP	P	06 11 54.7 -0.3
DMN	Daman	48.05 269	eP	P	06 11 56.6 +0.1
EKS2	Erkin-Say	48.08 293	P	P	06 11 56.9 +0.5
KSH	Kashi	48.09 288	P	P	06 12 01.0 +4.6
KSH	Kashi	48.09 288	PP	PP	06 13 55.5 +4.7
KSH	Kashi	48.09 288	PcS	PcS	06 17 17.3 +1.1
KSH	Kashi	48.09 288	S	S	06 18 44.2 +8.4
KSH	Kashi	48.09 288	ScS	ScS	06 21 27.7 +4.7
KSH	Kashi	48.09 288	Pmax	Pmax	
KSH	Kashi	48.09 288	Pmax	Pmax	
GKN	Gorkha	48.15 270	eP	P	06 11 57.0 -0.1
FAKI	Fak Fak	48.19 193	P	P	06 11 56.9 -0.4
FAKI	Fak Fak	48.19 193	P	P	06 11 56.8 -0.5
MPSI	Mapaga	48.33 210	P	P	06 11 57.7 +0.4
AML	Almayashu	48.38 292	P	P	06 11 59.7 +0.7
DANN	Dangung	48.57 271	eP	P	06 12 01.0 +0.5
LUWI	Luwuk	48.65 206	P	P	06 12 00.8 +0.1
SANI	Sanana	48.68 202	P	P	06 11 59.4 -1.6
APSI	Ampana	48.89 208	P	P	06 12 01.7 -0.8
WHY	Whitehorse	49.29 40	IAMB	IAMB	06 12 07.7
SKAG	Skagway	49.52 42	P	P	06 12 08.3 +1.6
SBUM	Sibu	49.60 221	P	P	06 12 09.0 +1.1
SVE	Sverdlorsk	49.91 315	eP	P	06 12 10.2 +0.4
KK31	Karatay Array	50.01 295	IAMB	IAMB	06 12 11.8
KKAR	Karatay Array	50.01 295	IAMB	IAMB	06 12 10.5 -0.3
C36M	Paulatuk	50.36 27	P	P	06 12 12.3 -0.6
C36M	Paulatuk	50.36 27	IAMB	IAMB	06 12 14.5
SIT	Sitka	50.44 45	IAMB	IAMB	06 12 12.5 -0.4
ARU	Arti	51.12 315	eP	P	06 12 18.5 -0.3
ARU	Arti	51.12 315	P	P	06 12 18.4 -0.3
ARU	Arti	51.12 315	iP	P	06 12 18.9 +0.1
ARU	Arti	51.12 315	PP	PP	06 13 29.9
ARU	Arti	51.12 315	S	S	06 14 13.4
ARU	Arti	51.12 315	S	S	06 19 17.7 +0.7
ARU	Arti	51.12 315	SS	SS	06 21 37.4
ARU	Arti	51.12 315	SS	SS	06 22 51.3 -3.6
KSM	Kuching	51.36 222	P	P	06 12 21.3 +0.3
KSM	Kuching	51.36 222	IAMB	IAMB	06 12 22.5
KSM	Kuching	51.36 222	P	P	06 12 22.0 +0.9
GAR	Garm	52.15 290	P	P	06 12 26.6 -0.3
SPSI	Sidrap Palu	52.37 209	P	P	06 12 26.8 -1.7
DLBC	Dease Lake	52.45 42	P	P	06 12 30.3 +1.7
DLBC	Dease Lake	52.45 42	IAMB	IAMB	06 12 31.9
NIL	Nilore	53.00 283	P	P	06 12 33.1 +0.1
NIL	Nilore	53.00 283	IAMB	IAMB	06 12 34.5
NIL	Nilore	53.00 283	P	P	06 12 33.1 +0.1
NIL	Nilore	53.00 283	Pmax	Pmax	
KBKI	Kotabaru	53.07 213	P	P	06 12 32.6 -1.0
KULM	Kulim	53.33 235	IAMB	IAMB	06 12 37.0
KULM	Kulim	53.33 235	P	P	06 12 36.0 +0.4
KAPI	Kappang	53.35 208	P	P	06 12 35.0 -0.1
BKSI	Bulukumba	53.52 208	P	P	06 12 35.7 -1.2
AB31	Akbulak array	53.58 306	iP	P	06 12 36.9 0.0
ABKAR	Akbulak array	53.58 306	IAMB	IAMB	06 12 38.1
AKTO	Aktyubinsk	54.10 308	P	P	06 12 40.0 +0.7
MYKOM	Kotia Tinggi	54.11 229	P	P	06 12 44.0 -0.8
PRGR	Perngore	54.71 324	eP	P	06 12 42.3 -2.6
PRGR	Perngore	54.71 324	Pmax	Pmax	06 13 38.9
RES	Resolute Bay	55.10 16	P	P	06 12 46.6 -0.8
RES	Resolute Bay	55.10 16	P	P	06 13 41.2 -0.1
RES	Resolute Bay	55.10 16	IAMB	IAMB	06 12 48.7
KBL	Kabul	55.41 286	P	P	06 12 49.5 -1.1
KBL	Kabul	55.41 286	IAMB	IAMB	06 12 50.3
KBL	Kabul	55.41 286	P	P	06 12 49.5 -1.1
KBL	Kabul	55.41 286	Pmax	Pmax	
PSI	Prapat	56.34 235	P	P	06 12 56.8 -0.5
PSI	Prapat	56.34 235	P	P	06 13 50.5 -0.6
RPSI	Rantau Prapat	56.43 235	IAMB	IAMB	06 12 57.8
YKA	Yellowknife Ar	57.03 33	P	P	06 13 01.4 +0.2

YKA	comp=Z,1.3nm,0.6s,baz=305,slow=6.4,SNR=1.8	pP	P	06 13 55.1 -0.4	
YKA	comp=Z,1.2nm,0.9s,baz=306,slow=4.0,SNR=5.6	ScP	P	06 17 30.0 +1.1	
ARCES	comp=Z,2.6nm,0.8s,baz=56,slow=7.5,SNR=4.6	P	P	06 13 00.7 -0.6	
MTN	Manton Dam	58.10 193	P	P	06 13 08.5 -0.7
COEN	Coen	58.37 179	P	P	06 13 11.2 +0.1
JAGI	Jajag, Banyuara	58.59 213	IAMB	IAMB	06 13 11.3
LEM	Lembang	59.89 220	P	P	06 13 22.3 +0.6
HRA	Herat	60.10 290	IAMB	IAMB	06 13 23.8
LLBL	Lilloet	60.53 47	IAMB	IAMB	06 13 27.6
GEYT	Alibeck	60.74 296	P	P	06 13 27.3 +0.1
GYA0B	ALIBECK ARRAY	60.74 296	P	P	06 13 27.4 +0.2
GYA0B	ALIBECK ARRAY	60.74 296	IAMB	IAMB	06 13 28.2
KNRA	Kununurra	61.27 195	P	P	06 13 31.0 +0.3
NLWA	Neilton Lookou	61.34 51	P	P	06 13 32.7 +1.7
D03D	Eldon	61.69 50	P	P	06 13 35.1 +1.9
B05A	Bryant	61.79 49	P	P	06 13 35.3 +1.4
FIA1	FINESS Array S	62.32 331	P	P	06 13 36.5 -0.7
FIAT	FINESS Array S	62.32 331	IAMB	IAMB	06 13 37.0
FINES	FINESS Array B	62.32 331	P	P	06 13 36.7 -0.5
FINES	comp=Z,6.6nm,0.7s,baz=46,slow=8.2,SNR=22	pP	P	06 14 33.4 +1.0	
VRH	Novokhoporsky	62.33 316	eP	P	06 13 36.5 -0.9
VRH	Novokhoporsky	62.33 316	Pmax	Pmax	
OBN	Obninsk	62.34 321	eP	P	06 13 35.6 -1.8
OBN	Obninsk	62.34 321	eP	P	06 13 35.6 -1.8
OBN	Obninsk	62.34 321	e	e	06 14 14.5
OBN	Obninsk	62.34 321	ePP	PP	06 14 33.8 +1.4
OBN	Obninsk	62.34 321	Pmax	Pmax	
E04D	Cinebar	62.56 51	P	P	06 13 41.2 +2.2
C06D	Leavenworth	62.64 49	P	P	06 13 41.3 +1.6
LPSR	Galich ya Gora	62.83 318	eP	P	06 13 39.5 -1.2
LPSR	Galich ya Gora	62.83 318	Pmax	Pmax	
SUMG	Summit	63.05 0	iP	P	06 13 41.9 -0.4
SUMG	Summit	63.05 0	P	P	06 13 42.5 +0.2
SUMG	Summit	63.05 0	IAMB	IAMB	06 13 42.8
SUMG	Summit	63.05 0	P	P	06 13 42.5 +0.2
SUMG	Summit	63.05 0	Pmax	Pmax	
LTY	Liberty	63.40 49	IAMB	IAMB	06 13 45.0
B08A	Colville Reser	63.21 48	IAMB	IAMB	06 13 45.2
VSR	Storozhevoye	63.59 317	eP	P	06 13 44.8 -0.9
VSR	Storozhevoye	63.59 317	Pmax	Pmax	
J01E	Myrtle Point	63.84 54	P	P	06 13 49.6 +2.1
I03D	Drain, OR	63.85 54	P	P	06 13 49.8 +2.3
E07A	Sunnyside	64.04 49	IAMB	IAMB	06 13 51.1
G05D	Wamic, OR	64.05 51	P	P	06 13 50.9 +2.0
SANVU	Saraoutou	64.08 153	P	P	06 13 49.9 +0.7
C09A	Christman Ranch	64.11 48	IAMB	IAMB	06 13 51.0
VSU	Vasula	64.16 328	eP	P	06 13 48.6 -0.7
VSU	Vasula	64.16 328	Pmax	Pmax	
FITZ	Fitzroy Crossi	64.24 197	P	P	06 13 50.2 0.0
FITZ	Fitzroy Crossi	64.24 197	PcP	PcP	06 14 23.1 +0.3
HAWA	Hanford	64.32 49	IAMB	IAMB	06 13 52.7
I04A	Tendick Farm	64.32 53	P	P	06 13 52.4 +1.7
NEW	Newport	64.42 47	P	P	06 13 52.2 +0.9
NEW	Newport	64.42 47	IAMB	IAMB	06 13 53.1
NEW	Newport	64.42 47	Pmax	Pmax	
NEW	Newport	64.42 47	P	P	06 13 52.3 +1.1
I05D	Terrebonne, OR	64.59 52	P	P	06 13 54.1 +1.7
WRAB	Tennant Creek	64.68 188	iP	P	06 13 52.4 -0.7
WRAB	Tennant Creek	64.68 188	Pmax	Pmax	
PALK	Pallekele	64.68 254	P	P	06 13 53.1 -0.3
PALK	Pallekele	64.68 254	P	P	06 13 53.0 -0.4
PALK	Pallekele	64.68 254	IAMB	IAMB	06 13 53.8
WB2	Warramunga Arr	64.69 188	IAMB	IAMB	06 13 53.1
W4R	Warramunga Arr	64.69 188	P	P	06 13 52.5 -0.6
J04D	Umpqua Nationa	64.84 53	P	P	06 13 56.1 +1.9
E09A	Wood Farm, Sta	64.99 49	IAMB	IAMB	06 13 57.1
AKT	Akhty	65.03 304	eP	P	06 13 55.7 +0.3
AKT	Akhty	65.03 304	e	e	06 14 25.3
AKT	Akhty	65.03 304	ePP	PP	06 14 51.3 +0.3
AKT	Akhty	65.03 304	Pmax	Pmax	
PINE	Pine Mountain	65.16 52	P	P	06 13 58.4 +2.2
J05D	Fort Rock, OR	65.31 53	P	P	06 13 59.2 +2.0
L04D	Klamath Falls	65.36 54	P	P	06 13 59.2 +1.7
YBH	Yreka Blue Hor	65.43 55	IAMB	IAMB	06 14 00.7
WALA	Waterton Lakes	65.55 45	IAMB	IAMB	06 14 00.4
M02C	Callahan	65.56 55	P	P	06 14 01.1 +2.4
F10A	Black Ranch, E	65.82 49	IAMB	IAMB	06 14 02.5
M04C	Macdoel	65.90 55	P	P	06 14 02.2 +1.2
N02D	Trinity Center	65.91 56	P	P	06 14 03.2 +2.3
NCK	Nalchik	66.15 308	eP	P	06 14 03.2 +0.9
KIV	Kislovodsk	66.36 309	eP	P	06 14 04.9 +1.1
KIV	Kislovodsk	66.36 309	eP	P	06 14 04.9 +1.1
KIV	Kislovodsk	66.36 309	Pmax	Pmax	
KIBZ	Khabaz	66.39 309	P	P	06 14 03.8 0.0
KBZ	Khabaz	66.39 309	eP	P	06 14 04.2 +0.4
NACGM	Naroch	66.65 325	iP	P	06 14 04.2 +0.4
NEY	Neitrino	66.79 308	eP	P	06 14 07.5 +0.9
J08A	Circle Bar Ran	66.82 51	IAMB	IAMB	06 14 10.0
O03E	Payne Creek	66.87 56	P	P	06 14 08.5 +1.5
MSO	Misoula	67.00 46	IAMB	IAMB	06 14 10.2
MSO	Misoula	67.00 46	P	P	06 14 09.0 +1.2
FFC	Flin Flon	67.08 34	P	P	06 14 08.5 +0.5
FFC	Flin Flon	67.08 34	IAMB	IAMB	06 14 13.0
FFC	Flin Flon	67.08 34	P	P	06 14 08.5 +0.5
FFC	Flin Flon	67.08 34	Pmax	Pmax	
NC20A	NORSAR Array S	67.28 337	P	P	06 14 08.9 -0.3
WVOR	Wild Horse Val	67.32 52	IAMB	IAMB	06 14 12.9
NB2	NORSAR Subarra	67.34 336	P	P	06 14 08.8 -0.8

NOA	NORSAR Array B	67.34 336	P	P	06 14 09.0 -0.6
AKH	Akhalkalaki	67.54 306	IAMB	IAMB	06 14 12.9 +1.5
AKH	Akhalkalaki	67.54 306	IAMB	IAMB	06 14 13.6
GNI	Garni	67.63 305	eP	P	06 14 13.8 +1.9
EGMT	Eaglefort	68.30			

1d 6h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like VYHS, BRG, PVCC, JAVC, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MIAR, W41B, Q51A, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PB15, PATCX, TA01, etc.

comp=Z,0.6nm,0.8s,baz=106,slow=9.7,SNR=2.5
YKA Yellowknife Arr 80.58 3 P 06 44 14.0 0.0
comp=Z,0.1nm,0.4s,baz=343,slow=5.4,SNR=3.4

DJA 01 06:46:26.2 0.4, 11.4N, 122.2E, h48km,7km, M4.2/8,
mB4.6/5, mb4.6/2, MLV4.2/8, MLV4.1/5, Mw(m)B3.8/2
NEIC 01 06:46:26.2 1.9, 0.7N, 0.1: 121.7E: 0.2, h10km,8km,
mb4.5/10, Error ellipse: s-maj=30.0km s-min=9.8km
az=53.0
IDC 01 06:46:30.1 10.0, 0.84N: 122.24E, h134km, 104km,
mb3.5/5, mb1 3.7/5, mb1mx3.4/25, mbmp3.9/5, Error
ellipse: s-maj=159.7km s-min=18.1km az=66.0
ISC 01 06:46:26.6 0.6, 0.71N, 0.07: 121.79E: 0.08, h100km, n29,
c209/36, mb4.1/9, Minahassa Peninsula, Sulawesi

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

NEIC 01 06:58:36.2 4.1, 11.0S: 0.2: 164.4E: 0.1, h53km, 12km,
mb4.4/4, Error ellipse: s-maj=29.2km s-min=8.4km
az=223.0
IDC 01 06:58:38.3 4.0, 11.09S: 0.164.16E, h60km, 31km, mb3.3/4,
mb1 3.4/4, mb1mx3.3/32, mbmp3.5/4, ML3.6/1, M53.5/6,
ML1 3.5/6, mb1mx3.2/22, Error ellipse: s-maj=40.5km
s-min=21.5km az=57.0
ISC 01 06:58:34.2 1.1, 10.9S: 0.2: 164.4E: 0.1, h29km, n18,
c1935/14, mb3.7/6, Santa Cruz Islands region

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

NCEDC 01 07:00:12.3 1.0, 37.862N: 0.008: 122.248W: 0.008,
h10km, 1km, Md2.5/103, Error ellipse: s-maj=1.2km
s-min=0.8km az=168.0
NEIC 01 07:00:12.3 0.8, 37.859N: 0.004: 122.27W: 0.01,
h17km, 1km, Error ellipse: s-maj=1.3km s-min=0.3km
az=61.0, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like BRK, BL98, YAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like CMOB, JHPM, NGVM, etc.

IDC 01 07:17:19.9 3.8, 3.15S: 140.36E, h0km, mb3.1/3,
mb1 3.5/4, mb1mx3.4/26, mbmp3.3/4, ML3.6/1, Error
ellipse: s-maj=120.7km s-min=28.2km az=93.0
DJA 01 07:17:28.5 1.0, 3.4S: 141.0E: 0.2, h31km, 39km, M3.9/3,
MLV3.9/3
ISC 01 07:17:27.8 1.2, 3.21S: 0.07: 140.1E: 0.1, h54km, n7,
c054/10, Irian Jaya

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

GCG 01 07:41:20.3 0.6, 15.03N: 89.50W, h8km, MD3.6
SNET 01 07:41:21.8: 1.2, 14.80N: 89.44W, h5km, 14km, ML3.4
ISC 01 07:41:16.6: 2.4, 15.05N: 0.09: 89.33W: 0.08, h9km, 12km,
n14, c074/20, 1C-2D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like MRL, MTO3, LLGN, etc.

IDC 01 07:59:53.8: 23.0, 16.44S: 177.32W, h0km, mb4.2/4,
mb1 4.4/4, mb1mx3.8/25, mbmp4.2/4, Error ellipse:
s-maj=434.8km s-min=47.6km az=58.0, Fiji Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like URZ, STKA, WRA, etc.

JMA 01 08:31:42.4 0.2, 41.94N: 142.34E, h67km, 3km, M3.1
IDC 01 08:31:45.8: 2.4, 42.11N: 142.37E, h88km, 15km, mb3.4/10,
mb1 3.4/13, mb1mx3.2/40, mbmp3.6/13, Error ellipse:
s-maj=27.3km s-min=16.3km az=127.0
ISC 01 08:31:42.6 0.9, 41.92N: 0.05: 142.33E: 0.05, h66km, 7km,
n35, c060/42, mb3.6/10, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like MRL, MTO3, LLGN, etc.

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

THE 01 08:36:09.8, 38.30N: 20.38E, h9km, 2km, ML2.3/7, Error
ellipse: s-maj=2.2km s-min=0.7km az=89.0
ATH 01 08:36:10.1, 38.32N: 20.42E, h10km, 2km, ML2.6/7, Error
ellipse: s-maj=2.5km s-min=0.8km az=251.0
ISC 01 08:36:09.0, 0.9, 38.32N: 0.02: 20.38E: 0.04, h16km, 5km,
n26, c070/48, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like KEF4, KEF4, KEF1, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
TWC	Sua0	0.04	298	Op	ISC	08 37 41.3	+0.2
TWC	baz=64			iS	Sn	08 37 48.2	+0.5
ENA	Nanu0	0.21	221	iP	Pn	08 37 41.6	-0.1
ENA	baz=205			iS	Sn	08 37 49.5	+0.8
ILA	Ilan	0.22	324	iP	Pn	08 37 42.4	+0.6
ILA	baz=335			S	Sn	08 37 48.9	+0.1
EOS1	EOS1	0.22	100	P	Pn	08 37 42.6	+0.9
TWE	Neicheng	0.24	303	iP	Pn	08 37 42.1	+0.3
TWE	baz=310			eS	Sn	08 37 49.6	+0.6
NTC	Toucheng	0.27	348	eP	Pn	08 37 42.6	+0.5
NTC	baz=358			eS	Sn	08 37 49.8	+0.4
SLBB	Yuanshan	0.28	305	iP	Pn	08 37 41.4	-0.8
SLBB	baz=310			S	Sn	08 37 48.9	-0.8
ENIT	Nioudou	0.30	280	iP	Pn	08 37 42.3	0.0
ENIT	baz=279			eS	Sn	08 37 49.6	-0.2
NDT	Datong Townshi	0.34	272	iP	Pn	08 37 42.6	0.0
NDT	baz=270			S	Sn	08 37 50.6	+0.2
TIPB	Shuangxi	0.39	351	iP	Pn	08 37 43.1	+0.1
TIPB	baz=358			iS	Sn	08 37 51.3	+0.2
NWL1	Wulai	0.40	298	P	Pn	08 37 43.0	-0.2
NWL1	baz=300			S	Sn	08 37 50.8	-0.5
TWB1	Santiao Chiao	0.43	12	iP	Pn	08 37 43.3	0.0
TWB1	baz=19			S	Sn	08 37 51.6	0.0
YHNB	Yeheng	0.48	280	P	Pn	08 37 43.6	-0.3
YHNB	baz=279			S	Sn	08 37 52.0	-0.6
TWA	Mucha	0.48	324	iP	Pn	08 37 43.8	-0.1
TWA	baz=329			iS	Sn	08 37 52.6	0.0
NNSB	Datong	0.49	251	iP	Pn	08 37 44.0	-0.1
NNSB	baz=247			S	Sn	08 37 52.8	-0.1
NNSH	Datong	0.49	251	P	Pn	08 37 44.0	-0.1
NNSH	baz=247			S	Sn	08 37 52.6	-0.3
NWF	Wu-fen Shan	0.49	348	iP	Pn	08 37 44.4	+0.3
NWF	baz=353			iS	Sn	08 37 53.1	+0.2
WFSB	Wu-fen Shan	0.49	348	P	Pn	08 37 44.2	+0.2
WFSB	baz=353			S	Sn	08 37 53.2	+0.5
NACB	Ninganchiao	0.49	213	P	Pn	08 37 43.2	-0.8
NACB	baz=207			S	Sn	08 37 52.2	-0.6
NSK	Sang	0.49	280	iP	Pn	08 37 43.6	-0.4
NSK	baz=279			iS	Sn	08 37 52.2	-0.7
NNS	Nan Shan	0.49	253	iP	Pn	08 37 44.0	-0.1
NNS	baz=248			S	Sn	08 37 52.6	-0.5
NHDH	Xindian Distri	0.50	318	iP	Pn	08 37 43.9	-0.2
NHDH	baz=321			iS	Sn	08 37 52.7	-0.2
TATO	Taipei	0.53	317	P	Pn	08 37 44.0	-0.3
TATO	baz=320			S	Sn	08 37 53.0	-0.4
ETLH	Xiulin Townshi	0.53	225	P	Pn	08 37 44.1	-0.4
ETLH	baz=219			S	Sn	08 37 53.4	-0.3
TAP	Taipei	0.57	322	eP	Pn	08 37 43.9	-0.9
TAP	baz=326			S	Sn	08 37 53.8	-0.4
TWD	Chiawan	0.57	208	P	Pn	08 37 44.2	-0.6
TWD	baz=202			S	Sn	08 37 53.5	-0.7
YM01	YM01	0.63	332	eP	Pn	08 37 45.8	+0.3
YM01	baz=335			S	Sn	08 37 55.4	0.0
WLTB	Daxi	0.64	294	eS	Sn	08 37 55.7	+0.2
WLTB	baz=295			eS	Sn	08 37 55.6	-0.1
YM10	YM10	0.64	332	eS	Sn	08 37 45.4	-0.3
YM10	baz=335			S	Sn	08 37 55.4	-0.5
YM11	YM11	0.65	330	P	Pn	08 37 45.4	-0.3
YM11	baz=337			S	Sn	08 37 55.4	-0.4
YM04	YM04	0.66	335	P	Pn	08 37 45.6	-0.2
YM04	baz=333			S	Sn	08 37 55.4	-0.6
YM08	YM08	0.66	335	P	Pn	08 37 45.6	-0.2
YM08	baz=338			S	Sn	08 37 55.4	-0.6
TWS1	Kuangyinshan	0.67	320	iP	Pn	08 37 45.8	-0.1
TWS1	baz=323			iS	Sn	08 37 56.6	+0.5
YM03	YM03	0.67	332	eS	Sn	08 37 56.1	-0.2
YM03	baz=334			S	Sn	08 37 46.4	+0.1
NTST	Danshui	0.70	325	P	Pn	08 37 46.4	+0.1
NTST	baz=327			S	Sn	08 37 57.5	+0.7
WHF	Hehuan Shan	0.72	232	iP	Pn	08 37 46.8	-0.2
WHF	baz=228			iS	Sn	08 37 57.4	-0.6
ENLB	Shoufeng	0.73	201	P	Pn	08 37 45.9	-0.8
ENLB	baz=197			S	Sn	08 37 58.8	+1.3
TWY	Chenhua	0.73	339	P	Pn	08 37 47.3	+0.6
TWY	baz=342			eS	Sn	08 37 58.2	+0.7
NCU	National Center	0.74	301	P	Pn	08 37 46.5	-0.3
NCU	baz=302			S	Sn	08 37 57.8	0.0
NCUH	Zhongli	0.74	301	eP	Pn	08 37 46.6	-0.3
NCUH	baz=301			eS	Sn	08 37 57.5	-0.3
TDCB	Techi	0.75	244	iP	Pn	08 37 47.3	+0.3
TDCB	baz=240			S	Sn	08 37 57.5	-0.6
LIOB	Emei	0.80	274	iP	Pn	08 37 47.2	-0.3
LIOB	baz=273			S	Sn	08 37 58.8	-0.3
NSST	Nanjuang	0.81	273	S	Sn	08 37 58.9	-0.3
CHGB	Renai	0.84	231	iP	Pn	08 37 48.2	0.0
CHGB	baz=228			S	Sn	08 38 00.2	0.0

SBCB	Hsinchu	0.85	284	eP	Pn	08 37 47.5	-0.6
SBCB	baz=283			S	Sn	08 37 59.9	-0.1
NHW	Xinwu Township	0.87	299	P	Pn	08 37 48.0	-0.4
NHW	baz=299			S	Sn	08 38 00.3	-0.3
ESL	Shilin	0.88	209	iP	Pn	08 37 46.8	-1.7
OWD	Renai	0.91	226	eP	Pn	08 37 48.9	-0.2
OWD	baz=223			eS	Sn	08 38 00.9	-0.7
WHP	Taichung City	0.92	250	P	Pn	08 37 49.5	+0.5
WHP	baz=248			eS	Sn	08 38 02.4	+0.7
JYNG	Yongunijimaku	0.97	98	P	Pn	08 37 49.4	-0.2
JYNG	baz=204			eS	Sn	08 38 02.8	0.0
NMLH	Miaoili	1.00	267	eS	Sn	08 38 03.3	-0.2
EGFH	Guangfu	1.01	205	P	Pn	08 37 50.6	+0.5
EGFH	baz=202			S	Sn	08 38 02.6	-1.1
YOJ	Yongunijima	1.03	97	P	Pn	08 37 50.2	-0.2
YOJ	baz=266			P	Pn	08 37 50.6	0.0
NSY	Sanyi	1.04	261	P	Pn	08 38 04.5	-0.1
NSY	baz=259			S	Sn	08 38 04.5	-0.1
TWQ1	Liyutan	1.05	257	eP	Pn	08 37 50.3	-0.3
TWQ1	baz=255			S	Sn	08 38 04.6	+0.1
VWDT	VWDT	1.08	220	P	Pn	08 37 51.0	0.0
VWDT	baz=217			S	Sn	08 38 05.4	+0.2
SMLT	Sun Moon Lake	1.15	232	P	Pn	08 37 51.9	-0.1
SMLT	baz=229			eS	Sn	08 38 06.6	-0.5
TYC	Yuchr	1.16	234	P	Pn	08 37 53.1	+0.9
TYC	baz=232			S	Sn	08 38 08.1	+0.8
WDJ	Dajia District	1.17	258	eS	Sn	08 38 07.1	-0.2
WDJ	baz=257			eS	Sn	08 37 53.0	+0.7
SSLB	Suanguang	1.17	227	eP	Pn	08 37 53.0	+0.7
SSLB	baz=224			eS	Sn	08 38 09.9	+1.4
HGSD	Ruisui	1.17	201	eP	Pn	08 37 52.4	+0.1
HGSD	baz=198			eS	Sn	08 38 07.7	+0.2
EHY	Hungye	1.20	206	eP	Pn	08 37 51.5	-1.2
EHY	baz=203			S	Sn	08 38 07.9	-0.2
WHYT	Xinyi Township	1.30	227	eP	Pn	08 37 55.2	+1.2
WHYT	baz=225			eS	Sn	08 38 11.8	+1.2
YULB	Yu-li	1.31	205	eP	Pn	08 37 53.4	-0.7
YULB	baz=202			eS	Sn	08 38 10.8	+0.1
YUS	Yu-Shan	1.39	218	eP	Pn	08 37 55.7	0.0
YUS	baz=216			eP	Pn	08 37 56.5	+0.1
ALS	Alshan	1.46	223	eP	Pn	08 37 56.8	+0.3
ALS	baz=226			eS	Sn	08 38 14.9	-0.1
CHNS	Tsauling	1.48	229	eP	Pn	08 37 56.8	+0.3
CHNS	baz=226			eS	Sn	08 38 14.9	-0.1
FULB	Fuli	1.49	202	eP	Pn	08 37 57.1	+0.6
FULB	baz=199			eS	Sn	08 38 15.3	+0.3
ELDTW	Lidui	1.61	210	eP	Pn	08 37 57.8	-0.4
ELDTW	baz=207			Pn	Pn	08 37 59.0	-0.3
IRIF	Iriomote-Funau	1.69	98	P	Pn	08 38 19.8	-0.2
IRIF	baz=220			eS	Sn	08 38 00.9	+1.4
CHN4	Tsauling	1.71	224	eP	Pn	08 38 00.7	+1.0
CHN4	baz=222			eP	Pn	08 38 02.7	+1.4
TPUB	Tapu	1.72	222	eP	Pn	08 38 03.1	+0.2
TPUB	baz=220			Pn	Pn	08 38 03.9	-0.4
JKRS	Kuro-shima	1.96	100	P	Pn	08 38 27.9	-1.0
JKRS	baz=206			eS	Sn	08 38 05.6	-0.5
JJG	Ishigakijima	2.20	90	P	Pn	08 38 32.8	+0.5
JJG	baz=206			eS	Sn	08 38 32.8	+0.5

NNC 01 08:43:25.1±8.6, 37:02N; 70:51E, h0km, mb3.6, mpv3.2, 3C-3D, Error ellipse: s-maj=78.1km s-min=58.2km az=141.0, Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
KK31	Karatay Array	6.08	360	Op	ISC	08 44 59.4	+3.2
KK31	baz=181, slow=14, SNR=17			S	Sn	08 46 08.4	+1.8
AAK	Ala-Archa	6.39	27	iP	Pn	08 45 01.2	+0.4
AAK	baz=183, slow=11, SNR=17			iP	Pn	08 46 14.9	-1.2
AB31	Akbulak array	14.44	331	iP	Pn	08 46 49.5	-1.2
AKTO	Aktubinsk	16.14	330	iP	Pn		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TKL Tuckaleechee C, DBIC Dimbokro, TORO Torodi Ar. Bea, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GAR Garm, CHGR Chuyangaron, KBL Kabul, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BGS 01, NAO 01, BER 01, etc.

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

2014 MAR

Table with columns: Pk, Station Name, Time, Res, and various codes. Includes stations like Pulchoki, Gumba, JIRN, etc.

Table with columns: MSFE, Station Name, Time, Res, and various codes. Includes stations like Esma-Masafi, MDH, UOSS, etc.

Table with columns: ASAJ, Station Name, Time, Res, and various codes. Includes stations like Asahikawa, Matsuhiro, Nemuro-Hokkai, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Denpasar, Jagag, Banyuw, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Rapa Nui, Paso Flores, PLCA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like YSS, USAOB, USRUK, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like NIAN, Kahnoji, Bandar-abas, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like RPN, PLCA, CFA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like USRUK, JNU, Nakatsue, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like WRA, WRA, ASAR, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like NIED, MOS, NEIC, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like YAK, YAK, YAK, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LMD1, JHRM, LAR1, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like JTH, MIYJ, MIYJ, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GUMO, GUMO, ULN, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WAKE ISLAND, BILIBILI, and various array stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WALTERALM, WATTENBERG, and various array stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LENZKIRCH, NOVY KOSTEL, and various array stations.

VIE 01 14:59:36.5, 0.1, 47.47N, 12.05E, h8km, 2km, mb1.8/12, m12.5/17, Error ellipse: s-maj=1.4km s-min=0.8km az=166.0, 2 km SW of Wrgl fct 3 ans98 at Woergl / Tyrol

PRU 01 14:59:37.8, 0.0, 47.51N, 12.07E, h0km, Woergl

H10S2 ASCENSION HYDR48.07 18 T T 16 41 06.5

2014 MAR

1d 16h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H10S3 ASCENSION HYDR48.08, MNMC Minye Minye, H10N1 ASCENSION HYDR49.19, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARSB Arslanbob, ARSB Arslanbob, BTK Batken, BTK Batken, etc.

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

IDC 01 16:08:35.8:3.2,5:33S:133.80E,h0km,mb3.3/1, mb1 3.5/5,mb1mx3.3/31,mbtmp3.4/5,ML2.9/4, Error ellipse: s-maj=122.4km s-min=26.1km az=80.0, Azu Islands region

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

NEIC 01 16:50:40.3:2.6,6:27N:0.07:95:60E:0.05,h219km,9km, mb4.2/13, Error ellipse: s-maj=10.6km s-min=6.5km az=162.0

DJA 01 16:50:41.0:0.8,6:N:7:9:6E:1,h221km,7km,MM,0/8, mb4.3/2,mb4.2/4,MLV4.0/8,MW(MB)3.5/2, IDC 01 16:50:43.0:1.8,6:38N:96:13E,h215km,18km,mb3.5/2, mb1 3.4/8,mb1mx3.0/49,mbtmp3.9/8, Error ellipse: s-maj=38.6km s-min=14.2km az=55.0

ISC 01 16:50:39.1:0.7,6:20N:0.06:95.49E:0.07,h200km,n41, r=173/41,mb4.0/12,Nicobar Islands region

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

VAO 01 15:42:38.2:0.7,14:37S:69.72W,h10km,mb3.7, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, SAML Samuel, etc.

CHMS 01 15:43:19.8:7.3,12:64S:167:17E,h291km,78km,mb3.0/6, mb1 3.3/7,mb1mx3.1/31,mbtmp3.7/7, Error ellipse: s-maj=126.4km s-min=26.4km az=166.0

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

ISC 01 15:43:12.4:0.9,12:45:0.1,16:72E:0.2,h220km,n9, r=156/10,mb3.3/6,Santa Cruz Islands

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

ISC 01 15:43:12.4:0.9,12:45:0.1,16:72E:0.2,h220km,n9, r=156/10,mb3.3/6,Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KDJ Kaisay, KDJ Kaisay, KST Kastek, etc.

MAN 01 15:45:33.2,13:05N:120:56E,h35km,mb4.6,ML3.4, MS3.3,1C-1D,Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PGP Puerto Galera, PGP Puerto Galera, LUBP Lubang, etc.

ISC 01 15:57:51.2:2.2,1:04N:126:17E,h0km,mb3.1/3, mb1 3.4/3,mb1mx3.1/30,mbtmp3.1/3,MS3.3/1,Ms1 3.3/1, ms1mx2.5/20, Error ellipse: s-maj=222.3km s-min=25.2km az=65.0,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, etc.

ISC 01 15:57:51.2:2.2,1:04N:126:17E,h0km,mb3.1/3, mb1 3.4/3,mb1mx3.1/30,mbtmp3.1/3,MS3.3/1,Ms1 3.3/1, ms1mx2.5/20, Error ellipse: s-maj=222.3km s-min=25.2km az=65.0,Northern Molucca Sea

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

ISC 01 15:57:51.2:2.2,1:04N:126:17E,h0km,mb3.1/3, mb1 3.4/3,mb1mx3.1/30,mbtmp3.1/3,MS3.3/1,Ms1 3.3/1, ms1mx2.5/20, Error ellipse: s-maj=222.3km s-min=25.2km az=65.0,Northern Molucca Sea

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

LDG 01 16:51:38.3:0.1,43:05N:0.17W,h8km,Md3.4/4,Ml3.7/6/4, Error ellipse: s-maj=0.9km s-min=0.8km az=89.0

MDD 01 16:51:38.5:0.2,43:09N:0.17W,h4km,2km,mbLg3.4/2/6, Error ellipse: s-maj=2.2km s-min=1.6km az=180.0, PRXIMO

MRB 01 16:51:38.3:0.3,43:04N:0.20W,h6km,3km,ML3.4/2/0, Error ellipse: s-maj=1.2km s-min=0.8km az=354.0

STR 01 16:51:38.9:0.2,43:12N:2:5:5, h0km,ML3.5/7 SFS 01 16:51:39.0,42:97N:0.22W,ML3.3,LARUNS (FRANCIA) INMG 01 16:51:39.7:1.8,42:98N:0.22W,h0km,3km,ML3.0, Error ellipse: s-maj=2.7km s-min=2.3km az=29.0

ISC 01 16:51:38.1:0.6,43:07N:0.02:0.19W:0.01,h17km,4km, n=20,r=48/38,13C,Pyrenees

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

KRNET 01 15:59:14.2:0.1,39:48N:73:46E,mb3.1 NNC 01 15:59:20.3:1.1,39:91N:73:50E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=25.9km s-min=12.9km az=162.0

CHKK Chushkaly 5.10 31 eP Pb 16 00 47.5 +0.7

ATE	Arette	0.38 273	P	Pg	16 51 45.4	-0.5	ERTA	27nm,0.5s,SNR=50	Pg	Pb	16 52 17.4	+0.9	EIBI	Ibiza	4.20 164	Pn	Pn	16 52 42.6	+1.4	
ATE			S	Sg	16 51 50.6	-0.5	ERTA		Lg	Lg	16 52 44.7		EIBI	1.1nm,0.1s,SNR=7.9		Sn	Sn	16 53 27.8	-2.1	
EPF	Esparros	0.39 96	ePg	Pg	16 51 45.7	-0.4	ERTA	94nm,0.2s	P	S	16 52 13.7	+0.6	SMRF	7.0nm,0.2s,SNR=7.9	4.29 76	eP	Pn	16 52 45.8	+3.3	
EPF			eSg	Sg	16 51 50.8	-0.7	ERTA	Horta de San J	2.15 169	P	Sn	16 52 40.8	+1.5	SMRF	Simone la Rot		eSn	Pn	16 53 28.5	-3.6
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	CBEU	135nm,0.4s		Pn	Pn	16 52 16.1	+1.4	SMRF	8.4nm,0.3s		eSg	Sb	16 53 52.1	+7.7
EPF			Lg	Lg	16 51 50.8		CBEU	Beuda	2.26 110	Pn	Sn	16 52 43.2	+1.0	SMRF	30nm,0.4s					
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	CBEU	579nm,0.4s		Pn	Pn	16 52 16.1	+1.4	SMRF	Simone la Rot	4.29 76	Pn	Pn	16 52 45.8	+3.3
EPF			P	P	16 51 46.7	-0.3	CBEU	Beuda	2.26 110	P	Sn	16 52 43.2	+1.0	SMRF	8.4nm,0.3s		Sn	Sn	16 53 28.5	-3.6
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	CBEU	579nm,0.4s		Pn	Pn	16 52 16.1	+1.4	SMRF	30nm,0.4s		Lg	Lg	16 53 52.1	
EPF			S	S	16 51 53.4	+0.3	CBEU	Beuda		Pn	Pn	16 52 44.6	+2.2	SMRF	30nm,0.4s					
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	Saint Jean de	2.33 103	Pn	Pn	16 52 18.6	+2.9	EBEN2	Beniarda presa	4.39 180	Pn	Pn	16 52 45.6	+1.7
EPF			P	P	16 51 55.3	+1.5	SJAF	Saint Jean de	2.33 103	Pn	Pb	16 52 52.7	+4.2	EBEN2	4.6nm,0.1s,SNR=4.0		Sn	Sn	16 53 34.1	-0.5
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	0.5nm,0.2s,SNR=7.9		Pg	Pg	16 52 21.9	-0.9	EBEN2	5.4nm,0.3s,SNR=7.9		Lg	Lg	16 53 48.4	
EPF			Lg	Lg	16 51 50.8		SJAF	3.1nm,0.1s,SNR=7.9		Lg	Lg	16 52 52.8		ESDC	20nm,0.4s,SNR=7.9	4.42 221	Pn	Pn	16 52 45.1	+0.7
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	164nm,0.4s,SNR=7.9		P	Sn	16 52 16.7	+1.1	ESDC	3.2nm,0.3s,baz=41,slow=13,SNR=19		Pn	Pn	16 53 33.6	-1.9
EPF			P	P	16 51 50.8	-0.7	SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	ESDC	2.0nm,0.2s,baz=44,slow=14,SNR=8.6		Sn	Sn	16 52 44.5	+0.7
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	ePn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	ePn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	eSg	Sn	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	6.2nm,0.3s		eSg	Sg	16 53 59.1	
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	61nm,0.4s		Pn	Pn	16 52 44.5	+0.7
EPF			Lg	Lg	16 51 50.8		SJAF	Saint Jean de	2.33 103	P	Sn	16 52 45.6	+1.7	AVF	Avril sur Loir	4.49 33	Pn	Pn	16 53 01.4	+5.1
EPF	Esparros	0.39 96	Pg	Pg	16 51 45.7	-0.4	SJAF	145nm,0.4s		P	Sn	16 52 18.6	+2.8	AVF	Avril sur Loir	4.49 33	Pb	Pb	16 53 35.0	-2.0
EPF			Lg	Lg																

KHC	comp=Z,8.4nm,0.4s	eSG	Sg	17 38 44.9	-2.4
CLL	Colim	3.84 295	ePg	Pg	17 38 15.0 +0.6
CLL	comp=Z,7.0nm,0.6s	eSG	Sg	17 39 03.0	-1.1

TAP 01 17:51:31.8,25:15N;122:29E,h11km,1km,ML3.9,D
 JMA 01 17:51:32.0,0.1,25:16N;122:34E,h41km,4km,ML2.9
 ISC 01 17:51:30.2,1.3,25:19N;102:44E,h12km,9km,
 n85,c0589/134,2D,Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
TWB1	Santiao Chiao	0.38 242	Op	17 51 38.9	0.0
TWB1	baz=242		iS	17 51 43.8	-1.0
TIPB	Shuangxi	0.53 246	P	17 51 41.7	+0.2
TIPB	baz=247		S	17 51 48.5	-0.7
NWF	Wu-fen Shan	0.54 257	Op	17 51 41.7	+0.1
NWF	baz=260		S	17 51 50.4	+1.0
WFBS	Wu-fen Shan	0.54 257	P	17 51 41.7	+0.1
WFBS	baz=260		S	17 51 50.2	+0.9
NTC	Toucheng	0.58 235	P	17 51 42.8	+0.4
NTC	baz=235		S	17 51 50.7	+0.1
EOS1	EOS1	0.67 198	P	17 51 45.0	+1.2
EOS1	baz=193		eS	17 51 55.0	-0.9
TWY	Chenhua	0.69 277	iP	17 51 44.6	+0.4
TWY	baz=281		S	17 51 54.5	+0.8
ILA	ilan	0.70 233	eP	17 51 45.5	+1.2
ILA	baz=231		eS	17 51 54.2	+0.3
YM08	YM08	0.70 270	P	17 51 44.3	+0.6
YM08	baz=273		S	17 51 53.5	-0.4
YM11	YM11	0.71 268	P	17 51 44.6	+0.6
YM11	baz=271		eS	17 51 54.4	0.0
YM01	YM01	0.72 267	P	17 51 45.0	+0.3
YM01	baz=269		S	17 51 54.9	+0.4
YM10	YM10	0.72 267	P	17 51 45.1	+0.3
YM10	baz=270		eS	17 51 54.8	0.0
TWA	Mucha	0.73 254	iP	17 51 45.5	+0.5
TWA	baz=254		S	17 51 55.5	+0.5
TWC	Suao	0.74 219	P	17 51 45.5	+0.5
TWC	baz=216		S	17 51 54.9	-0.2
YM03	YM03	0.74 269	eP	17 51 45.2	+0.6
YM03	baz=272		eS	17 51 55.1	-0.1
YM04	YM04	0.75 267	eP	17 51 45.3	+0.6
YM04	baz=270		eS	17 51 55.1	-0.3
ANP	Anpu	0.76 270	P	17 51 45.5	+0.6
ANP	baz=272		S	17 51 55.6	-0.2
TWE	Neicheng	0.78 233	P	17 51 46.1	+0.3
TWE	baz=232		S	17 51 56.1	-0.3
SLBB	Yuanshan	0.79 237	P	17 51 45.3	-0.1
SLBB	baz=236		S	17 51 55.0	-0.8
TAP	Taipei	0.79 259	P	17 51 46.6	+0.7
TAP	baz=261		S	17 51 58.1	-0.8
NHHD	Xindian Distri	0.79 253	P	17 51 46.8	+0.9
NHHD	baz=255		eS	17 51 58.1	-0.8
TATO	Taipei	0.82 255	eP	17 51 47.1	+0.7
TATO	baz=256		eS	17 51 58.7	+0.1
NTST	Danshui	0.82 268	P	17 51 47.6	+1.1
NTST	baz=271		eS	17 51 59.3	-0.5
TWS1	Kuangyinsshan	0.86 264	iP	17 51 47.9	+0.9
TWS1	baz=266		iS	17 52 00.0	-0.6
NWL1	Wulai	0.88 242	eP	17 51 47.7	+0.2
NWL1	baz=242		eS	17 51 58.6	-0.6
ENTT	Nioudou	0.91 233	iP	17 51 48.2	+0.4
ENTT	baz=232		eS	17 52 00.1	+0.1
JYNG	Yonagunijimaku	0.91 144	P	17 51 48.3	+0.6
YOA	Yonaguni jima	0.94 141	P	17 51 48.8	+0.5
ENJ	Nanau	0.94 217	P	17 51 49.0	+0.5
ENA	baz=214		S	17 52 00.5	-0.5
NDT	Datong Townshi	0.97 233	P	17 51 49.0	+0.2
NDT	baz=232		eS	17 52 01.1	-0.6
YHNB	Yeheng	1.03 240	P	17 51 50.2	+0.1
YHNB	baz=240		eS	17 52 03.6	0.0
NSK	Sanguang	1.04 241	iP	17 51 50.3	0.0
NSK	baz=240		eS	17 52 02.4	-1.5
WLTB	Daxi	1.06 252	eP	17 51 51.0	+0.5
NCU	National Centr	1.08 259	P	17 51 51.6	+0.7
NCU	baz=259		S	17 52 06.4	+0.2
NCUH	Zhongli	1.09 258	eP	17 51 51.4	+0.3
NCUH	baz=259		eS	17 52 06.8	+0.5
NNS	Nan Shan	1.17 230	P	17 51 52.7	+0.3
NNS	baz=229		eS	17 52 08.0	-0.5
NNSB	Datong	1.17 230	eP	17 51 52.8	+0.2
NNSB	baz=229		eS	17 52 06.8	-1.1
NNSH	Datong	1.17 230	eP	17 51 53.1	+0.6
NNSH	baz=229		Pn	17 51 53.1	+0.6
NHW	Xinwu Township	1.20 262	eP	17 51 53.0	+0.1
NHW	baz=262		eS	17 52 08.8	-0.2
NACB	Ninganchiao	1.23 215	eP	17 51 53.8	+0.4
NACB	baz=213		eS	17 52 08.8	-0.4
ETLH	Xiulin Townshi	1.26 219	eP	17 51 54.4	+0.4
ETLH	baz=218		eS	17 52 09.9	-0.4

TWD	Chiawan	1.30 212	eP	Pg	17 51 55.6 +0.3
TWD	baz=210		eS	Sg	17 52 11.6 -0.7
SBCB	Hsinchu	1.31 253	eP	Pn	17 51 54.3 0.0
SBCB	baz=253		eS	Pn	17 52 14.0 +2.3
HSN	Hsinchu	1.32 253	eP	Pn	17 51 54.1 -0.3
HSN	baz=254		eS	Sb	17 52 11.6 -0.2
LIOB	Emei	1.33 246	eP	Pn	17 51 54.6 -0.1
NSST	Nanjiang	1.35 246	P	Pn	17 51 55.1 +0.2
TWT	Tachien	1.42 229	eP	Pb	17 51 57.5 +0.6
TDCB	Techi	1.44 230	eP	Pb	17 51 57.5 +0.5
TDCB	baz=229		eS	Sb	17 52 14.4 -0.9
WHF	Hehuan Shan	1.44 224	eP	Pb	17 51 57.6 +0.4
WHF	baz=229		eS	Sb	17 52 14.6 -1.1
IRIF	Iriomote-Funau	1.51 124	P	Pn	17 51 57.0 -0.1
IRIF	baz=222		S	Sn	17 52 15.1 -1.6
CHGB	Renai	1.56 224	P	Pg	17 52 00.2 0.0
CHGB	baz=223		eS	Sg	17 52 19.1 -1.3
NMLH	Miaoili	1.57 246	eP	Pn	17 51 58.2 +0.3
WHP	Taichung City	1.57 235	eP	Pb	17 51 59.7 +0.4
ESL	Shilin	1.61 212	eP	Pg	17 52 01.2 +0.2
ESL	baz=210		eS	Sg	17 52 21.6 -0.3
OWD	Renai	1.64 221	eP	Pg	17 52 01.6 +0.1
OWD	baz=220		eS	Sb	17 52 21.4 +0.3
NSY	Sanyi	1.64 242	eP	Pn	17 51 59.9 +0.9
CHGB	Guangfu	1.74 209	eP	Pb	17 52 02.1 +0.1
DPDB	Guoxing	1.74 229	eP	Pn	17 52 01.7 +1.4
JKRS	Kuro-shima	1.78 122	P	Pn	17 52 01.3 +0.5
WVDT	WVDT	1.81 218	eP	Pb	17 52 03.3 0.0
WVDT	baz=217		eS	Sb	17 52 25.6 -0.4
JJJ	Ishigaki jima	1.82 117	P	Pn	17 52 02.0 +0.6
TCU	Taichung	1.85 236	P	Pn	17 52 02.9 +1.1
TYC	Yuch	1.87 227	P	Pb	17 52 03.9 -0.5
HGSD	Ruisui	1.89 207	eP	Pb	17 52 05.5 +0.8
SSLB	Suanguang	1.89 223	eP	Pn	17 52 03.8 +1.3
EHY	Hungye	1.93 210	eP	Pb	17 52 04.9 -0.4
WNT	Mingjian	2.01 230	eP	Pb	17 52 06.0 -0.7
WHYT	Xin Township	2.02 223	eP	Pb	17 52 07.2 +0.2
YULB	Yu-li	2.04 209	eP	Pn	17 52 06.3 +2.0
TWF1	Yul	2.07 208	eP	Pb	17 52 07.7 -0.1
CHNS	Tsauling	2.21 224	eP	Pb	17 52 09.7 -0.4
FULB	Ful	2.21 206	eP	Pb	17 52 09.7 -0.4
RLNB	Erin	2.23 235	eP	Pn	17 52 07.0 0.0
MATB	Ma-tsu	2.38 294	eP	Pn	17 52 09.7 +0.6
CHN4	Tsushan	2.44 222	eP	Pn	17 52 12.2 +2.3
TPUB	Ta-pu	2.46 220	eP	Pn	17 52 12.7 +2.5
WTP	WTP	2.51 220	eP	Pb	17 52 14.3 -0.9
WLGb	Puzi	2.54 228	eP	Pn	17 52 12.9 +1.7
TWK	Hsiyang	2.57 222	eP	Pb	17 52 14.8 -1.4
CHN1	Nanshi	2.60 220	eP	Pb	17 52 15.7 -1.2
SGST	Jiashan	2.65 218	eP	Pn	17 52 14.8 +1.9
CHN8	Yiju	2.69 227	eP	Pn	17 52 15.1 +1.8
CHN8	baz=226		eS	Sn	17 52 46.4 +0.6
SSD	Sandimen	2.90 213	eP	Pn	17 52 18.9 +2.6
EAST	Anshuo	3.12 207	eP	Pn	17 52 21.0 +1.8
OZH	Quanzhou	3.42 267	Pn	Sn	17 52 22.9 -0.5
OZH	baz=267		Sn	Sn	17 53 00.2 -3.8

ISC 01 17:54:15.1,1.7,0.79S,67.09E,h0km,mb3.5/6,mb1 3.7/6,
 mb1mx3.4/49,mbtmp3.5/6,MS3.3/1,Ms1 3.3/1,
 ms1mx2.8/25, Error ellipse: s-maj=57.7km
 s-min=25.3km az=55.0, Carlsberg region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PALK	Pallekele	15.77 59	Op	18 02 37.8	
MKAR	Makanchi Array	49.23 14	P	18 03 05.8 +0.4	
BRTR	Keskin Array B	50.60 327	P	18 03 15.9 -0.2	
ZALV	Zalesovo Beam	56.51 12	P	18 03 57.7 -1.2	
SONM	Songino Array	59.25 30	P	18 04 19.3 +0.6	
WRA	Warramunga Arr	68.38 111	P	18 05 19.3 0.0	
ASAR	Alice Springs	68.51 115	P	18 05 19.8 -0.2	
TXAR	Lajitas Array	150.28 344	PKPbc	18 14 09.4 +0.2	
TXAR	baz=229		PKPbc	18 14 09.4 +0.2	

MAN 01 17:57:32.2,5:83N;126:20E,h118km,mb4.7,ML3.6,
 MS3.4
 ISC 01 17:57:33.3,4.3,5:69N;125:39E,h121km,57km,mb3.0/3,
 mb1 3.2/3,mb1mx2.9/44,mbtmp3.4/3, Error ellipse:
 s-maj=163.9km s-min=19.4km az=68.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
DDMP	Don Marcelino,	0.51 293	Op	17 58 06.4 +0.1	
DDMP	baz=293		eS	17 57 55.3 -1.0	
MATI	Mati	0.84 49	eS	17 58 13.3 -0.3	
GSFH	General Santos	1.24 278	eP	17 57 58.0 -0.4	
DAV	Dasvo City (W)	1.30 333	iP	17 57 59.9 +0.9	
DAV	baz=333		S	17 58 19.3 +0.7	
DMPH	Davao City-Mi	1.35 330	iP	17 58 00.7 +1.2	
DMPH	baz=330		iS	17 58 03.0 -0.9	
SKMP	Bagumbayan, Su	1.74 291	eP	17 58 27.3 -0.0	
BUKP	Musan	2.25 331	eP	17 58 10.1 -0.2	
BUKP	baz=331		eS	17 58 39.3 +0.8	
CTBH	Cotabato-PC H	2.32 304	iP	17 58 11.7 +0.6	
WRA	Warramunga Arr	26.91 163	P	18 03 34.5 +1.4	
ASAR	Alice Springs	30.34 166	P	18 03 34.5 +1.4	
MKAR	Makanchi Array	55.47 325	P	18 06 53.5 -1.3	
MKAR	baz=325		P	18 06 53.5 -1.3	

MAN 01 17:57:32.2,5:83N;126:20E,h118km,mb4.7,ML3.6,
 MS3.4
 ISC 01 17

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Yellowknife Ar, Newport, Keskin Array B, etc.

RSNC 01 22:50:03.4, 0.8, 3.89N, 71.61W, h0km, 4km, ML3.5
IDC 01 22:50:05.3, 2.5, 4.04N, 71.43W, h35km, 19km, mb3.0/6,
mb1 3.9/9, mb1mx3.5/46, mbtmp3.9/9, ML2.6/2, MS3.0/3,
Ms1 3.1/3, ms1mx2.7/33, Error ellipse: s-maj=17.0km

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists numerous stations including PTGC, GUVG, CHIC, TAMC, RUSC, ROSC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SOTA, CODC, PCRV, NNA, LPAZ, APG, SIV, TXAR, YCHO, ASAR, WRA, etc.

IDC 01 23:17:52.5:7.5, 3.34S, 127.74E, h136km, 85km, mb2.8/2,
mb1 3.0/4, mb1mx2.8/37, mbtmp3.4/9, Error ellipse:
s-maj=81.2km s-min=20.3km az=85.0, Seram

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SIJI, SUI, WJRA, ASAR, MKAR, etc.

IDC 01 23:33:17.1, 2.7, 13.78N, 92.34W, h0km, mb3.6/2,
mb1 3.9/6, mb1mx3.6/40, mbtmp3.7/6, ML3.6/4, Error
ellipse: s-maj=45.1km s-min=24.4km az=175.0

MEX 01 23:33:21.8, 0.4, 14.06N, 92.20W, h91km, 9km, MD4.1
SNET 01 23:33:25.6, 1.2, 14.06N, 91.99W, h26km, 10km, ML2.8
GCG 01 23:33:28.1, 0.3, 14.46N, 91.87W, h66km, 65km, MD3.9
ISC 01 23:33:21.5, 2.2, 13.97N, 0.009, 92.34W, 0.05, h24km, 14km,
n20, e207/30, 3D, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ERG, THIG, STG3, FUG, PCG, IXC, PCIG, APG, CCIG, RTR, SBLS, TGIG, MTO3, CMIG, CMIG, TEIG, TXAR, ANMO, YKA, CMAR, etc.

IDC 01 23:52:54.8, 0.9, 21.20N, 122.20E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.6/44, mbtmp3.8/8, MS3.6/2, Ms1 3.6/2,
ms1mx2.7/50, Error ellipse: s-maj=43.2km s-min=18.7km
az=67.0

JMA 01 23:53:03.4, 0.4, 21.29N, 121.66E, h0km, MB3.9
TAP 01 23:53:05.6, 21.17N, 121.46E, h96km, ML4.2, D
ISC 01 23:53:05.6, 1.0, 21.09N, 121.50E, 0.006, h92km, 7km,
n126, e193/128, mb3.7/8, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LAY, TSEB, TSEB, TWKBT, TWKBT, TWK1, TWK1, HEN, HEN, TAW, TAW, EAST, EAST, SCZT, SCZT, ECL, ECL, TWH, TWH, TAW, TAW, WLCB, WLCB, SSPT, SSPT, TWP, TWP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TWP, TTN, TTN, MASBT, MASBT, TWGBT, TWGBT, TWG, TWG, SSD, SSD, KAU, KAU, SGLT, SGLT, WSSB, WSSB, SNJT, SNJT, TWMT, TWMT, CHKT, CHKT, CHKT, CHKT, SGLT, SGLT, SGLT, SGLT, FULB, FULB, FULB, ELDTW, ELDTW, SGST, SGST, STYT, STYT, STYT, CHN3, CHN3, TW1, TW1, TW1, CHN1, CHN1, TAI1, TAI1, TAI1, WTP, WTP, YULB, YULB, SNST, SNST, TPUB, TPUB, TPUB, TWK, TWK, TWK, HGSD, HGSD, HGSD, CHN4, CHN4, CHN4, SCLT, SCLT, SCLT, EHY, EHY, EHY, YUS, YUS, YUS, YUS, ALS, ALS, ALS, CHN8, CHN8, CHN8, EGFH, EGFH, EGFH, CHY, CHY, CHY, CHY, CHN5, CHN5, CHN5, WLBG, WLBG, WLBG, WHYT, WHYT, WHYT, VWDT, VWDT, VWDT, ESL, ESL, ESL, ESL, WLGK, WLGK, WLGK, SSSL, SSSL, SSSL, WDLH, WDLH, WDLH, etc.

2014 MAR

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BRG Berggiesshubel, UPC Upipe, CHVC Chvalec, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LMPM Military Pass, LHEM Herd Peak, B040 Montague, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MFTR Murfatlar, MFTTR Topolog, MDUB Mudurnu, etc.

IDC 02 01:44:08.1±5.8, 7:54S; 127.44E, h95km, 52km, mb3.6/4, mb1 3.8/6, mb1mx3.5/32, mbtmp4.1/6, Error ellipse: s-maj=98.1km s-min=19.5km az=64.0

IDC 02 03:34:25.9±0.6, 44:35N; 34:39E, h0km, mb3.4/8, mb1 3.5/15, mb1mx3.4/48, mbtmp3.4/15, ML3.3/7, MS2.7/1, Ms1 2.7/1, ms1mx2.0/47, Error ellipse: s-maj=10.7km s-min=7.0km az=18.0

IDC 02 01:44:12.6±0.7, 7:84S; 127.80E; 0.09, h150km, n20, c245/24, mb3.8/5, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SOEI Soe, MITN Manton Dam, FAK Fak, etc.

MOS 02 03:34:25.8±1.1, 44:31N; 34:25E, h11km, mb3.8/1, Error ellipse: s-maj=6.0km s-min=5.1km az=113.4

NEIC 02 03:34:27.4±1.9, 44:31N; 0:05:34:39E; 0.08, h10km, 1km, ML4.1(1SK), Error ellipse: s-maj=8.7km s-min=6.7km az=82.0

SIGU 02 03:34:28.3±4.4, 30N; 34:33E, h28km, mb3.5, Error ellipse: s-maj=28.0km s-min=13.4km az=113.4

ISC 02 03:34:28.6±0.9, 44:28N; 0:04:34:31E; 0.03, h26km, 6km, n138, ±176/174, mb3.4/8, 58C-31D, Crimea region

MOS 02 03:34:25.8±1.1, 44:31N; 34:25E, h11km, mb3.8/1, Error ellipse: s-maj=6.0km s-min=5.1km az=113.4

NEIC 02 03:34:27.4±1.9, 44:31N; 0:05:34:39E; 0.08, h10km, 1km, ML4.1(1SK), Error ellipse: s-maj=8.7km s-min=6.7km az=82.0

SIGU 02 03:34:28.3±4.4, 30N; 34:33E, h28km, mb3.5, Error ellipse: s-maj=28.0km s-min=13.4km az=113.4

ISC 02 03:34:28.6±0.9, 44:28N; 0:04:34:31E; 0.03, h26km, 6km, n138, ±176/174, mb3.4/8, 58C-31D, Crimea region

NCEDC 02 03:01:25.4±2.9, 40:31N; 0:04:124:49W; 0.05, h7km, 6km, ML3.0/16, Error ellipse: s-maj=6.4km s-min=4.9km az=151.0

ANF 02 03:01:26.1±1.7, 40:37N; 124:36W, h8km, ML2.8/6, Error ellipse: s-maj=18.8km s-min=6.7km az=71.0

NEIC 02 03:01:24.4±1.7, 40:25N; 0:04:124:60W; 0.06, h18km, 8km, Error ellipse: s-maj=6.9km s-min=5.4km az=81.0, Near coast of northern California

ANF 02 03:01:26.1±1.7, 40:37N; 124:36W, h8km, ML2.8/6, Error ellipse: s-maj=18.8km s-min=6.7km az=71.0

NEIC 02 03:01:24.4±1.7, 40:25N; 0:04:124:60W; 0.06, h18km, 8km, Error ellipse: s-maj=6.9km s-min=5.4km az=81.0, Near coast of northern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KCTM Capetown, KCTM Capetown, KSMN Slide Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SUDU Sudak, SUDU Sudak, SUDU Sudak, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AKASG Malin Array B, AKASG Malin Array B, AKASG Malin Array B, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ABKAR, ARU, HFS, NORA, BVAR, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ZALV, KURBB, KURK, KK31, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KURBB, ZALV, FINES, DAVOX, etc.

IDC 02 03:37:57.0.2.7.2.80S:129.37E, h0km, mb4.5/12, mb1 4.5/14, mb1mx4.2/39, mbtmp4.4/14, ML4.2, MS2.3/4.6, Mb1 3.5/6, mb1mx3.1/37, Error ellipse: s-maj=26.3km s-min=14.3km az=69.0

DJA 02 03:38:02.4.0.8.3'S.3.3'12.9E, h35km, 15km, M4.5/14, mb5.6/11, mb4.7/5, MLV4.4/14, Mw(m)5.1/1, NEIC 02 03:38:03.0.0.9.2.82S:0.06x129.53E:0.07, h45km, 4km, mb4.4/28, Error ellipse: s-maj=10.4km s-min=9.1km az=84.0

ISC 02 03:38:01.1.0.4.2.80S:0.04.129.45E:0.04, h28km, n77, r147/83, mb4.5/22, MS3.4/4, Seram

Main station list table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MSAI, AMBON, BNDI, etc.

JMA 02 04:05:32.6.0.1.25.03N:123.59E, h20km, M3.0, IDC 02 04:05:34.5.1.4.25.46N:123.52E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.3/53, mbtmp3.4/5, MS2.3/1, Mb1 2.3/1, mb1mx2.1/40, Error ellipse: s-maj=63.8km s-min=27.3km az=62.0

ISC 02 04:05:31.7.3.0.25.03N:123.60E:0.05, h1km, 25km, n14, -0.05/17, mb3.3/5, Northeast of Taiwan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like IRIF, YOJ, YJG, etc.

IDC 02 04:11:47.9.1.1.28.20N:57.30E, h0km, mb3.7/9, mb1 3.7/11, mb1mx3.5/48, mbtmp3.7/11, ML3.3/2, MS2.8/4, Mb1 2.8/4, mb1mx2.6/34, Error ellipse: s-maj=23.7km s-min=22.0km az=83.0

TEH 02 04:11:51.0.2.28.26N:57.37E, h11km, ML3.5, OMAN 02 04:11:52.9.0.4.28.06N:57.73E, h25km, ml3.4/10, Error ellipse: s-maj=9.4km s-min=7.1km az=91.0

THR 02 04:11:56.8.0.6.28.132N:57.17E, h14km, 9km, ML3.5, ISC 02 04:11:51.9.0.7.28.12N:0.03:57.45E:0.04, h10km, n55, r197/57, mb3.6/9, Southern Iran

Main station list table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KHJN, NIAN, GENO, etc.

ANF 02 04:21:45.4.0.3.35.66N:97.07W, h0km, ML4.1/11, Error ellipse: s-maj=4.7km s-min=1.8km az=158.0, NEIC 02 04:21:45.5.2.9.35.63N:0.02:97.08W:0.02, h1km, 3km, U32A, Error ellipse: s-maj=3.0km s-min=2.3km az=148.0, TUL 02 04:21:46.1.2.2.35.64N:0.02:97.04W:0.02, h4km, 3km, ML3.5, Error ellipse: s-maj=3.1km s-min=2.3km az=168.0, ISC 02 04:21:44.7.0.6.35.74N:0.03:97.03W:0.02, h10km, n81, r247/112, Oklahoma

Main station list table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like OK001, ADOK, OK009, etc.

2d 4h

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THE 02:04:24:46.6, 38°24'N, 20°37'E, h12km, ML2, 1/6, Error ellipse: s-maj=1.4km s-min=0.5km az=76.0

ATH 02:04:24:47.1, 38°27'N, 20°39'E, h7km, 2km, ML2.5/1, Error ellipse: s-maj=2.4km s-min=0.8km az=229.0

ISC 02:04:24:47.1, 1.1, 38°26'N, 02:20:41E, 0.04, h8km, 5km, n25, c0559/46, Greece

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

ISK 02:04:25:57.8, 36°76'N, 35°18'E, h8km, ML4, 1/38 MED_RC 02:04:25:57.0, 0.6, 36°79'N, 35°18'E, h10km, MW4.2/8

Moment Tensor Solution: Mantle waves: s6, c9; Duration: h=0 Moment tensor: Scale: 10^15Nm; Mu: 2.22e14

ISC 02:04:25:57.9, 0.6, 36°77'N, 35°12'E, h0km, mb4.0/17, mb1.4/0.26, mb1mx3.9/53, mbtmp3.9/26, ML=7.9, MS3.4/16

MOS 02:04:25:57.6, 1.2, 36°68'N, 35°12'E, h11km, mb4.3/15, Error ellipse: s-maj=8.7km s-min=5.1km az=89.1

NEIC 02:04:25:58.0, 3.3, 36°62'N, 04:35:28E, 0.04, h10km, 1km, Error ellipse: s-maj=8.0km s-min=4.1km az=329.0

DDA 02:04:25:58.3, 36°74'N, 35°19'E, h25km, 1km, MW4.2 GII 02:04:25:59.3, 0.0, 36°66'N, 34°84'E, h8km, mb4.1/1, MD3.9/1, Mm3.7/12

NIC 02:04:26:02.3, 0.0, 36°58'N, 35°33'E, h16km, 2km, M4.5/4 ISC 02:04:25:58.9, 0.9, 36°73'N, 02:35:16E, 0.01, h6km, 6km, n255, c183/313, mb4.0/28, MS3.4/9, 18C-26D, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Karatas, Karatas-Adana, Mersin, etc.

Main table with columns: EREN, Erenkoy, 1.44 214, PN, Pn, 04 26 25.3 -0.2, etc. Lists stations like Erenkoy, Nigde, Adana, etc.

Table with columns: BRTR, Keskin Array B, 3.22 339, PN, Pn, 04 26 50.1 -0.1, etc. Lists stations like Keskin Array B, Bala, etc.

s-maj=148.9km s-min=21.6km az=68.0, Northern
Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	21.62	158	P	07 59 58	-0.5
ASAR	Alice Springs	1.2m, 0.5s, baz=336, slow=1.1, SNR=13		P	08 00 32.8	+0.3
SONM	Songino Array	50.42 343	P	P	08 04 06.3	-0.5
MKAR	Makanchi Array	0.3m, 0.5s, baz=154, slow=8.1, SNR=2.0		P	08 05 16.4	+0.2
		0.3m, 0.3s, baz=118, slow=8.1, SNR=7.7				

IDC 02 07:55:54.4+1.1, 54.72N:158.00W, h0km, mb3.7/12, mb1 3.9/15, mb1mx3.7/58, mbtmp3.7/15, ML3.8/3, Error ellipse: s-maj=27.4km s-min=17.4km az=6.0

NEIC 02 07:56:03.0+0.9, 55.18N:106.157W, 0.01, h35km, 0km, Error ellipse: s-maj=10.4km s-min=6.2km az=135.0

AEIC 02 07:56:03.0+0.9, 55.18N:106.157W, 0.01, h35km, 0km, ML3.5/2, mb3.6/11(NEIC), Error ellipse: s-maj=9.3km s-min=6.1km az=142.0

ISC 02 07:56:01.3+0.7, 55.09N:109.157W, 0.06, h35km, n81, r143/71, mb3.7/12, Alaska Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
CNBA	Chernabura Isl	1.08	256	Pn	07 56 21.4	+1.5
WNF	Wentworth	0.7	56	Pn	07 56 22.4	+1.6
CHGN	Chignik	1.27	344	Pn	07 56 22.3	-0.1
CHGN	Chignik			Pn	07 56 22.4	-0.1
CHGN	Chignik			Pn	07 56 27.4	-0.8
CHIR	Chirikof Islan	1.43	58	Pn	07 56 27.1	+2.4
VNMF	Veniaminof 8	1.48	321	Pn	07 56 27.9	+1.0
VNMF	Veniaminof 3	1.48	325	Pn	07 56 26.5	+1.0
VNSS	Veniaminof 8	1.48	321	Pn	07 56 26.3	+0.7
VNFG	Vogel Glacier, M	1.56	321	Pn	07 56 28.0	+1.4
SDPT	Sand Point	1.57	281	Pn	07 56 27.9	+1.3
PVV	Pavlov Volcano	2.07	270	Pn	07 56 27.9	+1.0
HAG	Hague Volcano	2.36	277	Pn	07 56 28.1	+1.1
SII	Sitkinak Islan	2.50	53	Pn	07 56 41.8	+2.3
DLHA	Black Hill	2.52	286	Pn	07 56 41.2	+1.5
BTTH	Dutton Round H	2.59	272	Pn	07 56 41.9	+1.3
PLK3	Peulik 3	2.74	17	Pn	07 56 44.8	+2.0
BALA	Baldy Mountain	2.74	274	Pn	07 57 07.9	+2.5
FALS	False Pass	3.26	268	Pn	07 56 52.1	+2.3
OHAK	Old Harbor	3.30	48	Pn	07 56 52.1	+1.8
OHAK	Old Harbor			Pn	07 56 52.2	+1.9
KELA	Mount Kelaz	3.54	18	Pn	07 56 55.1	+1.4
SSBA	Shishaldin	3.68	268	Pn	07 56 57.9	+2.0
KACB	Katmai Hardscr	3.81	22	Pn	07 57 01.3	+1.3
KDOK	Kodiak Island	3.95	45	Pn	07 57 00.6	+1.3
		1.5m, 0.3s, baz=190, slow=4.4, SNR=84				
WESE	West Dahl Seat	3.99	264	Pn	07 57 01.6	+1.6
AKSA	Akutan Strait	4.07	261	Pn	07 57 12.1	+2.5
AKLV	Akutan Long Va	4.09	262	Pn	07 57 13.5	+1.9
UNV	Unalaska Valle	5.24	260	Pn	07 57 18.5	+1.5
MSW	Makushin Switc	5.38	261	Pn	07 57 20.2	+1.2
HOM	Homer	5.65	33	Pn	07 57 24.4	+1.8
CNPM	China Poot	5.68	36	Pn	07 57 24.7	+1.6
BRLL	Bradley Lake	5.95	36	Pn	07 57 27.9	+2.5
RSO	Redoubt Mount	6.02	60	Pn	07 57 30.1	+2.3
1.5m, 0.3s, baz=252, slow=19, SNR=2.4						
SNW	Sparrevohn G	6.13	10	Pn	07 57 30.5	+1.2
DFR	Drift River	6.15	24	Pn	07 57 30.8	+1.2
SLKM	Skilak Lake	6.76	34	Pn	07 57 38.1	+0.2
SPIA	Saint Paul Isl	7.28	292	Pn	07 57 46.9	+2.0
RCO1	Rabid Creek A	7.37	274	Pn	07 57 47.1	+1.4
SUA	Susitna One	7.38	27	Pn	07 57 48.0	+1.5
PWL	Port Wells	7.65	37	Pn	07 57 50.0	-0.1
TT01	Tatalina	7.89	6	Pn	07 57 54.0	+0.6
TTA	Tatalina	7.92	6	Pn	07 57 54.6	+0.8
KNK	Knik Glacier	8.01	34	Pn	07 57 57.4	+2.3
HNH	Hinchinbrook I	8.24	44	Pn	07 57 57.9	+1.9
GHO	Glory Hole Cre	8.14	31	Pn	07 57 58.0	+1.1
FID	Fort Fidalgo	8.26	42	Pn	07 57 59.1	+0.7
ESAK	Cordova Ski Ar	8.43	45	Pn	07 58 02.5	+1.9
SCYM	Sheep Creek Mo	8.69	35	Pn	07 58 06.0	+1.6
FRQM	Ragged Mountai	8.78	48	Pn	07 58 08.1	+2.4
TRBF	Thorofare Moun	9.21	27	Pn	07 58 11.9	+1.1
CROM	Crucue	9.62	48	Pn	07 58 19.1	+1.8
GLB	Gilghina Butte	9.71	43	Pn	07 58 20.4	+2.0
TGL	Tana Glacier	9.76	48	Pn	07 58 21.1	+2.1
MCK	McKinley	9.76	24	Pn	07 58 20.4	+1.5
EAL	Eady	10.02	46	Pn	07 58 27.9	+1.9
ANM	Nome	10.23	34	Pn	07 58 26.4	+1.1
NEA	Nenana	10.46	21	Pn	07 58 27.6	-0.9
CTGM	Chitina Glacie	10.50	49	Pn	07 58 31.8	+2.6
WRH	Wood River Hil	10.58	23	Pn	07 58 29.3	-0.9
HDA	Harding Lake	10.80	26	Pn	07 58 33.2	-0.1
RIDG	Independent Ri	10.87	21	Pn	07 58 32.7	+1.8
MDM	Murphy Dome	10.97	22	Pn	07 58 34.9	-0.7
IL31	Il-31	11.12	25	Pn	07 58 37.0	-0.5
ILAR	Eielson Array	11.12	25	Pn	07 58 35.5	-2.0
		0.4m, 0.3s, baz=215, slow=13, SNR=20				
ILAR	Eielson Array	11.12	25	Pn	08 00 32.7	-7.7
		0.0m, 0.3s, baz=190, slow=28, SNR=1.2				
SCRK	Sand Creek	11.30	32	Pn	07 58 41.5	+1.3
PRP	Porcupine Dome	12.06	25	Pn	07 58 50.9	+0.8
EGAK	Eagle	12.74	34	Pn	07 59 01.5	+1.8
INK	Inuvik	17.36	31	Pn	08 00 01.8	+0.8
INK	Inuvik			Iamb	08 00 05.3	
		comp=Z, 5.7m, 1.1s				
YKA	Yellowknife Arr	23.17	54	P	08 01 04.3	+0.1
		comp=Z, 0.3m, 0.5s, baz=265, slow=8.0, SNR=7.3				
PETK	Petropavlovsk-	25.85	284	P	08 01 28.3	-0.9
		comp=Z, 4.1m, 0.9s, baz=90, slow=12, SNR=7.0				
NVAR	Mina Array Bea	31.36	39	P	08 02 16.9	-0.7
		comp=Z, 1.1m, 0.4s, baz=318, slow=6.1, SNR=1.4				
PDAR	Pinedale Array	33.32	91	P	08 02 33.7	-2.0
		comp=Z, 0.2m, 0.7s, baz=298, slow=6.0, SNR=1.5				
ULM	Lac du Bonnet	36.76	71	P	08 03 05.3	-0.3
		comp=Z, 0.2m, 0.3s, baz=129, slow=3.0, SNR=1.6				
H112	WAKE ISLAND Hy	44.24	231	T	08 05 106.5	
		baz=25				
H113	WAKE ISLAND Hy	44.25	231	T	08 05 108.0	
		baz=25				
H111	WAKE ISLAND Hy	44.26	231	T	08 05 107.6	
		baz=25				
TXAR	Lajitas Array	46.13	101	P	08 04 21.7	-0.4
		comp=Z, 0.1m, 0.8s, baz=308, slow=5.4, SNR=1.3				
ARCS	ARCESS Array B	47.33	99	P	08 05 33.3	+0.1
		comp=Z, 6.6m, 1.1s, baz=355, slow=9.4, SNR=1.6				
ZALV	Zalesovo Beam	59.76	323	P	08 06 01.3	-0.9
		comp=Z, 0.6m, 0.5s, baz=64, slow=6.6, SNR=1.9				
FINES	FINES Array B	63.77	358	P	08 06 29.7	+0.7
		comp=Z, 0.2m, 0.8s, baz=12, slow=9.8, SNR=9.5				
MKAR	Makanchi Array	66.58	320	P	08 06 47.4	-0.1
		comp=Z, 0.3m, 0.5s, baz=41, slow=5.9, SNR=2.6				
AKASG	Malin Array Be	74.42	351	P	08 07 35.7	-0.6
		comp=Z, 0.2m, 0.3s, baz=10, slow=6.0, SNR=6.3				
CMAR	Chiang Mai Arr	82.41	299	P	08 08 17.8	-2.0
		comp=Z, 1.1m, 0.3s, baz=3, slow=6.3, SNR=2.2				

IDC 02 07:58:15.6+1.1, 6.056N:126.76E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.5/39, mbtmp3.6/4, Error ellipse: s-maj=16.4km s-min=23.1km az=67.0, Northern

Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	21.69	160	P	08 03 07.4	-0.8
ASAR	Alice Springs	1.2m, 0.5s, baz=336, slow=1.1, SNR=13		P	08 03 42.5	+0.5
MKAR	Makanchi Array	60.17	326	P	08 08 25.8	+0.5
		0.2m, 0.3s, baz=128, slow=1.1, SNR=4.2				
ZALV	Zalesovo Beam	63.41	334	P	08 08 46.2	-0.7
		0.2m, 0.4s, baz=123, slow=5.3, SNR=1.2				

IDC 02 07:58:15.6+1.1, 6.056N:126.76E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.5/39, mbtmp3.6/4, Error ellipse: s-maj=16.4km s-min=23.1km az=67.0, Northern

Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	21.69	160	P	08 03 07.4	-0.8
ASAR	Alice Springs	1.2m, 0.5s, baz=336, slow=1.1, SNR=13		P	08 03 42.5	+0.5
MKAR	Makanchi Array	60.17	326	P	08 08 25.8	+0.5
		0.2m, 0.3s, baz=128, slow=1.1, SNR=4.2				
ZALV	Zalesovo Beam	63.41	334	P	08 08 46.2	-0.7
		0.2m, 0.4s, baz=123, slow=5.3, SNR=1.2				

IDC 02 07:59:48.8+1.1, 9.000N:126.28E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/42, mbtmp3.8/7, Error ellipse: s-maj=64.7km s-min=21.0km az=79.0

MAN 02 07:59:55.5, 9.000N:126.47E, h28km, mb4.6, ML3.4, MS3.3

ISC 02 07:59:54.6+0.8, 8.97N:105.12652E, 0.07, h35km, n18, r178/22, mb3.9/7, 2C-2D, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	21.69	160	P	08 03 07.4	-0.8
ASAR	Alice Springs	1.2m, 0.5s, baz=336, slow=1.1, SNR=13		P	08 03 42.5	+0.5
MKAR	Makanchi Array	60.17	326	P	08 08 25.8	+0.5
		0.2m, 0.3s, baz=128, slow=1.1, SNR=4.2				
ZALV	Zalesovo Beam	63.41	334	P	08 08 46.2	-0.7
		0.2m, 0.4s, baz=123, slow=5.3, SNR=1.2				

IDC 02 07:59:48.8+1.1, 9.000N:126.28E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/42, mbtmp3.8/7, Error ellipse: s-maj=64.7km s-min=21.0km az=79.0

MAN 02 07:59:55.5, 9.000N:126.47E, h28km, mb4.6, ML3.4, MS3.3

ISC 02 07:59:54.6+0.8, 8.97N:105.12652E, 0.07, h35km, n18, r178/22, mb3.9/7, 2C-2D, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
BIPH	Bislig	0.79	191	eP	08 00 10.7	+1.4
BIFP	Butuan	0.88	270	eP	08 00 20.6	

Table with columns for station code, name, time, and status. Includes stations like San Jose, Singaraja, Mantong Dam, etc.

Table with columns for station code, name, time, and status. Includes stations like KMI, KMI, KMI, etc.

Table with columns for station code, name, time, and status. Includes stations like ASAJ, Asahikawa, KJA, etc.

Duration: 3s2 Moment tensor: Scale 10¹⁸Nm;
 M₀:0.94±.01; M₁:0.55±.01; M₂:0.28±.01; M₃:1.91±.01;
 M₄:0.61±.01; M₅:1.98±.01; Best double couple;
 M₂:2.909000×10¹⁸ N¹P₁3.298.00000°,δ10.00000°;
 λ72.00000°. NP₂3.136.00000°,δ81.00000°,λ93.00000°.
 Principal axes: T 2.8120, P1g54.0000°, Azm49.0000°; N
 0.1910, P1g3.0000°, Azm315.0000°; P -3.0050,
 P1g36.0000°, Azm223.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface/mantle waves,
 cutoff=50s. Triangular moment-rate function

NEIC 02 09:37:58, 12.53N,87.90W,h00km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁸Nm; M₀:0.77;
 M₁:0.47; M₂:0.24; M₃:2.07; M₄:0.63; M₅:2.05; Fault
 plane solution: M₂:3.05000°1018° N₁P₁3.01.00000°;
 δ8.00000°,λ77.00000°. NP₂3.135.00000°,δ82.00000°;
 λ92.00000°. Principal axes: T 2.8982, P1g53.0000°;
 Azm47.0000°; N 0.2761, P1g2.0000°, Azm314.0000°; P
 -3.1742, P1g37.0000°, Azm223.0000°;

NEIC 02 09:38:00, 12.63N,87.53W,h70km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁸Nm; M₀:0.58;
 M₁:0.22; M₂:0.36; M₃:1.87; M₄:0.57; M₅:1.89; Fault
 plane solution: M₂:7.60000°1018° N₁P₁3.25.00000°;
 δ3.00000°,λ99.00000°. NP₂3.135.00000°,δ82.00000°;
 λ92.00000°. Principal axes: T 2.6109, P1g53.0000°;
 Azm44.0000°; N 0.2852, P1g1.0000°, Azm135.0000°; P
 -2.8962, P1g37.0000°, Azm226.0000°;

BGR 02 09:38:00.7,0.0, 12.70N,85.34W,h74km,mb4.8
 UPA 02 09:38:01.0,2.6, 12.42N,87.36W,h10km,168km,MW6.0
 CGC 02 09:38:05.9,0.9, 13.13N,88.51W,h2km,999km,MD4.9

NEIC 02 09:38:10, 12.56N,87.38W,h63km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁸Nm; M₀:0.83;
 M₁:0.53; M₂:0.30; M₃:1.42; M₄:0.74; M₅:1.57; Fault
 plane solution: M₂:3.40000°1018° N₁P₁3.297.90000°;
 δ13.23000°,λ70.71000°. NP₂3.137.68000°,δ77.53000°;
 λ94.44000°. Principal axes: T 2.1832, P1g57.0000°;
 Azm53.0000°; N 0.3154, P1g2.0000°, Azm317.0000°; P
 -2.4986, P1g32.0000°, Azm224.0000°;

OSPL 02 09:38:16.5,1.3, 10.54N,84.81W,h65km,431km
 ISC 02 09:37:54.8,0.3, 12.59N,0.02,87.70W,0.02,h70km,1km,
 h71km;pP-P,1n1658,±2818/2107,mb5.8/378,97C-73D,
 Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CSGN	Cosiguina Volc	0.41	20	Op	09 38 07.8 +0.9	Pn
LCND	Cosiguina Volc	0.41	20	Op	09 38 08.0 +1.0	Pn
CSGN	Cosiguina Volc	0.41	20	Op	09 38 08.0 +1.0	Pn
CRIN	San Cristobal	0.65	80	eP	09 38 10.4 +1.2	Pn
CNCH	Conchagua	0.69	350	eP	09 38 10.2 +0.4	Pn
CNCH	Conchagua	0.69	350	eP	09 38 25.8	IAML
CNCH	Conchagua	0.69	350	eP	09 38 10.2 +0.4	Pn
CNCH	Conchagua	0.69	350	eP	09 38 25.8	IAML
LCND	La Caada	0.74	346	eP	09 38 10.9 +0.8	Pn
LCND	La Caada	0.74	346	eP	09 38 11.2 +0.2	Pn
JUCU	Jucuarjn	0.85	321	eS	09 38 23.1 -0.9	Pn
JUCU	Jucuarjn	0.85	321	eS	09 38 11.3 -0.2	Pn
JUCU	Jucuarjn	0.85	321	eS	09 38 23.1 -0.9	Pn
JUCU	Jucuarjn	0.85	321	eS	09 38 11.3 -0.2	Pn
CNGN	Cerro Negro	0.99	95	eS	09 38 13.8 +0.6	Pn
CNGN	Cerro Negro	0.99	95	eS	09 38 13.8 +0.6	Pn
BLLM	Bellamira	0.99	329	eP	09 38 13.7 +0.4	Pn
BLLM	Bellamira	0.99	329	eP	09 38 13.7 +0.4	Pn
VSM	San Miguel	1.00	326	eP	09 38 13.8 +0.2	Pn
YSM	San Miguel	1.00	326	eP	09 38 13.8 +0.2	Pn
LCY	Lacayo	1.01	325	iP	09 38 13.7 +0.2	Pn
LCY	Lacayo	1.01	325	iP	09 38 13.7 +0.2	Pn
RANC	El Ranchito	1.01	326	eS	09 38 14.2 +0.6	Pn
RANC	El Ranchito	1.01	326	eS	09 38 28.5 +0.9	Pn
RANC	El Ranchito	1.01	326	eS	09 38 14.2 +0.6	Pn
RANC	El Ranchito	1.01	326	eS	09 38 28.5 +0.9	Pn
PACA	Pacayal	1.06	325	eP	09 38 14.9 +0.5	Pn
PACA	Pacayal	1.06	325	eP	09 38 32.7	IAML
PACA	Pacayal	1.06	325	eP	09 38 14.9 +0.5	Pn
PACA	Pacayal	1.06	325	eP	09 38 32.7	IAML
ALJI	Alcalda de J	1.12	311	eP	09 38 14.6 -0.2	Pn
ALJI	Alcalda de J	1.12	311	eP	09 38 29.0 -0.7	Pn
ALJI	Alcalda de J	1.12	311	eP	09 38 33.2	IAML
ALJI	Alcalda de J	1.12	311	eP	09 38 14.6 -0.2	Pn
ALJI	Alcalda de J	1.12	311	eP	09 38 29.0 -0.7	Pn
ALJI	Alcalda de J	1.12	311	eP	09 38 33.2	IAML
FAGO	Alcalda de S	1.17	340	eS	09 38 16.4 +0.9	Pn
FAGO	Alcalda de S	1.17	340	eS	09 38 22.4 +1.3	Pn
FAGO	Alcalda de S	1.17	340	eS	09 38 16.4 +0.9	Pn
FAGO	Alcalda de S	1.17	340	eS	09 38 32.2 +1.3	Pn
TECA	Tecapa	1.19	319	iP	09 38 15.9 0.0	Pn
TECA	Tecapa	1.19	319	iP	09 38 15.9 0.0	Pn
COEB	Comit de Eme	1.21	318	eP	09 38 16.3 +0.2	Pn
COEB	Comit de Eme	1.21	318	eP	09 38 16.3 +0.2	Pn
COEB	Comit de Eme	1.21	318	eP	09 38 32.6 +0.6	Pn
COEB	Comit de Eme	1.21	318	eP	09 38 16.3 +0.2	Pn
ESTN	Estel	1.40	68	eS	09 38 20.2 +1.7	Pn
ESTN	Estel	1.40	68	eS	09 38 38.5 +2.2	Pn
ESTN	Estel	1.40	68	eS	09 38 19.8 +1.3	Pn
ESTN	Estel	1.40	68	eS	09 38 38.5 +2.2	Pn
TGUH	Tegucigalpa,Un	1.52	16	iP	09 38 22.0 +1.8	Pn
TGUH	Tegucigalpa,Un	1.52	16	iP	09 38 22.0 +1.8	Pn
TGUH	Tegucigalpa,Un	1.52	16	iP	09 38 41.9 +2.6	Pn
TGUH	Tegucigalpa,Un	1.52	16	iP	09 38 22.0 +1.8	Pn
COEG	Centro de Oper	1.54	312	eP	09 38 20.6 +0.3	Pn
COEG	Centro de Oper	1.54	312	eP	09 38 40.1 +0.5	Pn
COEG	Centro de Oper	1.54	312	eP	09 38 20.6 +0.3	Pn
COEG	Centro de Oper	1.54	312	eP	09 38 40.1 +0.5	Pn
MASN	Masaya	1.63	311	eP	09 38 21.7 +0.2	Pn
PAVA	Las Pavas	1.64	313	eP	09 38 22.1 +0.4	Pn
PAVA	Las Pavas	1.64	313	eP	09 38 44.2 +0.6	Pn
PAVA	Las Pavas	1.64	313	eP	09 38 48.6	IAML
PAVA	Las Pavas	1.64	313	eP	09 38 22.1 +0.4	Pn
PAVA	Las Pavas	1.64	313	eP	09 38 44.2 +0.6	Pn
PAVA	Las Pavas	1.64	313	eP	09 38 48.6	IAML
LFRS	El Faro	1.68	308	iP	09 38 22.0 -0.2	Pn
LBR5	Las Brisas	1.73	311	iP	09 38 23.2 +0.2	Pn
AEIL	Aeropuerto Ilo	1.76	309	eS	09 38 23.8 +0.5	Pn
AEIL	Aeropuerto Ilo	1.76	309	eS	09 38 44.2 -0.7	Pn
AEIL	Aeropuerto Ilo	1.76	309	eS	09 38 50.8	IAML
AEIL	Aeropuerto Ilo	1.76	309	eS	09 38 23.8 +0.5	Pn
AEIL	Aeropuerto Ilo	1.76	309	eS	09 38 44.2 -0.7	Pn
AEIL	Aeropuerto Ilo	1.76	309	eS	09 38 50.8	IAML
MATN	Matagalpa	1.77	79	eP	09 38 24.5 +1.1	Pn
MATN	Matagalpa	1.77	79	eP	09 38 47.9 +2.8	Pn
LAFU	La Fuente	1.79	310	eP	09 38 24.2 +0.4	Pn
LAFU	La Fuente	1.79	310	eP	09 38 24.2 +0.4	Pn
UDBS	Universidad Do	1.80	309	eS	09 38 24.3 +0.3	Pn
UDBS	Universidad Do	1.80	309	eS	09 38 46.3 +0.3	Pn
UDBS	Universidad Do	1.80	309	eS	09 38 51.6	IAML
UDBS	Universidad Do	1.80	309	eS	09 38 24.3 +0.3	Pn
UDBS	Universidad Do	1.80	309	eS	09 38 46.3 +0.3	Pn
UDBS	Universidad Do	1.80	309	eS	09 38 51.6	IAML
LALI	Alcalda de L	1.81	300	eP	09 38 23.3 -0.6	Pn
LALI	Alcalda de L	1.81	300	eP	09 38 44.6 -1.4	Pn
LALI	Alcalda de L	1.81	300	eP	09 38 23.3 -0.6	Pn
LALI	Alcalda de L	1.81	300	eP	09 38 44.6 -1.4	Pn
UTEC	Universidad Te	1.83	307	eS	09 38 24.5 +0.3	Pn
UTEC	Universidad Te	1.83	307	eS	09 38 47.1 +0.6	Pn
UTEC	Universidad Te	1.83	307	eS	09 38 52.6	IAML
UTEC	Universidad Te	1.83	307	eS	09 38 24.5 +0.3	Pn
UTEC	Universidad Te	1.83	307	eS	09 38 47.1 +0.6	Pn
UTEC	Universidad Te	1.83	307	eS	09 38 52.6	IAML
OPAM	Oficina de Pla	1.83	308	eS	09 38 24.8 +0.5	Pn
OPAM	Oficina de Pla	1.83	308	eS	09 38 48.1 +1.4	Pn
OPAM	Oficina de Pla	1.83	308	eS	09 38 51.9	IAML
OPAM	Oficina de Pla	1.83	308	eS	09 38 24.8 +0.5	Pn
OPAM	Oficina de Pla	1.83	308	eS	09 38 48.1 +1.4	Pn
OPAM	Oficina de Pla	1.83	308	eS	09 38 51.9	IAML

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SNET	Serv Nac Est T	1.84	306	eP	09 38 24.7 +0.3	Pn
SNET	Serv Nac Est T	1.84	306	eP	09 38 47.6 +0.6	Pn
SNET	Serv Nac Est T	1.84	306	eP	09 38 50.1	IAML
SNET	Serv Nac Est T	1.84	306	eP	09 38 24.7 +0.3	Pn
SNET	Serv Nac Est T	1.84	306	eP	09 38 47.6 +0.6	Pn
SNET	Serv Nac Est T	1.84	306	eP	09 38 50.1	IAML
BOQUER	Boqueron	1.91	307	eP	09 38 25.8 +0.3	Pn
LLGN	La Laguna	1.98	322	eP	09 38 26.8 +0.6	Pn
LLGN	La Laguna	1.98	322	eP	09 38 26.8 +0.6	Pn
CEVE	Cerro Verde	2.24	304	eP	09 38 30.4 +0.6	Pn
CEVE	Cerro Verde	2.24	304	eP	09 38 30.4 +0.6	Pn
SBSL	San Blas	2.24	304	eP	09 38 30.4 +0.6	Pn
SBSL	San Blas	2.24	304	eP	09 38 30.4 +0.6	Pn
SNEJ	San Jose	2.25	305	iP	09 38 30.4 +0.5	Pn
SNEJ	San Jose	2.25	305	iP	09 38 30.4 +0.5	Pn
RTR	El Retiro	2.29	305	eS	09 38 31.2 +0.6	Pn
RTR	El Retiro	2.29	305	eS	09 38 31.2 +0.6	Pn
MTOS	Montecristo	2.42	318	eS	09 38 31.3 +0.8	Pn
MTOS	Montecristo	2.42	318	eS	09 38 31.3 +0.8	Pn
MTOS	Montecristo	2.42	318	eS	09 38 31.3 +0.8	Pn
MTOS	Montecristo	2.42	318	eS	09 38 31.3 +0.8	Pn
ACON	Acopyaya	2.55	104	eP	09 38 34.4 +0.5	Pn
ACON	Acopyaya	2.55	104	eP	09 38 34.4 +0.5	Pn
GB1A	Borinquen Arri	2.86	128	iP	09 38 39.8 +1.6	Pn
GB1A	Borinquen Arri	2.86	128	iP	09 38 39.8 +1.6	Pn
LAPC	Finca la Perla	2.87	129	iP	09 38 40.1 +1.9	Pn
LAPC	Finca la Perla	2.87	129	iP	09 38 40.1 +1.9	Pn
BUEV	Buena Vista	2.87	128	iP	09 38 39.8 +1.5	Pn
BUEV	Buena Vista	2.87	128	iP	09 38 39.8 +1.5	Pn
NW14	Universidad de	2.87	128	iP	09 38 40.4 +2.1	Pn
NW14	Universidad de	2.87	128	iP	09 38 40.4 +2.1	Pn
BUAI	Buenos Aires	2.88	126	iP</		

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V59A	Middlesex	24.61	19	P	P	09 43 10.3 +1.9
V59A	baz=202,SNR=91			S	S	09 47 27.7 +3.0
T53A	baz=202	24.73	10	P	P	09 43 11.5 +1.8
T53A	baz=192,SNR=119			S	S	09 47 29.2 +2.4
T52A	baz=192	24.78	9	P	P	09 43 11.5 +1.4
T52A	Hallie			IAMB	IAMB	09 43 33.9
T52A	comp=Z,575nm,1.3s			ScP	ScP	09 50 17.8 -0.2
T52A	Hallie	24.78	9	P	P	09 43 11.8 +1.8
T52A	baz=191,SNR=50			S	S	09 47 30.8 +3.4
T52A	baz=191			S	S	09 47 30.8 +3.4
MGMO	Mountain Grove	24.80	351	IAMB	IAMB	09 44 03.4
U57A	Blanch	24.91	16	P	P	09 43 13.0 +1.8
U57A	baz=200,SNR=164			S	S	09 47 31.5 +2.0
V60A	baz=200	24.93	20	P	P	09 43 13.1 +1.8
V60A	Jim Taylor Roa			S	S	09 47 34.6 +4.8
V60A	baz=205,SNR=149			S	S	09 47 34.6 +4.8
T54A	Tazewell	24.98	12	P	P	09 43 13.9 +2.0
T54A	baz=194,SNR=92			S	S	09 47 32.5 +1.7
MLYT	Lee's Yard	25.01	77	eP	P	09 43 10.9 -1.5
MNTX	Cornudas Mount	25.03	322	IAMB	IAMB	09 43 56.6
MNTX	comp=Z,1um,2.0s			P	P	09 43 13.6 +1.2
MNTX	Cornudas Mount	25.03	322	P	P	09 43 13.6 +1.2
MNTX	baz=136			S	S	09 47 32.3 +0.7
GUVJ	Guirra	25.03	92	eP	P	09 43 05.2 -7.4
S44A	Carbondale	25.04	357	IAMB	IAMB	09 43 13.0 +0.6
S44A	comp=Z,244nm,0.8s			ScP	ScP	09 50 18.2 -0.4
S44A	Oxford	25.09	18	P	P	09 43 14.7 +1.8
U58A	baz=201,SNR=90			S	S	09 47 36.2 +3.7
U58A	Richmond	25.16	6	P	P	09 43 14.9 +1.4
S50A	baz=188,SNR=40			S	S	09 47 34.2 +0.7
S50A	Bigot	25.18	5	P	P	09 43 14.6 +0.9
S49A	Springfield	25.18	5	P	P	09 43 14.6 +0.9
S49A	baz=186,SNR=58			S	S	09 47 34.1 +0.2
V61A	Roper	25.19	22	P	P	09 43 16.2 +2.4
V61A	baz=206,SNR=28			S	S	09 47 38.9 +5.0
T55A	Pulaski	25.20	13	P	P	09 43 16.2 +2.3
T55A	baz=196,SNR=112			S	S	09 47 37.3 +3.1
S51A	Beattyville	25.22	8	IAMB	IAMB	09 43 35.3
S51A	comp=Z,204nm,0.8s			P	P	09 43 15.5 +1.5
S51A	Beattyville	25.22	8	P	P	09 43 15.5 +1.5
S51A	baz=189,SNR=116			S	S	09 47 36.8 +2.4
V62A	baz=189	25.22	23	P	P	09 43 16.6 +2.6
V62A	Hyde County Ai			S	S	09 47 40.5 +6.1
USIN	University of	25.27	0	IAMB	IAMB	09 43 18.7
USIN	comp=Z,131nm,0.6s			IAMB	IAMB	09 43 20.8
U59A	Littleton	25.29	19	P	P	09 43 16.4 +1.8
U59A	comp=Z,337nm,1.0s			S	S	09 47 39.4 +3.9
U59A	Littleton	25.29	19	P	P	09 43 16.4 +1.8
U59A	baz=203,SNR=113			S	S	09 47 39.4 +3.9
T56A	Rocky Mt	25.29	14	P	P	09 43 16.9 +2.2
T56A	baz=198,SNR=51			S	S	09 47 38.8 +3.1
MSTX	Muleshoe	25.32	330	P	P	09 43 16.2 +1.0
MSTX	baz=144,SNR=591			S	S	09 47 42.5 +6.1
S52A	Salyersville	25.33	9	P	P	09 43 16.7 +1.7
S52A	baz=190,SNR=51			S	S	09 47 38.2 +2.1
BLA	Blacksburg	25.37	14	IAMB	IAMB	09 43 21.3
BLA	comp=Z,217nm,0.8s			P	P	09 43 17.4 +1.9
BLA	Blacksburg	25.37	14	P	P	09 43 17.4 +1.9
BLA	baz=197,SNR=77			S	S	09 47 40.1 +3.1
GRGR	Grenville	25.45	88	P	P	09 43 16.3 0.0
T57A	Hurt	25.46	16	IAMB	IAMB	09 43 21.9
T57A	comp=Z,200nm,0.7s			P	P	09 43 18.3 +2.1
T57A	Hurt	25.46	16	P	P	09 43 18.3 +2.1
T57A	baz=199,SNR=82			S	S	09 47 41.5 +3.2
T57A	baz=199			S	S	09 43 16.4 -0.1
TDBA	Terre de Bas,	25.47	80	eP	P	09 43 16.4 -0.1
S53A	Williamson	25.48	10	P	P	09 43 18.1 +1.7
S53A	baz=193,SNR=134			S	S	09 47 41.6 +2.9
T35A	Sooner Cattle	25.48	343	P	P	09 43 16.4 0.0
T35A	comp=Z,279nm,1.0s			IAMB	IAMB	09 44 08.5
T35A	Bolivar	25.50	350	ScP	ScP	09 50 20.8 +0.8
T35A	comp=Z,276nm,0.8s			IAMB	IAMB	09 43 19.6
ANWB	Willy Bob	25.51	75	eP	P	09 43 14.1 -2.8
ANWB	Willy Bob	25.51	75	P	P	09 43 14.1 -2.8
ANWB	Willy Bob	25.51	75	IAMB	IAMB	09 43 19.7
CCM	comp=Z,191nm,0.8s			P	P	09 43 17.5 +0.5
CCM	Cathedral Cave	25.56	354	P	P	09 43 17.6 +0.5
CCM	comp=Z,228nm,0.8s			P	P	09 43 17.6 +0.5
CCM	Cathedral Cave	25.56	354	P	P	09 43 17.6 +0.5
CCM	baz=172			P	P	09 43 17.6 +0.5
AMTX	Amarillo	25.56	333	IAMB	IAMB	09 43 55.4
AMTX	comp=Z,334nm,0.9s			P	P	09 43 18.6 +1.3
AMTX	Amarillo	25.56	333	P	P	09 43 18.6 +1.3
AMTX	baz=147			P	P	09 43 17.7 +0.6
WCI	Wyandotte Cave	25.57	3	P	P	09 43 21.8
WCI	comp=Z,403nm,0.8s			IAMB	IAMB	09 43 21.8
WCI	Wyandotte Cave	25.57	3	ScP	ScP	09 50 19.1 -1.1
WCI	comp=Z,403nm,0.8s			P	P	09 43 17.7 +0.6
WCI	Wyandotte Cave	25.57	3	P	P	09 43 18.0 +0.8
WCI	baz=183			S	S	09 47 38.9 -1.0
U60A	Pendleton	25.60	20	P	P	09 43 19.6 +2.1
U60A	baz=204,SNR=76			S	S	09 47 43.9 +3.4
T58A	Grand View Acr	25.61	17	P	P	09 43 19.4 +1.8
T58A	baz=201,SNR=72			S	S	09 47 43.7 +3.1
MDPO	Dominica; Chan	25.63	80	eP	P	09 43 19.4 +1.5
ABD	La Joyeuse, An	25.66	78	eP	P	09 43 17.3 -0.9
R49A	Shelbyville	25.70	5	IAMB	IAMB	09 43 40.5
R49A	comp=Z,347nm,1.6s			P	P	09 43 19.2 +0.8
R49A	Shelbyville	25.70	5	P	P	09 43 19.2 +0.8
R49A	baz=196,SNR=91			S	S	09 47 41.8 -0.2
U61A	Possum Corner	25.72	21	P	P	09 43 20.8 +2.3
U61A	baz=206,SNR=13			S	S	09 43 47.7
S54A	Dingsess, Beckl	25.75	12	IAMB	IAMB	09 43 47.7
S54A	comp=Z,725nm,1.6s			P	P	09 43 20.6 +1.7
S54A	Dingsess, Beckl	25.75	12	P	P	09 43 20.6 +1.7
S54A	baz=194,SNR=60			S	S	09 47 46.1 +3.2

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DWS	Wesley	25.76	80	eP	P	09 43 18.1 -1.1
DWS	Wesley	25.76	80	eP	P	09 43 19.1 0.0
R50A	Paris	25.76	6	P	P	09 43 20.3 +1.4
R50A	baz=188,SNR=35			S	S	09 47 43.3 +0.2
SVB	Belmont	25.79	86	eP	P	09 43 18.9 -0.5
SVB	Belmont	25.79	86	eP	P	09 43 20.2 +0.8
SVB	Belmont	25.79	86	eP	P	09 43 20.7 +0.7
SVB	Belmont	25.79	86	P	P	09 43 19.6 +0.2
SVB	comp=Z,628nm,1.1s			IAMB	IAMB	09 43 38.6
FCV	Fort Charlotte	25.80	86	eP	P	09 43 18.7 -0.8
FCV	Fort de France	25.82	82	eP	P	09 43 21.0 +1.2
TPP	Pointe-a-Pier	25.82	82	eP	P	09 43 21.0 +1.2
PCM	Pelee Case Pet	25.83	82	eP	P	09 43 19.8 0.0
PML	Morne Lenard	25.85	82	eP	P	09 43 20.3 +0.3
R51A	Hillsboro	25.87	7	P	P	09 43 21.5 +1.6
R51A	baz=189,SNR=43			S	S	09 47 45.9 +1.2
CXM	Morne La Croix	25.87	82	eP	P	09 43 20.6 +0.3
SVN	Savane Anatole	25.87	82	eP	P	09 43 20.0 -0.2
GBMF	Grand Be	25.87	82	eP	P	09 43 20.0 -0.3
DFD	Fort de France	25.89	82	eP	P	09 43 21.2 +0.1
DFD	Fort de France	25.89	82	eP	P	09 43 19.0 -1.3
DFD	Fort de France	25.89	82	eP	P	09 43 20.3 0.0
DFD	Fort de France	25.89	82	P	P	09 43 20.4 0.0
DFD	comp=Z,839nm,1.5s			IAMB	IAMB	09 43 40.8
DFD	Fort de France	25.89	82	P	P	09 43 20.4 +0.1
BAMF	Morne Balal	25.89	82	eP	P	09 43 20.8 +0.4
SVCV	St. Vincent C	25.89	86	eP	P	09 43 22.9 +2.3
SVCV	St. Vincent C	25.89	86	eP	P	09 47 41.8 -3.8
S55A	Lewisburg	25.89	13	P	P	09 43 22.3 +2.1
S55A	baz=196,SNR=74			S	S	09 47 48.7 +3.6
T59A	Double "B" Far	25.93	19	IAMB	IAMB	09 43 42.3
T59A	comp=Z,470nm,1.3s			P	P	09 43 22.6 +2.1
T59A	Double "B" Far	25.93	19	P	P	09 43 22.6 +2.1
T59A	baz=203,SNR=48			S	S	09 47 46.6 +3.9
BIM	Bigot	25.96	83	eP	P	09 43 21.0 0.0
TRMF	Trois Ilets	25.98	83	eP	P	09 43 20.5 -0.6
TRMF	Trois Ilets	25.98	83	eP	P	09 43 21.9 +1.7
SLB	Belfond	25.98	84	eP	P	09 43 22.1 +0.8
SLB	Belfond	25.98	84	e	S	09 47 35.3 -1.2
SLB	Belfond	25.98	84	e	S	09 47 49.8 +2.7
ZAM	Aeronautique	26.00	83	eP	P	09 43 21.0 -0.3
S56A	Natural Bridge	26.02	15	P	P	09 43 23.5 +2.2
S56A	baz=198,SNR=60			S	S	09 47 51.4 +4.2
R52A	Cattlettsburg	26.04	9	P	P	09 43 23.0 +1.6
R52A	baz=191,SNR=37			S	S	09 47 48.7 +1.4
R52A	Olney	26.04	359	P	P	09 43 22.2 +0.8
OLIL	Olney	26.04	359	P	P	09 43 24.7
OLIL	comp=Z,194nm,0.7s			ScP	ScP	09 50 20.9 -0.7
OLIL	Saint Lucia, B	26.05	84	eP	P	09 43 22.9 +1.1
OLIL	Saint Lucia, B	26.05	84	e	S	09 47 49.8 +1.9
DEG	La Desirade	26.06	79	e	P	09 43 22.5 +0.7
LPMF	Morne Lepointe	26.06	83	eP	P	09 43 21.9 +0.1
MCLT	Moule a Chique	26.08	85	eP	P	09 43 20.5 -1.6
MCLT	Moule a Chique	26.08	85	eP	P	09 43 22.1 +0.1
SLAC	Saint Lucia, A	26.12	84	eP	P	09 43 22.0 -0.4
SLAC	Saint Lucia, A	26.12	84	e	P	09 43 40.1 +1.0
SLAC	Saint Lucia, A	26.12	84	e	P	

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2014 MAR

Table with columns: ID, Name, baz, SNR, P, S, 09 44, 11.7, +0.5, etc. Includes entries like I51A Listowel, I48A Sherman Twp, J55A Hilton, etc.

Table with columns: ID, Name, baz, SNR, P, S, 09 44, 22.5, +1.1, etc. Includes entries like H53A Bobcaygeon, K62A Royalton, K62A Royalston, etc.

Table with columns: ID, Name, baz, SNR, P, S, 09 44, 22.5, +1.1, etc. Includes entries like G55A Arnstein, F51A Arnstein, E44A Grand Marais A, etc.

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Table with columns: ID, Name, Time, Status, Direction, and other details. Includes entries like C06D Leavenworth, E04D Cinebar, D05A Enunclaw, etc.

2018 MAR

Table with columns: ID, Name, Time, Status, Direction, and other details. Includes entries like CROM Cirque, MCARA McCarthy VSAT, ANGG Ammassalik, etc.

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Table with columns: ID, Name, Time, Status, Direction, and other details. Includes entries like SCO Scoresbysund, SCO Scoresbysund, FALS False Pass, etc.

BGES	Gesves	82.19	40	P	PP	09 53 24.6	+7.6
BCLA	Clavier	82.32	40	P	PP	09 53 25.7	+7.6
BSTI	Sart Tilman	82.45	40	P	PP	09 53 26.9	+7.8
BHOU	Houvezeg	82.77	40	P	PP	09 53 29.5	+8.1
WLF	Walferdange	83.00	41	P	P	09 50 14.5	+2.1
WLF					Iamb	09 50 33.0	+1.4
WLF					Iamb	09 50 36.0	
BUG	Bochum-Üniver	83.34	39	eP	P	09 50 12.0	-2.0
NB2	NORSAR Subarra	83.37	29	P	P	09 50 12.6	-1.5
NOA	NORSAR Array B	83.37	29	P	P	09 50 12.7	-1.4
NOA	NORSAR Array S	83.38	29	P	P	09 50 31.4	-1.9
NOA					LR	10 25 30.5	
MUD	Monsted Ugrnd	83.38	34	iP	P	09 50 11.8	-2.4
MUD	Monsted Ugrnd	83.38	34	eP	P	09 50 11.8	-2.4
NB201	NORSAR Array S	83.40	29	P	P	09 50 12.8	-1.5
NB201					Iamb	09 50 32.4	-1.1
NB201					Iamb	09 50 38.6	
AHRW	Bad Neuenahr-A	83.41	40	eP	P	09 50 13.1	-1.3
AHRW					P	09 50 33.1	-0.6
MAHO	Mahon	83.54	51	eS	S	10 00 38.3	+1.4
NC405	NORSAR Array S	83.58	29	P	P	09 50 14.3	-0.9
NC405					P	09 50 34.3	+0.1
BILL	NORSAR Array S	83.59	29	P	P	09 50 14.3	-0.9
BILL	Bilbino	84.30	339	eP	Iamb	09 50 20.1	+0.7
BILL					P	09 50 18.2	-0.5
TNS	Tausus Mts	84.33	40	eP	P	09 50 17.6	-1.7
TNS	Lac Senin/Sane	84.42	44	Iamb	P	09 50 36.4	-2.1
BSEG	Bad Segeberg	84.60	36	eP	P	09 50 19.2	-1.2
BFO	Black Forest	84.67	42	eP	P	09 50 18.6	-2.4
STU	Stuttgart	85.13	41	eP	P	09 50 20.8	-2.4
STU					P	09 50 41.6	-1.0
CLZ	Clausthal	85.14	38	eP	P	09 50 21.9	-1.4
DAVA	Damuels	85.93	43	iP	P	09 50 25.6	-1.9
DAVA					iP	09 50 45.5	-1.3
UBR	Ueberruh	85.99	42	eP	P	09 50 25.8	-1.8
UBR					P	09 50 45.8	-1.1
DAVOX	Davos/Dischmat	86.06	43	eP	P	09 50 26.2	-1.9
DAVOX					P	09 50 46.6	-0.9
ARCES	ARCESS Array B	86.14	19	P	P	09 50 25.1	-2.7
ARCES					P	09 50 47.0	-0.1
ARCES					PKKpbc	10 08 29.5	+0.5
ARCES					LR	10 28 17.9	
NEUB	Neuenburg	86.15	38	eP	P	09 50 26.8	-1.4
MOX	Moxa	86.20	39	eP	P	09 50 27.0	-1.5
MOX					P	09 50 47.0	-0.9
GRF	Grafenberg Arr	86.20	40	eP	P	09 50 27.1	-1.4
RETA	Reutte	86.47	42	iP	P	09 50 28.3	-1.7
RETA					iP	09 50 47.9	-1.4
FETA	Feichten	86.56	43	iP	P	09 50 28.7	-1.9
FETA					P	09 50 48.6	-1.3
TOAD	Torodi Ar. Sit	86.62	77	P	P	09 50 28.1	-3.2
TORD	Torodi Ar. Bea	86.62	77	P	P	09 50 28.4	-2.9
TORD					P	09 50 48.7	-1.9
TORD					PKKpbc	10 08 28.9	+2.8
TORD					P'P'df	10 16 33.9	-1.6
TORD					LR	10 24 34.4	
MANZ	Manzenberg	86.67	40	eP	P	09 50 29.5	-1.4
GUNZ	Gunzen	86.71	39	eP	P	09 50 29.7	-1.4
MOTA	Moosalm	86.72	42	iP	P	09 50 29.5	-1.9
MOTA					iP	09 50 48.3	-2.4
WERN	Wernitzgruen	86.76	39	eP	P	09 50 30.1	-1.2
WERN	Tannenbergstha	86.78	39	eP	P	09 50 30.2	-0.4
WERN					P	09 50 30.0	-1.4
ROTZ	Rotzenmühle	86.80	40	eP	P	09 50 30.2	-1.3
ROTC	Novy Kostel	86.82	39	eP	P	09 50 29.8	-1.8
ROTC					AMS	10 00 52.6	+0.1
ROTC					AMS	10 23 10.0	
ROTC					P	09 50 29.8	-1.8
ROTC					e	10 00 52.6	
SQTA	Sankt Quirin	86.83	42	iP	P	09 50 29.9	-1.9
SQTA					iP	09 50 49.7	-1.5
CLL	Collim	86.86	38	iP	P	09 50 30.3	-1.4
CLL					iP	09 50 49.6	-1.5
CLL					P	09 53 52.0	-2.9
CLL					esPP	09 54 19.0	
CLL					es(SKSac)	10 00 58.0	-6.2
CLL					es	10 01 36.5	-0.5
CLL					esP	10 02 04.0	-0.6
CLL					esPPS	10 02 36.0	
CLL					esSS	10 06 44.0	-3.1
CLL					esSSS	10 07 31.0	
CLL					esSSSS	10 10 36.0	
CLL					esSSSS	10 13 19.0	
CLL	Collim	86.86	38	eP	P	09 50 31.1	-0.6
CLL					P	09 50 30.3	-1.4
CLL					sP	09 50 55.5	-3.2
CLL					sP	10 00 58.0	-6.2
WATA	Walderalm	87.04	42	iP	P	09 50 50.9	-1.3
WTTA	Wattenberg	87.10	42	iP	P	09 50 31.0	-2.2
WTTA					iP	09 50 50.8	-1.7
FBE	Freiberg	87.18	38	eP	P	09 50 32.4	-0.9
FBE					P	09 50 52.3	-0.4
WET	Wetzell	87.39	40	eP	P	09 50 33.1	-1.2
WET					P	09 50 53.2	-0.5
BRG	Berggiesshubel	87.55	38	eP	P	09 50 32.9	-2.2
BRG					iP	09 50 53.2	-1.2
BRG					sP	09 51 02.0	-0.1

BRG	Berggiesshubel	87.55	38	eP	PP	09 50 53.7	-0.8
BRG					P	09 50 53.9	-2.2
BRG					iP	09 50 53.2	-1.2
BRG					*SP	09 51 02.0	-0.1
BRG					e	10 00 54.0	
BRG					pmx		
BRG					pmx		
BRG					MLR		
BRG					MLR		
BRG					MLR		
BRG					MLR		
TEOL	Teolo	87.62	44	Iamb	Iamb	09 50 59.0	
RJOB	Jochberg	87.72	42	eP	P	09 50 34.2	-1.8
RJOB					P	09 50 54.3	-1.2
ABTA	Abfaltersbach	87.81	43	iP	P	09 50 34.5	-2.1
ABTA					iP	09 50 54.7	-1.2
KHC	Kasperske Hory	87.83	40	eP	P	09 50 34.8	-1.7
KHC					P	09 50 38.3	0.0
KHC					eP	09 50 54.4	-1.5
KHC					sP	09 50 59.1	-4.4
KHC					esSKS	10 00 49.4	-9.3
KHC					AMS	10 24 10.0	
KHC					P	09 50 34.1	-2.4
KHC					P	09 50 54.8	-1.6
KHC					P	09 50 34.8	-1.7
KHC					e	10 00 59.1	
KHC					P	09 50 49.4	
PBCC	Pribram	87.93	40	eP	P	09 50 55.7	+1.9
PBCC					x	09 50 59.9	
PBCC					SKS	10 00 57.9	-1.3
GECZ	GERESS Array S	87.99	40	eP	P	09 50 34.9	-2.4
GECZ					P	09 50 34.9	-2.4
GERES	GERESS Array B	87.99	40	eP	P	09 50 35.3	-2.1
GERES					P	09 50 55.2	-1.5
GERES					LR	10 25 02.4	
PVCC	Panska Ves	88.04	39	eP	P	09 50 32.7	-4.7
PVCC					P	10 00 55.5	-4.3
PVCC					AMS	10 19 50.0	
PVCC					P	09 50 32.7	-4.7
PVCC					MLR	10 00 55.5	
PRA	Prague	88.09	39	eP	P	09 50 34.5	-3.1
PRA					P	10 00 58.8	-1.3
PRA					AMS	10 23 50.0	
PRA					P	09 50 34.5	-3.1
PRA					MLR	10 00 58.8	
PRU	Pruhonic	88.18	39	eP	P	09 50 44.0	+5.9
PRU					P	09 50 56.7	-0.8
PRU					SKS	10 00 57.3	-3.4
PRU					AMS	10 23 50.0	
PRU					P	09 50 44.0	+5.9
PRU					MLR	10 00 57.3	
KBA	Koelnbreinsper	88.27	42	iP	P	09 50 39.9	-0.5
KBA					iP	09 50 59.1	+0.9
GOPC	GO Pecny, Ondr	88.35	39	eP	P	09 50 31.7	-7.9
GOPC					P	10 00 54.7	-7.1
GOPC					AMS	10 24 00.0	
GOPC					P	09 50 31.7	-7.9
GOPC					MLR	10 00 54.7	
GOPC					P	09 50 37.8	-1.6
GOPC					P	10 25 33.6	
MYKA	Terra Mystica	88.59	43	iP	P	09 50 39.0	-1.2
MYKA					iP	09 50 58.4	-1.2
MOA	Molin	88.64	41	iP	P	09 50 39.7	-0.6
MOA					iP	09 50 58.3	-1.5
UPC	Udice	88.92	38	eP	P	09 50 36.3	-5.3
UPC					sP	09 51 04.9	-3.7
UPC					esSKS	10 01 02.1	-3.0
UPC					AMS	10 23 20.0	
UPC					P	09 50 36.3	-5.3
UPC					e	09 51 04.9	
UPC					e	10 01 02.1	
UPC					MLR		
CHVC	Chvalec	88.92	38	eP	P	09 50 41.4	-0.2
CHVC					x	09 51 00.0	
CHVC					AMS	10 26 00.0	
TREC	Trest	88.98	40	eP	P	09 50 42.4	+0.5
TREC					x	09 50 49.1	
TREC					AMS	10 24 10.0	
TREC					P	09 50 42.4	+0.5
TREC					MLR		
OSTC	Ostas	89.03	38	eP	P	09 50 40.1	-2.0
OSTC					x	09 51 00.8	
OSTC					esSKS	10 00 59.4	-6.4
OSTC					AMS	10 26 10.0	
DPC	Dobruska-Polom	89.16	38	eP	P	09 50 43.9	+1.2
DPC					P	10 01 01.9	-4.7
DPC					AMS	10 23 20.0	
DPC					P	09 50 43.9	+1.2
DPC					MLR	10 01 01.9	
OBKA	Obir	89.23	42	iP	P	09 50 41.9	-1.3
OBKA					iP	09 51 03.2	+0.5
SOKA	Soboth	89.49	42	iP	P	09 50 42.6	-1.8
SOKA					iP	09 51 03.8	0.0
KRLC	Kraliky	89.53	39	eP	P	09 50 39.8	-4.7
KRLC					AMS	10 25 10.0	
KRLC					P	09 50 39.8	-4.7
KRLC					MLR		
KRUC	Kruc Moravsky	89.62	40	eP	P	09 50 42.7	-2.1
KRUC					P	09 51 02.9	-1.4
KRUC					SKS	10 01 08.2	-1.0
ARSA	Arzberg	89.64	42	iP	P	09 50 43.2	-1.8
ARSA					P	09 51 04.8	+0.3
CONA	Conrad Observa	89.64	41	iP	P	09 50 43.2	-1.9
CONA					iP	09 51 03.6	-1.0

Table with columns: SIM, SIM, SIM, comp=Z, 10.0nm, 1.7s, Simferopol', 102.30 38 eP, Pdif, 09 51 25.6 -17, 10 02 14.0, 10 05 04.0 +1.2, etc.

Table with columns: BJI, comp=Z, 5.0m, 25.5s, URUMQI, 123.71 4 ePKP, PKIKP, 09 56 47.1 +2.0, 09 58 29.4 +2.8, 10 03 45.7 -5.2, etc.

Table with columns: CD2, comp=Z, 7.0m, 21.4s, LR, LR, CD2, comp=Z, 4.0m, 24.2s, LR, LR, CD2, comp=Z, 1.2um, 24.2s, LR, LR, etc.

Table with columns: SRBI, Singaraja, 157.02 279, PKP, PKPdf, 09 57 43.8 +0.4, etc.

Table with columns: W54A, Cherokee Point, 23.15 12, P, P, 09 46 24.6 +1.2, etc.

Table with columns: PLCA, comp=Z,16nm,0.9s, IAMB, IAMB, 09 50 52.7, etc.

NEIC 02 09:41:23.6:2.7, 12.42N:0.08:87.82W:0.04, h72km, 6km, mb5.0/75, Md4.8(SNET), Error ellipse: s-maj=11.4km s-min=5.7km az=185.0

IDC 02 09:41:23.9:2.0, 12.49N:87.77W, h80km, 26km, mb4.4/10, mb1.4/6/13, mb1mx4.2/48, mbtmp4.8/13, Error ellipse: s-maj=38.1km s-min=13.8km az=32.0

SNET 02 09:41:23.7: 1.2, 12.46N:87.93W, h14km, 19km, ML4.8 INET 02 09:41:24.1, 12.52N:87.82W, h61km, ML5.5 UCR 02 09:41:25.6:0.8, 12.58N:87.89W, h34km, 6km, ML4.7, mb5.0(NEIC)

ISC 02 09:41:21.3:0.5, 12.42N:0.06:87.89W:0.04, h50km, 1163, o166/163, mb5.0/42, 1D, Near coast of Nicaragua

W54A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1 W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1

W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1 W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1

W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1 W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1

W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1 W58A Windy Hill, Pi 24.59 17 P P 09 46 36.9 +0.1

INET 02 09:51:11.5, 12.54N:87.75W, h53km, ML4.0 SNET 02 09:51:12.6:0.9, 12.57N:87.90W, h31km, 3km, ML3.0

Near coast of Nicaragua

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

THE 02 09:52:54.5, 38.15N:20.39E, h13km, ML3.1/12, Error ellipse: s-maj=0.9km s-min=0.5km az=247.0

ATH 02 09:52:54.5, 38.16N:20.43E, h14km, 1km, ML3.5/6, Error ellipse: s-maj=2.0km s-min=1.0km az=250.0

ISC 02 09:52:54.4:0.9, 38.16N:20.42E:0.04, h15km, 4km, n52, o49/58/81, Greece

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

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

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

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

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

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

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

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

2d 10h

Table with columns: KLV, comp, IGT, KALE, AGG, DRME, PDG, TRBE, BRY, UPM, RUDO, BBLs, DIVS, HAPS, CRES, CEY. Includes station names like Loumenita, Kalithea, Agios Georgios, etc.

NNC 02 09:54:41.4-2.7, 42.72N:77.00E, h1km, mb2.8, mpv2.4, Error ellipse: s-maj=26.3km s-min=8.5km az=147.0

SOME 02 09:54:41.7, 42.92N:77.00E, h15km, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Tian-Shan, Medeo, Kuram, etc.

NNC 02 09:54:50.2-1.6, 42.88N:77.10E, h0km, mb2.8, mpv2.9, Error ellipse: s-maj=9.4km s-min=8.4km az=134.0

KRNET 02 09:54:54.6-0.1, 42.95N:77.12E, h13km, mb2.0

SOME 02 09:54:55.0, 43.03N:77.08E, h15km, ISC 02 09:54:53.2-0.8, 42.99N:0.02-77.11E, 0.01, h21km, 5km, n54, r=103/102, 23C-10D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Tian-Shan, Medeo, Kuram, etc.

2014 MAR

Table with columns: ZHN, BOOM, BOOM, DGS, DGS, DGS, KUU, KUU, PRZ, PRZ, KPKS, ARXS, ARXS, ARXS, UZB, UZB, UZB, MNBS, MNBS, MNBS, KBK, KZA, KZA, CHMS, CHMS, CHMS, AAK, AAK, UCH, UCH, ARLS, ARLS, DJR, DJR, DJR, KTMS, KTMS, KTMS, EKS2, EKS2, MRKS, MRKS, MRKS, KK31, KK31. Includes station names like Boomskeye usch, Koikek, Arharly, etc.

NNC 02 09:56:43.4-0.4, 44.52N:79.49E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=3.1km s-min=2.6km az=50.0

SOME 02 09:56:44.0, 44.52N:79.53E, h15km, ISC 02 09:56:43.8-1.0, 44.51N:0.03-79.53E, 0.03, h11km, 12km, n39, r=83/69, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Jarkent, Uchtor, Aral, etc.

Table with columns: KTMS, ARXS, ARXS, ARXS, UZB, UZB, UZB, KURS, KURS, KURS, ZHN, ZHN, ZHN, CHKK, CHKK, CHKK, KOTS, KOTS, KOTS, KTBS, KTBS, KTBS, MDOK, MDOK, MDOK, KUU, KUU, KUU, TNSS, TNSS, TNSS, TNSS, TNSS, IZV, IZV, IZV, IZV, IZV, MTBS, MTBS, MTBS, KST, KST, KST, DGS, DGS, DGS, DGS, DGS. Includes station names like Arharly, Chushkaly, Kuram, etc.

INET 02 10:00:21.0, 12.52N:87.78W, h45km, ML4.0, SNET 02 10:00:21.1, 12.53N:87.94W, h29km, 4km, ML3.1, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Conchagua, La Caada, Jucuarin, etc.

IDC 02 10:07:46.4-0.8, 45.98S:76.37W, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.9/32, mbtbp3.9/9, ML3.6/1, Error ellipse: s-maj=36.3km s-min=19.3km az=104.0

NEIC 02 10:07:48.4-2.8, 45.75S:0.1x76.7W:0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=21.7km s-min=9.3km az=150.0

ISC 02 10:07:50.3-0.6, 45.85S:0.1x76.7W:0.1, h23km, n45, r=1541/43, mb4.5/16, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Conchagua, La Caada, Jucuarin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Milladeo Hill, Paso Flores, Huala, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Santo Domingo, Ariguani, Ortega, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Pitinga, N'zarevskaya, El Rosal, etc.

ISC 02 10:09:13.2, 0.8, 6:98N-73:22W, h148km, 12km, mb3.1/3, mb1 3.5/6, mb1mx3.2/4.1, mbtrmp3.8/6, Error ellipse: s-maj=29.6km s-min=8.0km az=132.0

RSNC 02 10:09:14.0, 1.0, 6:81N-73:17W, h148km, 4km, ML3.5, Mw3.7

ISC 02 10:09:13.1, 0.8, 6:84N-73:12W, 0.04, h155km, 6km, n43, 0.99/66, mb3.5/3.5, CD-20, Northern Colombia

IDC 02 10:12:20.0, 0.5, 45:74S-76:56W, h0km, mb4.3/22, m1 4.3/24, mb1mx4.3/29, mbtrmp4.2/24, ML3.72, MS4.8/5, m1 4.8/5, ms1mx4.3/29, Error ellipse: s-maj=20.2km s-min=11.6km az=86.0

BUI 02 10:12:20.6, 0.0, 45:70S-76:50W, h10km, mb5.3/3, Ms5.3/2, Ms7.5/1/2

NEIC 02 10:12:21.9, 1.8, 45:69S-07:76:6W, 0.2, h10km, 1km, mb5.2/78, Error ellipse: s-maj=22.7km s-min=1.1km az=273.0

MOS 02 10:12:21.0, 1.1, 45:69S-76:58W, h12km, mb5.3/22, Error ellipse: s-maj=24.0km s-min=9.3km az=85.9

GCMT 02 10:12:24.0, 0.5, 45:36S-04:47:95W, 0.04, h18km, 1km, MW5.3/76, Moment Tensor Solution, s13, c16; s76, c104; Duration: 181 Moment tensor: Scal: 101/Nm; Mw=1.00; 1.0; Mw0.225; 0.6; Mw0.775; 0.6; Mw0.95; 1.8; Mw0.302; 0.3; Mw0.10; 1.2; Best double couple: M=1.0350x10^17 Np1=170.00000, 833.00000, -1.47.00000, -NP2=302.00000, 667.00000, -1.44.00000. Principal axes: T. 1.0880, Plg18.00000, Azms5.00000; N. 0.4340, Plg72.00000, Azm312.00000; P -1.5220, Plg61.00000, Azm177.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 10:12:23.2, 0.3, 45:74S-07:76:73W, 0.09, h17km, n200, 185/202, mb5.2/57, MS4.9/6, 1C-1D, Off coast of southern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Barichara, Pamplona, Ocana, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Milladeo Hill, Santo Domingo, Ariguani, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Pitinga, N'zarevskaya, El Rosal, etc.

2d 10h

Table with columns: ANMO, Albuquerque, 84.69 336, i P, P, 10 24 55.0 -1.0, comp=Z,2.0nm,1.1s, pmax, pmax

2014 MAR

Table with columns: MKAR, comp=Z,0.5nm,0.8s,baz=270,slow=3.9,SNR=2.8, PP, PP, 10 37 15.9 +3.8

60

Table with columns: CNCH, La Caada, 0.78 350, eS, Sn, 10 29 42.6 -0.1

154A	comp=Z,15m,1.2s	20.43	11	P	Pn	10 33 49.3 -1.3
250A	Motrose	20.69	4	P	P	10 33 50.9 +0.2
JCT	Junction City	21.03	30	P	P	10 33 56.8 +2.2
OBIP	Obispo Ponce	21.11	72	P	P	10 33 56.8 +1.4
OBIP				IaMb	IaMb	10 33 57.0
GOGA	comp=Z,8.9m,0.7s	21.15	10	P	P	10 33 56.9 +1.4
GOGA	Godfrey			IaMb	IaMb	10 33 58.7
ICMP	comp=Z,15m,0.7s	21.16	73	P	P	10 33 57.6 +1.8
Y49A	Isla Caja de M	21.26	3	P	P	10 33 57.9 +1.1
Y49A	Blount Mountai			IaMb	IaMb	10 34 04.5
Y52A	comp=Z,9.5m,0.8s	21.50	8	P	P	10 34 00.2 +0.9
Y52A	Liburn			IaMb	IaMb	10 34 04.1
SJG	comp=Z,7.6m,0.6s	21.55	72	P	P	10 33 59.4 -0.6
SJG	San Juan			IaMb	IaMb	10 34 00.5 +0.5
SJG	comp=Z,4.6m,0.7s,baz=283,slow=11,SNR=4.5					10 34 03.5 +2.9
NHSC	New Hope	21.62	17	P	P	10 34 05.2 +0.6
FPAL	Fort Paine	21.99	5	P	P	10 34 05.2 +0.6
REDW	Monte Pirata	22.11	73	P	P	10 34 06.3 +0.3
MTP				IaMb	IaMb	10 34 14.6
HODGE	Hodges	22.17	12	P	P	10 34 08.2 +1.7
HODGE				IaMb	IaMb	10 34 09.9
TXAR	Lajitas Array	22.32	321	P	P	10 34 08.3 0.0
TXAR	comp=Z,9.7m,0.9s,baz=142,slow=8.4,SNR=7.5					10 34 11.3 +1.9
TXAR	ScP					10 34 15.8
TX31	Lajitas Ar. Si	22.32	321	P	P	10 34 08.5 +0.2
TX31				IaMb	IaMb	10 34 10.5
TX32	Lajitas Array	22.32	321	P	P	10 34 08.5 +0.2
TX32				IaMb	IaMb	10 34 10.5
JSC	comp=Z,8.9m,0.8s	22.44	14	P	P	10 34 11.3 +1.9
MIAR	Jenkinsville	22.54	347	P	P	10 34 10.5 0.0
MIAR	Mount Ida			IaMb	IaMb	10 34 29.5
W50A	Signal Mount	22.67	5	P	P	10 34 11.7 -0.3
STV1	Saint Thomas	22.77	7	P	P	10 34 12.7 -0.1
W52A	Murphy	22.77	33	P	P	10 34 13.7 +1.3
ABTX	Ablene, Hawle	22.77	333	P	P	10 34 13.5 +0.5
BG3	Lake Jocassee	22.78	10	P	P	10 34 14.2 +1.2
BG3				IaMb	IaMb	10 34 15.5
PCRV	comp=Z,6.1m,0.6s	22.79	94	P	P	10 34 12.1 -1.2
PAULI	Puerto La Cruz	22.82	13	P	P	10 34 14.3 +0.7
PAULI	Pauline			IaMb	IaMb	10 34 15.8
PLCV	comp=Z,1.1m,0.9s,baz=212,slow=5.4,SNR=4.2	22.83	94	P	P	10 34 12.1 -1.7
CPCT	Cooper Cave	23.00	7	P	P	10 34 15.3 0.0
CPCT				IaMb	IaMb	10 34 32.9
Y60A	comp=Z,9.7m,1.1s	23.07	21	P	P	10 34 16.0 0.0
KMSC	Bolivia	23.25	13	P	P	10 34 18.2 +0.6
KMSC	Kings Mountain			IaMb	IaMb	10 34 19.6
TKL	comp=Z,9.7m,0.7s	23.30	8	P	P	10 34 18.1 -0.1
TKL	Tuckaleehee C	23.30	8	P	P	10 34 18.1 -0.1
TKL	comp=Z,2.9m,0.6s,baz=190,slow=12,SNR=8.5			IaMb	IaMb	10 34 36.9
V53A	Saluda	23.46	10	P	P	10 34 19.9 +0.3
V53A				IaMb	IaMb	10 34 23.8
CLTN	comp=Z,7.0m,0.8s	23.49	3	P	P	10 34 19.9 +0.1
WWT	Cedars of Leba	23.49	360	P	P	10 34 19.6 -0.3
W57A	Gilead	23.59	16	P	P	10 34 20.7 -0.1
W57A				IaMb	IaMb	10 34 36.1
LCAR	comp=Z,13m,1.1s	23.63	353	P	P	10 34 19.8 -1.4
X34A	Lake Charles	23.60	339	P	P	10 34 23.0 +0.3
X34A	Smith Ranch, M			IaMb	IaMb	10 34 42.1
V55A	comp=Z,12m,0.6s	23.95	13	P	P	10 34 24.9 +0.8
V55A	Taylorsville			IaMb	IaMb	10 34 43.0
TZTN	comp=Z,14m,1.2s	24.20	8	P	P	10 34 26.4 0.0
HHAR	Tazewell	24.29	348	P	P	10 34 42.4 +2.3
HHAR	Hobbs			IaMb	IaMb	10 34 46.9
T47A	comp=Z,8.6m,1.1s	24.36	1	P	P	10 34 27.6 -0.1
T47A	Sharon Grove			IaMb	IaMb	10 34 46.5
TUL1	comp=Z,9.2m,0.8s	24.48	344	P	P	10 34 29.1 +1.1
V58A	Leonard	24.48	17	P	P	10 34 28.8 +0.4
V58A	Windy Hill, Pi			IaMb	IaMb	10 34 30.1
U54A	comp=Z,12m,0.7s	24.47	12	P	P	10 34 29.3 +0.5
T49A	Nelson's Funny	24.55	4	P	P	10 34 29.8 +0.4
T52A	Hallie	24.84	9	P	P	10 34 32.2 +0.1
MNTX	Cornudas Mount	25.04	322	P	P	10 34 34.3 +0.3
S51A	Beattyville	25.27	8	P	P	10 34 35.8 -0.3
V62A	Hyde County Ai	25.29	23	P	P	10 34 37.3 +1.5
MSTX	Muleshoe	25.35	330	P	P	10 34 36.7 -0.8
MSTX				IaMb	IaMb	10 34 37.9
T57A	comp=Z,11m,0.8s	25.53	16	P	P	10 34 39.6 +1.3
S39A	Hurt	25.54	350	P	P	10 34 37.8 -0.7
S39A	Bolivar			IaMb	IaMb	10 34 43.9
S54A	comp=Z,9.2m,1.2s	25.81	12	P	P	10 34 41.5 +0.6
S54A	Dingess, Beckl			IaMb	IaMb	10 35 00.7
U32A	comp=Z,8.4m,1.1s	25.81	339	P	P	10 34 41.7 +0.7
U32A	Winter Ranch,			IaMb	IaMb	10 34 59.6
R55A	comp=Z,15m,1.0s	26.53	14	P	P	10 34 48.0 +0.5
Q51A	Marlinton	26.67	8	P	P	10 34 48.9 -0.1
Q54A	Peebles	27.05	12	P	P	10 34 52.4 +0.4
Q54A	Coxs Mills			IaMb	IaMb	10 34 53.4
P53A	comp=Z,6.7m,0.6s	27.43	11	P	P	10 34 55.7 +0.2
Q56A	Whipple	27.47	15	P	P	10 34 56.5 +0.6
Q56A	Snyder Ridge,			IaMb	IaMb	10 34 58.2
ANMO	comp=Z,6.8m,0.7s	28.02	326	P	P	10 35 01.3 +0.3
ANMO	Albuquerque			IaMb	IaMb	10 35 01.6 +0.6
P57A	comp=Z,8.0m,0.6s,baz=146,slow=5.6,SNR=5.0	28.02	326	P	P	10 35 02.7 +0.5
P57A	Homestead Farm			IaMb	IaMb	10 35 19.1
SDMD	comp=Z,9.9m,1.1s	28.46	18	P	P	10 35 05.2 +0.6
SSPA	Soldier's Deli	29.31	15	P	P	10 35 12.5 +0.3
SSPA	Standing Stone			IaMb	IaMb	10 35 13.8
SDCO	comp=Z,16m,1.5s	29.69	331	P	P	10 35 16.8 +0.9
M54A	Great Sand Dun	29.72	12	P	P	10 35 15.5 -0.3
M54A	Oil Creek Stat			IaMb	IaMb	10 35 17.3
S22A	comp=Z,5.7m,0.8s	30.34	329	P	P	10 35 22.9 +0.9
S22A	4UR Ranch, Cr			IaMb	IaMb	10 35 22.9
X16A	comp=Z,2.5m,0.6s	30.62	319	P	P	10 35 25.1 +1.0
ODNJ	Lo Mia Camp, P	30.69	20	P	P	10 35 24.2 -0.2
MVCO	Ogdensburg	30.80	326	P	P	10 35 26.2 +0.5
MVCO	Mesa Verde			IaMb	IaMb	10 35 27.9
WVNY	comp=Z,4.6m,1.1s	30.81	13	P	P	10 35 24.9 -0.5
SMCO	West Vary, N	31.53	331	P	P	10 35 33.9 +1.6
SMCO	Snowmass			IaMb	IaMb	10 35 34.2
L59A	comp=Z,5.4m,1.4s	31.55	18	P	P	10 35 31.9 -0.1
ECSD	Walton	32.01	348	P	P	10 35 34.5 -1.5
ECSD	EROS Data Cent			IaMb	IaMb	10 35 53.2
H48A	comp=Z,7.1m,1.1s	32.28	6	P	P	10 35 37.2 -1.0
H48A	Harrisville			IaMb	IaMb	10 35 40.7 0.0
Q20A	Remsen	32.89	330	P	P	10 35 45.0 +1.1
Q20A	White River Ci			IaMb	IaMb	10 35 45.5
SADO	comp=Z,5.0m,0.7s	32.96	11	P	P	10 35 44.4 +0.1
SADO	Sadowa			IaMb	IaMb	10 36 02.9
SRU	comp=Z,12m,1.2s	33.28	327	P	P	10 35 48.1 +0.7
MTPU	San Rafael Swe	33.46	324	P	P	10 35 49.4 +0.3
Q16A	Mount Pierson	33.49	326	P	P	10 35 49.9 +0.6
P17A	Castle Valley	33.66	327	P	P	10 35 51.0 +0.4
LONY	Butcher Ranch,	33.91	17	P	P	10 35 52.6 +0.1
LONY	Lake Ozonia			IaMb	IaMb	

RSSD	Black Hills	34.45	339	P	P	10 35 58.2 +0.8
RSSD				IaMb	IaMb	10 35 58.5
MPU	Maple Canyon	34.53	327	P	P	10 35 58.6 +0.4
LPAZ	La Paz	34.59	145	P	P	10 35 00.1 +0.7
LPAZ	comp=Z,2.2m,0.6s					10 35 00.1 +0.7
LPAZ	comp=Z,0.9m,0.5s,baz=333,slow=4.7,SNR=7.9					10 36 00.2 +1.3
NLU	North Lily Mtn	34.72	326	P	P	10 36 01.2 +1.3
EYMN	Ely	35.44	356	P	P	10 36 03.2 -2.5
EYMN				IaMb	IaMb	10 36 04.8
PD31	Pinedale Array	35.56	332	P	P	10 36 06.5 -0.6
PDAR	Pinedale Array	35.56	332	P	P	10 36 06.3 -0.8
PDAR	comp=Z,0.7m,0.4s,baz=133,slow=11,SNR=20					10 36 23.8 +0.3
HWUT	comp=Z,0.7m,0.6s,baz=138,slow=9.8,SNR=3.6	35.65	329	P	P	10 36 07.7 -0.1
G62A	Hardware Ranch	35.73	21	P	P	10 36 08.4 +0.2
SGU	West of Eustis	35.73	21	P	P	10 36 10.4 +0.6
SMUC	South Promont	35.89	328	P	P	10 36 10.4 +0.3
SGU	Big Grassy Mou	36.19	327	P	P	10 36 10.4 +0.3
MMTC	Minie Mine	36.20	150	P	P	10 36 14.4 +1.6
AHID	Auburn Hatcher	36.28	330	P	P	10 36 13.1 -0.1
REDW	Red Top Meadow	36.62	331	P	P	10 36 16.7 +0.6
FXWY	Fox Creek	36.91	331	P	P	10 36 19.2 +0.6
IMW	Indian Meadow	37.07	332	P	P	10 36 20.6 +0.5
IMW				IaMb	IaMb	10 36 23.3
FLWY	comp=Z,2.4m,0.5s	37.10	332	P	P	10 36 20.5 +0.3
FLWY	Flagg Ranch			IaMb	IaMb	10 36 39.7
RLMT	comp=Z,2.8m,0.8s	37.30	335	P	P	10 36 22.2 +0.4
RLMT	Red Lodge			IaMb	IaMb	10 36 24.3
NV11	comp=Z,4.1m,1.4s	37.35	319	P	P	10 36 23.6 +1.3
NV11	Minia Array Sit			IaMb	IaMb	10 36 24.1
NVAR	comp=Z,3.0m,1.1s	37.44	319	P	P	10 36 23.9 +0.8
NVAR	Minia Array Bea					10 36 41.1 +1.4
NVAR	comp=Z,1.0m,0.8s,baz=133,slow=8.8,SNR=4.3					10 42 22.2 +0.1
YNE	comp=Z,0.7m,0.7s,baz=126,slow=4.6,SNR=6.3	37.52	334	P	P	10 36 24.0 +0.2
KVN	Yellowstone No	37.52	334	P	P	10 36 25.8 +0.7
KVN	Kaisererville	37.68	320	P	P	10 36 25.9
D62A	comp=Z,2.6m,0.9s	37.86	21	P	P	10 36 25.9 -0.4
PB01	Allapoint, All	37.89	152	P	P	10 36 28.0 +1.0
YHL	IPOC Station P	37.92	333	P	P	10 36 28.3 +1.1
ULM	Hebgen Lake	38.19	352	P	P	10 36 26.5 -2.5
ULM	Lac du Bonnet					10 36 45.9 +0.2
ULM	comp=Z,2.4m,0.6s,baz=153,slow=9.1,SNR=4.8					10 36 26.5 -2.5
ULM	comp=Z,3.0m,0.4s,baz=176,slow=8.4,SNR=7.1					10 36 26.5 -2.5
ULM	comp=Z,2.4m,0.6s,baz=153,slow=9.1,SNR=4.8					10 36 26.5 -2.7
ULM	Lac du Bonnet	38.19	352	P	P	10 36 35.4
ULM				IaMb	IaMb	10 36 35.4
ULM	comp=Z,3.6m,1.2s					10 36 45.9 +0.2
ULM	Dagmar	38.35	342	P	P	10 36 45.9 +0.2
MCMT	McKenzie Canyo	38.67	331	P	P	10 36 29.9 -0.5
MCMT	Sar 73	38.73	336	P	P	10 36 34.5 +1.1
F10A	comp=Z,1.7m,0.8s,baz=317,slow=9.3,SNR=9.7	41.63	329	P	P	10 36 34.4 -0.6
PINE	Beach Ranch, E	41.63	329	P	P	10 36 57.0 -0.8
PINE	Pine Mountain	42.22	324	P	P	10 37 02.2 -0.6
E07A	comp=Z,2.0m,0.8s	43.37	328	P	P	10 37 02.6
E07A	Sunnyside			IaMb	IaMb	10 37 11.5 -0.3
C09A	comp=Z,5.9m,0.8s	43.41	330	P	P	10 37 12.5 +0.4
FFC	Chrisman Ranch	43.55	348	P	P	10 37 12.0 -0.7
FFC	Flin Flon			IaMb	IaMb	10

2d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRH Wood River Hill, YHL Hebel Lake, HDA Harding Lake, etc.

INET 02 10:44:43.5, 12:45N-87:76W, h64km, ML3.5, Near coast of Nicaragua

ICD 02 10:46:45.0-0.6, 1:47N, 121:10E, h0km, mb4.0/11, mb1.4/13, mb1mx3.8/5.0, mbtmp4.0/13, ML3.8/2, Error ellipse: s-maj=30.4km s-min=13.0km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPST Mapaga, MRSI Marisa, APSI Ampana, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNRA comp=Z,48nm,1.5s, FITZ Fitzroy Crossi, RFI Rantau Prapat, etc.

INET 02 10:50:48.7, 12:48N-87:75W, h60km, ML4.0, SNET 02 10:50:48.9-0.9, 12:49N-87:87W, h48km, 26km, ML3.4, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNCH Conchagua, LCND La Caada, JUCU Jucuarjn, etc.

ICD 02 10:55:09.3-1.2, 0:75N-127:07E, h0km, mb3.8/6, mb1.3/9.6, mb1mx3.6/4.4, mbtmp3.8/6, Error ellipse: s-maj=136.6km s-min=18.8km az=69.0

DJA 02 10:55:10.1-0.4, 1:1N, 127:12E, h10km, M3.9/7, mb5.3/2, mb4.3/5, MLV3.6/7, Mw(mb)4.7/2

NEIC 02 10:55:11.0-0.1, 0:95N-108:127E, 0:11, h12km, 8km, n22, s128/26, mb4.0/9, Halmaheera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TINTI Ternate, LBMI Labuha, KMSI Cibonong, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNCH Conchagua, BLLM Bellamira, WBO Warramunga Arr, etc.

ICD 02 11:14:39.3-0.4, 45:81S, 76:58W, h0km, mb4.7/18, mb1.4/7.19, mb1mx4.6/29, mbtmp4.6/19, ML3.4/2, MS4.8/4, Ms1.4/8.4, ms1mx4.2/17, Error ellipse: s-maj=16.8km s-min=12.2km az=95.0

VAO 02 11:14:39.4-0.4, 45:87S, 76:79W, h10km, mb5.0, MOS 02 11:14:39.0-1.0, 45:70S, 76:55W, h12km, mb5.5/35, Error ellipse: s-maj=17.1km s-min=9.9km az=89.1

GCMT 02 11:14:39.7-0.6, 155:0:04, 76:89W, 0:03, h15km, 1km, MW5.2/70, Moment Tensor Solution, s10,c15, s70,c94, Duration: 0 Moment tensor: Scale 10^19Nm, Mr=5.80, 21, Mw=0.44, 34, Mw5.76, 33, Mw=4.17, 1.66, Mw=2.27, 21, Mw=0.84, 91, Best double couple: M67, 39500, 1016 NP1=36.00000, A9=0.00000, A1=120.00000, NP2=0.134, 0.00000, 855.00000, A1=127.00000, Principal axes: T 6.5860, Plg3.0000, Azm249.0000, N 1.6210, Plg29.0000, Azm157.0000, P -8.2040, Plg60.0000, Azm345.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 02 11:14:39.7-1.5, 45:77S, 0:06, 76:6W, 0:1, h10km, 1km, mb5.3/223, Error ellipse: s-maj=17.0km s-min=10.5km az=275.0

ISC 02 11:14:42.0-0.3, 45:79S, 0:05, 76:64W, 0:07, h23km, n617, c689/629, mb5.3/130, MS4.8/6, 2C-10, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GO07 Milladeo Hill, GO09 Cerro Castillo, PLCA Paso Flores, etc.

2d 11h

2014 MAR

CCM	Cathedral Cave	84.49 348	P	P	11 27 11.5 -1.0
CCM	comp-Z,42nm,1.0s				
CCM	Cathedral Cave	84.49 348	P	P	11 27 12.8 +0.3
CCM	baz=170	84.82 360	P	P	11 27 12.3 -0.3
Q52A	Bidwell	84.52 356	P	P	11 27 12.9 -0.4
Q51A	Peebles	84.65 355	P	P	11 27 13.2 -0.1
Q51A	comp-Z,16nm,1.0s				
Q51A	Peebles	84.65 355	P	P	11 27 12.4 -1.3
Q48A	North Vernon	84.73 353	P	P	11 27 13.2 -0.5
Q49A	Aurora	84.74 354	P	P	11 27 14.4 +0.2
ANMO	Albuquerque	84.76 336	P	P	11 27 13.7 -0.5
ANMO	comp-Z,6.0nm,1.1s				
ANMO	Albuquerque	84.76 336	P	P	11 27 15.4 +1.2
OLIL	Olney	84.77 351	P	P	11 27 13.5 -0.3
SDIM	Soldier's Deli	84.82 360	P	P	11 27 14.6 +0.5
P58A	Pank, Wackersv	84.90 359	P	P	11 27 15.1 +0.6
SLM	Saint Louis	84.93 349	P	P	11 27 13.9 -0.8
SLM	comp-Z,23nm,0.9s				
SLM	Saint Louis	84.93 349	P	P	11 27 13.9 -0.8
SLM	comp-Z,23nm,0.9s				
P53A	Whipple	85.00 356	P	P	11 27 14.7 -0.4
P53A	comp-Z,29nm,1.1s				
P53A	Whipple	85.00 356	P	P	11 27 14.8 -0.2
P59A	Jarrettsville	85.02 0	P	P	11 27 15.7 +0.6
BLO	Bloomington	85.04 352	P	P	11 27 13.5 -1.7
BLO	Bloomington	85.04 352	P	P	11 27 13.5 -1.7
BLO	comp-Z,43nm,1.2s				
P51A	Williamsport	85.08 355	P	P	11 27 14.4 -1.0
P51A	comp-Z,27nm,1.3s				
P51A	Williamsport	85.08 355	P	P	11 27 15.1 -0.3
P52A	Corning	85.18 356	P	P	11 27 15.7 -0.3
P48A	Milroy	85.23 353	P	P	11 27 14.9 -1.3
P48A	comp-Z,20nm,1.1s				
P48A	Milroy	85.23 353	P	P	11 27 15.2 -1.0
P49A	Miami Univ. Ec	85.25 354	P	P	11 27 15.5 -0.7
P50A	Jamestown	85.26 354	P	P	11 27 15.7 -0.6
PSUB	Penn St. - Bra	85.34 1	P	P	11 27 16.8 +0.1
PSUB	comp-Z,30nm,1.4s				
MVL	Millersville	85.41 0	P	P	11 27 16.7 -0.3
MVL	comp-Z,32nm,1.4s				
X18A	Snowflake	85.43 333	P	P	11 27 18.3 +0.7
X18A	comp-Z,33nm,1.6s				
O58A	Lewisberry	85.53 360	P	P	11 27 18.1 +0.4
O59A	Robesonia	85.72 0	P	P	11 27 18.9 +0.3
O53A	New Philadelph	85.75 356	P	P	11 27 18.6 -0.1
X16A	Lo Mia Camp, P	85.81 332	P	P	11 27 20.6 +1.2
ACSO	Alum Creek Sta	85.83 355	P	P	11 27 18.3 -0.8
ACSO	comp-Z,28nm,1.4s				
ACSO	Alum Creek Sta	85.83 355	P	P	11 27 18.7 -0.4
W18A	Petrified Fore	85.90 333	P	P	11 27 20.3 +0.4
W18A	comp-Z,32nm,1.5s				
W18A	Petrified Fore	85.90 333	P	P	11 27 20.6 +0.7
O48A	Farmland	86.00 353	P	P	11 27 19.1 -0.9
N55A	Marion Center	86.21 358	P	P	11 27 21.2 +0.1
O44A	Mansfield	86.21 351	P	P	11 27 19.5 -1.5
O44A	comp-Z,20nm,0.9s				
N58A	Sunbury	86.24 360	P	P	11 27 21.4 +0.3
T25A	Trinidad	86.26 338	P	P	11 27 21.5 -0.2
T25A	comp-Z,35nm,1.2s				
T25A	Trinidad	86.26 338	P	P	11 27 22.9 +1.3
Y12C	Blythe	86.27 329	P	P	11 27 22.7 +1.3
N60A	Cedar Hill Far	86.29 1	P	P	11 27 21.8 +0.4
N53A	Lisbon	86.29 357	P	P	11 27 20.6 -0.8
N53A	comp-Z,38nm,1.6s				
N53A	Lisbon	86.29 357	P	P	11 27 21.8 +0.4
N59A	State Game Lan	86.33 1	P	P	11 27 21.8 +0.2
N59A	comp-Z,27nm,1.4s				
N59A	State Game Lan	86.33 1	P	P	11 27 22.5 +0.9
N50A	Nevada	86.37 355	P	P	11 27 21.5 -0.3
KSU1	Kansas State U	86.39 345	P	P	11 27 22.0 0.0
N54A	Moraine State	86.42 357	P	P	11 27 21.8 -0.2
N51A	Ashland	86.47 356	P	P	11 27 21.5 -0.8
N51A	comp-Z,26nm,1.1s				
ODNJ	Ogdensburg	86.51 2	P	P	11 27 23.0 +0.6
ODNJ	comp-Z,45nm,1.6s				
N49A	Columbus Grove	86.59 354	P	P	11 27 21.0 -1.9
N49A	comp-Z,25nm,1.5s				
N49A	Columbus Grove	86.59 354	P	P	11 27 21.4 -1.4
CBKS	Cedar Bluff	86.74 342	P	P	11 27 24.0 +0.3
CBKS	comp-Z,46nm,1.3s				
CBKS	Cedar Bluff	86.74 342	P	P	11 27 24.5 +0.8
M57A	Sunshine Farm,	86.74 360	P	P	11 27 24.1 +0.5
M60A	Port Jervis	86.75 2	P	P	11 27 24.1 +0.5
M58A	Price's Panora	86.78 0	P	P	11 27 24.0 +0.2
WUAZ	Wupatki	86.80 332	P	P	11 27 25.2 +1.0
WUAZ	comp-Z,22nm,1.2s				
WUAZ	Wupatki	86.80 332	P	P	11 27 26.0 +1.8
XPFO	Pion Flat	86.85 328	P	P	11 27 26.4 +1.9
XPFO	comp-Z,20nm,1.4s				
PFO	Pinyon Flats O	86.86 328	P	P	11 27 26.2 +1.7
PFO	Pinyon Flats O	86.86 328	P	P	11 27 25.6 +1.1
PFO	comp-Z,17nm,1.2s				
PFO	Pinyon Flats O	86.86 328	P	P	11 27 26.5 +2.0
IRM	Iron Mountain	86.86 329	P	P	11 27 26.4 +2.0
M56A	Emporium	86.90 359	P	P	11 27 24.3 -0.1
M56A	comp-Z,27nm,1.1s				
M56A	Emporium	86.90 359	P	P	11 27 25.8 +1.4
M62A	Hamden	86.91 3	P	P	11 27 24.3 -0.1
M53A	Way Miller and	86.92 357	P	P	11 27 25.3 +0.6
M59A	Waymart	86.95 1	P	P	11 27 25.3 +0.6

BELC	Belle Mtn. Jos	87.03 328	P	P	11 27 27.4 +2.0
N41A	Harden Midland	87.05 349	P	P	11 27 24.2 -0.9
SDCO	Great Sand Dun	87.12 337	P	P	11 27 26.1 +0.2
SDCO	Great Sand Dun	87.12 337	P	P	11 27 26.7 +0.8
W13A	Hualapai Mount	87.26 330	P	P	11 27 27.7 +1.1
W13A	comp-Z,22nm,1.4s				
L57A	Andrews Acres	87.40 360	P	P	11 27 27.2 +0.3
L60A	Shokan	87.42 2	P	P	11 27 27.6 +0.7
L58A	Harry Jones Me	87.45 1	P	P	11 27 27.4 +0.4
MVCO	Mesa Verde	87.46 335	P	P	11 27 28.1 +0.5
MVCO	Mesa Verde	87.46 335	P	P	11 27 30.5 +2.9
S22A	4UR Ranch, Cre	87.48 336	P	P	11 27 28.0 +0.3
S22A	comp-Z,16nm,1.1s				
S22A	4UR Ranch, Cre	87.48 336	P	P	11 27 29.0 +1.3
L56A	Greenwood	87.54 359	P	P	11 27 27.7 +0.2
L56A	Greenwood	87.54 359	P	P	11 27 28.0 +0.5
KSCO	Kaye Shedlock'	87.58 340	P	P	11 27 28.0 0.0
KSCO	comp-Z,30nm,1.3s				
KSCO	Kaye Shedlock'	87.58 340	P	P	11 27 28.9 +0.9
L55A	Hinsdale	87.60 359	P	P	11 27 28.2 +0.4
BINY	Binghamton	87.61 0	P	P	11 27 27.3 -0.5
BINY	Binghamton	87.61 0	P	P	11 27 28.3 +0.5
L59A	Walton	87.61 1	P	P	11 27 28.5 +0.7
GMRC	Granite Mounta	87.61 329	P	P	11 27 30.1 +1.9
L54A	Sinclairville	87.67 358	P	P	11 27 28.3 +0.2
MSVF	Nonsavu	87.70 247	P	P	11 27 31.1 +2.0
MSVF	comp-Z,17nm,1.2s				
WVNY	West Valley, N	87.83 359	P	P	11 27 29.1 +0.2
BFSC	Mount Baldy	87.86 327	P	P	11 27 30.5 +1.1
HEC	Hector, Ludlow	87.89 328	P	P	11 27 31.0 +1.5
U15A	North Rim	87.93 332	P	P	11 27 30.8 +0.9
K54A	Bassillo Farm,	88.03 358	P	P	11 27 29.5 -0.3
K56A	Middlesex	88.10 359	P	P	11 27 30.5 +0.3
K55A	Perry	88.14 359	P	P	11 27 31.2 +0.9
Q24A	Divide	88.17 338	P	P	11 27 32.0 +1.0
K58A	Earlville	88.17 1	P	P	11 27 30.4 -0.1
K58A	Earlville	88.17 1	P	P	11 27 30.9 +0.5
L42A	Oliver, Polo	88.18 350	P	P	11 27 29.2 -1.3
K59A	Cooperstown	88.19 1	P	P	11 27 30.5 -0.1
TUQ	Turquoise Moun	88.29 329	P	P	11 27 33.4 +2.0
L40A	Anamosa	88.43 349	P	P	11 27 30.4 -1.3
K48A	Perry	88.46 354	P	P	11 27 31.5 -0.3
GSC	Goldstone, Bar	88.49 328	P	P	11 27 34.4 +2.1
EDW2	Edwards Air Fo	88.56 327	P	P	11 27 34.0 +1.4
KNB	Kanab	88.64 332	P	P	11 27 34.1 +1.0
KNB	Kanab	88.64 332	P	P	11 27 34.1 +1.0
J52A	Paris	88.71 357	P	P	11 27 32.9 -0.1
K43A	Burlington	88.72 351	P	P	11 27 32.5 -0.6
TOO	Toolangi	88.77 212	P	P	11 27 34.1 +0.2
TOO	comp-Z,21nm,1.1s				
TOO	Toolangi	88.77 212	P	P	11 27 34.1 +0.2
LCMT	Little Creek M	88.77 331	P	P	11 27 34.0 +0.4
J57A	Williamstown	88.81 0	P	P	11 27 33.5 0.0
J57A	Williamstown	88.81 0	P	P	11 27 33.3 -0.2
SMCO	Snowmass	88.86 337	P	P	11 27 34.8 +0.5
J48A	Bridge Port	88.93 355	P	P	11 27 32.8 -1.2
J48A	Bridge Port	88.93 355	P	P	11 27 33.0 -0.9
J49A	Mariette	88.95 355	P	P	11 27 33.7 -0.4
SHPR	Sheep Range	88.97 330	P	P	11 27 36.2 +1.6
SHPR	comp-Z,21nm,1.2s				
ISCO	Idaho Springs	89.08 338	P	P	11 27 36.2 +1.0
I58A	Old Forge	89.11 1	P	P	11 27 35.2 +0.3
JFWS	Jewell Farm	89.14 350	P	P	11 27 34.3 -0.7
JFWS	Jewell Farm	89.14 350	P	P	11 27 34.3 -0.7
JFWS	Jewell Farm	89.14 350	P	P	11 27 35.2 +0.1
LSZ	Lusaka	89.18 111	P	P	11 27 37.0 +0.8
LSZ	comp-Z,30nm,1.8s				
LSZ	Lusaka	89.18 111	P	P	11 27 37.0 +0.8
SZCU	Shurtz Canyon	89.25 332	P	P	11 27 37.0 +1.0
I51A	Listowel	89.29 357	P	P	11 27 35.7 0.0
I60A	Shoreham	89.30 2	P	P	11 27 36.1 +0.4
CCUT	Cedar City	89.30 332	P	P	11 27 36.2 0.0
I57A	Carthage	89.34 1	P	P	11 27 36.2 +0.3
MTPU	Mount Pierson	89.36 333	P	P	11 27 38.2 +1.5
ISA	Isabella, Lake	89.44 327	P	P	11 27 38.9 +2.2
I49A	Point Hope	89.51 356	P	P	11 27 35.8 -0.9
I49A	Point Hope	89.51 356	P	P	11 27 36.4 -0.3
FURC	Furnace Creek,	89.55 329	P	P	11 27 38.8 +1.7
I47A	Gladwin	89.69 354	P	P	11 27 37.6 -0.7
I47A	comp-Z,19nm,1.0s				
I47A	Gladwin	89.69 354	P		

comp=Z,10nm,1.0s,baz=264,slow=2.7,SNR=29									
GYAOV ALIBECK ARRAY145.78 87	PKPbc	11 34 18.8	-0.1						
DLB T Lat 145.99 189	PKPdf	11 34 19.5	0.0						
HRA Herat 146.89 95	PKPbc	11 34 20.2	-0.3						
SEY Seymchan 147.69 320	PKPbc	11 34 22.9	-0.5						
comp=Z,22nm,1.1s,baz=250,slow=3.6,SNR=20									
SEY Seymchan 147.69 320	PKPbc	11 34 22.3	-1.2						
MA2 Magadan 148.87 314	PKPbc	11 34 28.3	+0.4						
comp=Z,9.3nm,0.8s,baz=252,slow=5.0,SNR=6.9									
UBPT Khong Chiam 149.54 184	PKPbc	11 34 29.0	-0.6						
AKTO Aktyubinsk 149.74 65	PKPbc	11 34 27.8	-1.3						
ARU Arti 150.44 53	PKPbc	11 34 30.3	-0.3						
comp=Z,11nm,1.1s,baz=250,slow=2.8,SNR=32									
ARU Arti 150.44 53	PKPbc	11 34 30.1	-0.5						
AJU Arti 150.44 53	PKPbc	11 34 30.2	-0.1						
AB31 Akbulak array 150.78 67	PKPbc	11 34 30.6	-1.0						
ABKAR Akbulak array 150.78 67	PKPbc	11 34 30.6	-1.0						
ABKAR Akbulak array 150.78 67	PKPbc	11 34 31.1	-0.5						
PKBT Sadao Pong 150.80 175	PKPbc	11 34 32.0	-0.6						
TIXI Tiksi 151.38 343	PKPbc	11 34 30.4	-1.9						
comp=Z,12nm,1.2s,baz=44,slow=3.2,SNR=15									
TIXI Tiksi 151.38 343	PKPbc	11 34 30.8	-1.5						
TIXI Tiksi 151.38 343	PKPbc	11 34 30.8	-1.5						
SVE Sverdlovsk 151.56 52	PKPbc	11 34 32.9	-0.3						
comp=Z,2.6nm,1.8s									
MJAR Matushiro Arr 152.37 263	PKPbc	11 34 34.1	-1.6						
comp=Z,6.1nm,1.2s,baz=163,slow=1.3,SNR=6.9									
MJAR Matushiro Arr 152.37 263	PKPbc	11 34 45.7	-0.3						
comp=Z,9.2nm,1.1s,baz=154,slow=3.8,SNR=6.9									
MAT Matushiro 152.38 263	PKPbc	11 34 35.4	-0.3						
CM31 Chiang Mai Arr 152.50 171	PKPbc	11 34 35.3	-0.1						
comp=Z,0.4nm,0.4s,baz=242,slow=2.5,SNR=8.1									
CMAR Chiang Mai Arr 152.50 171	PKPbc	11 34 35.5	-1.0						
comp=Z,5.6nm,1.0s,baz=220,slow=3.5,SNR=19									
CHTO Chiang Mai 152.85 171	PKPbc	11 34 29.2	-1.0						
CHTO Chiang Mai 152.85 171	PKPbc	11 34 36.8	-0.5						
CHGR Chuyangaron 153.84 94	PKPbc	11 34 30.5	-0.6						
NIL Nilore 154.02 107	PKPbc	11 34 30.9	-0.5						
NIL Nilore 154.02 107	PKPbc	11 34 37.1	-1.1						
NIL Nilore 154.02 107	PKPbc	11 34 30.9	-0.5						
GAR Garm 154.80 94	PKPbc	11 34 31.7	-0.7						
GAR Garm 154.80 94	PKPbc	11 34 56.7	+0.4						
SLVN Son La 155.60 181	PKPbc	11 34 59.2	-0.7						
BRVK Borovoye 157.44 59	PKPbc	11 34 35.0	-0.3						
BRVK Borovoye 157.44 59	PKPbc	11 34 35.0	-0.3						
BVAR Borovoye Array 157.44 59	PKPbc	11 34 35.4	+0.1						
comp=Z,1.7nm,1.0s,baz=316,slow=4.1,SNR=6.5									
KSH Kashi 158.96 98	PKPbc	11 34 37.9	+0.1						
KSH Kashi 158.96 98	PKPbc	11 38 57.8	+0.2						
KSH Kashi 158.96 98	PKPbc	11 41 42.6	+0.8						
KSH Kashi 158.96 98	PKPbc	11 45 44.5	+1.9						
comp=Z,380nm,5.1s									
KSH Kashi 158.96 98	PKPbc	11 34 38.3	+0.4						
comp=Z,1.6nm,0.8s,baz=149,slow=4.9,SNR=4.0									
AAK Ala-Archa 159.12 88	PKPbc	11 35 15.2	+0.3						
comp=Z,2.7nm,0.8s,baz=233,slow=1.1,SNR=4.3									
KMI Kunming 159.38 178	PKPbc	11 34 36.9	-1.9						
KSR5 Korea Arr 159.90 254	PKPbc	11 35 19.2	+1.1						
comp=Z,2.6nm,1.1s,baz=134,slow=7.2,SNR=4.4									
GYA Guiyang 160.53 189	PKPbc	11 34 45.7	+5.8						
GYA Guiyang 160.53 189	PKPbc	11 35 47.9	+1.8						
GYA Guiyang 160.53 189	PKPbc	11 39 35.7	+3.3						
KJR Kul'dur 160.57 290	PKPbc	11 34 37.5	-1.6						
comp=Z,1.3nm,0.8s,baz=299,slow=3.5,SNR=2.4									
NJ2 Nanjing 161.79 227	PKPbc	11 34 40.4	-0.5						
KURBB Kurchatov Arra 162.79 65	PKPbc	11 34 40.5	-0.8						
comp=Z,0.5nm,0.3s,baz=298,slow=1.4,SNR=1.4									
KURBB Kurchatov Arra 162.79 65	PKPbc	11 35 30.2	-0.2						
comp=Z,3.6nm,1.0s,baz=282,slow=5.6,SNR=9.0									
KURBB Kurchatov Arra 162.79 65	PKPbc	11 39 15.7	-0.1						
comp=Z,0.3nm,0.4s,baz=281,slow=6.0,SNR=5.6									
KURK Kurchatov 162.84 64	PKPbc	11 34 40.8	-0.5						
KURK Kurchatov 162.84 64	PKPbc	11 35 30.3	-0.4						
KURK Kurchatov 162.84 64	PKPbc	11 34 40.8	-0.5						
KURK Kurchatov 162.84 64	PKPbc	11 35 30.3	-0.4						
CD2 Chengdu 165.14 181	PKPbc	11 34 42.9	-1.3						
MKAR Makanchi Array 165.40 78	PKPbc	11 34 43.0	-0.9						
comp=Z,1.3nm,0.8s,baz=229,slow=2.2,SNR=6.3									
MKAR Makanchi Array 165.40 78	PKPbc	11 35 40.7	-1.4						
comp=Z,1.2nm,0.8s,baz=258,slow=5.8,SNR=5.8									
MKAR Makanchi Array 165.40 78	PKPbc	11 39 30.7	+0.9						
comp=Z,2.3nm,1.1s,baz=272,slow=4.2,SNR=7.2									
ZALV Zalesovo Beam 165.55 49	PKPbc	11 34 42.0	-1.7						
comp=Z,8.9nm,1.2s,baz=252,slow=3.0,SNR=1.7									
ZALV Zalesovo Beam 165.55 49	PKPbc	11 35 41.4	-1.1						
comp=Z,2.3nm,1.1s,baz=296,slow=4.6,SNR=9.0									
XAN Xi'an 167.52 202	PKPbc	11 35 56.7	+5.1						
XAN Xi'an 167.52 202	PKPbc	11 36 14.7	+1.4						
WMQ Urumqi 168.69 94	PKPbc	11 34 46.8	+0.3						
comp=Z,220nm,8.5s									
HHC Hu-ho-hao-te 172.25 233	PKPbc	11 34 49.3	+0.7						
comp=Z,1.1um,21.3s									
HHC Hu-ho-hao-te 172.25 233	PKPbc	11 34 49.3	+0.7						
comp=Z,1.1um,20.4s									
HHC Hu-ho-hao-te 172.25 233	PKPbc	11 34 49.3	+0.7						
comp=Z,1.1um,20.4s									
GTA Gaotai 173.11 156	PKPbc	11 34 48.8	-0.2						
GTA Gaotai 173.11 156	PKPbc	11 34 54.4	-1.4						
GTA Gaotai 173.11 156	PKPbc	11 34 57.5	-0.7						
TLY Talaya 174.10 358	PKPbc	11 34 48.1	-0.7						
comp=Z,0.5nm,0.4s,baz=180,slow=3.4,SNR=2.4									
TLY Talaya 174.10 358	PKPbc	11 36 21.3	+1.0						
comp=Z,1.1nm,0.6s,baz=350,slow=2.5,SNR=2.7									
TLY Talaya 174.10 358	PKPbc	11 34 46.8	-2.0						
TLY Talaya 174.10 358	PKPbc	11 36 20.8	+0.5						
TLY Talaya 174.10 358	PKPbc	11 34 46.8	-2.0						
ULN Ulanbaatar 176.72 311	PKPbc	11 34 48.0	-1.8						
ULN Ulanbaatar 176.72 311	PKPbc	11 34 48.0	-1.8						
SONM Sogino Array 177.08 316	PKPbc	11 34 48.1	-1.7						
comp=Z,1.4nm,1.1s,baz=292,slow=0.8,SNR=8.7									
SONM Sogino Array 177.08 316	PKPbc	11 36 33.2	-0.8						
comp=Z,0.9nm,1.0s,baz=124,slow=3.9,SNR=5.2									
SONM Sogino Array 177.08 316	PKPbc	11 40 27.5	+0.2						

TWZG Tauwhareparae 1.30 218	P	Pn	11 26 22.1	+0.9
TWZG Tauwhareparae 1.30 218	S	Sb	11 26 29.5	-0.2
TWZG Raukumara Rang 1.33 232	P	Pb	11 26 22.9	-0.9
ROZG Raukumara Rang 1.33 232	S	Sb	11 26 39.7	-0.8
CUNZ Carnagh Statio 1.47 205	P	Pn	11 26 24.4	+0.9
TKGZ Te Karaka 1.57 215	P	Pn	11 26 25.1	+0.2
TKGZ Te Karaka 1.57 215	S	Sb	11 26 44.8	+0.7
MMW Matawai 1.66 225	P	Pn	11 26 26.8	+0.7
MMW Matawai 1.66 225	S	Sb	11 26 42.6	-0.1
WHZ Whale Island 1.76 246	P	Pn	11 26 29.0	+1.6
WHZ Whale Island 1.76 246	S	Sb	11 26 50.9	-1.8
RIGZ Rimuhau 1.83 212	P	Pn	11 26 34.2	+0.6
RAGZ Rawiri 1.83 223	P	Pn	11 26 29.7	+1.1
RAGZ Rawiri 1.83 223	S	Sb	11 26 51.5	+0.8
URZ Urewera 1.86 233	P	Pn	11 26 29.9	+1.0
PRZ Paritua Road 1.97 206	P	Pn	11 26 30.4	-0.1
PRZ Paritua Road 1.97 206	S	Sb	11 26 32.9	+1.1
EDRZ Edgecumbe 2.03 242	P	Pn	11 26 32.9	+1.2
OPRZ Ohinepanea 2.06 250	P	Pn	11 26 32.3	+0.6
SNRZ Shannon Statio 2.09 219	P	Pn	11 26 32.3	+0.2
RTZ Ratahuna 2.16 227	P	Pn	11 26 34.3	+1.2
MUGZ Muiatia Peninsula 2.17 203	P	Pn	11 26 33.0	-0.1
MURZ Murupara 2.21 233	P	Pn	11 26 34.2	+0.6
TARZ Mount Tarawera 2.25 241	P	Pn	11 26 36.1	+1.7
TGRZ Tauranga 2.26 255	P	Pn	11 26 35.2	+0.8
OMRZ Omara 2.29 245	P	Pn	11 26 36.5	+1.6
KARZ Kaharoa 2.35 248	P	Pn	11 26 36.7	+1.0
MTWZ Matangiatiwha 2.40 242	P	Pn	11 26 37.3	+0.9
PRZ Platara Road 2.46 238	P	Pn	11 26 38.1	+1.3
HSRZ Hossack Road 2.47 241	P	Pn	11 26 39.8</	

2d 11h

SGST	Jiashian	1.76 260	↑P	Pn	11 33 34.2	+1.1
SGST	baz=257		S	Sn	11 33 55.7	+0.8
TWA	Mucha	1.77 333	P	Pb	11 33 35.3	-0.2
TWA	baz=333		S	Sb	11 33 56.1	-1.2
WGK	Gukeng	1.77 280	↑P	Pb	11 33 35.6	+0.1
WGK	baz=278		eS	Sn	11 33 56.0	+0.9
NHDH	Xindian Distri	1.78 331	eP	Pb	11 33 35.4	-0.3
NHDH	baz=331		eS	Sb	11 33 56.8	-0.8
NWF	Wu-fen Shan	1.78 340	P	Pb	11 33 34.7	-1.0
NWF	baz=352		eS	Sn	11 33 55.3	-0.2
WFSB	Wu-fen Shan	1.78 340	↑P	Pb	11 33 34.9	-0.8
WFSB	baz=352		S	Sn	11 33 55.0	-0.4
WDLH	Douliu	1.79 280	↑P	Pb	11 33 35.8	-0.1
WDLH	baz=278		eS	Sb	11 33 56.5	+0.6
CHN1	Nanshi	1.79 264	↑P	Pb	11 33 36.0	+0.1
CHN1	baz=269		S	Sb	11 33 58.0	-0.1
EAST	Anshuo	1.80 236	↑P	Pn	11 33 34.0	+0.4
EAST	baz=242		eS	Sn	11 33 54.7	-1.2
TCU	Taichung	1.80 295	eP	Pb	11 33 36.4	+0.3
TCU	baz=293		eS	Sb	11 33 58.4	+0.1
TATO	Taipei	1.81 331	↑P	Pb	11 33 35.6	-0.5
TATO	baz=319		S	Sn	11 33 56.4	+0.4
TATO	Taipei	1.81 331		Pn	11 33 35.7	-0.4
TATO	baz=319		Sn	Sn	11 33 56.7	+0.7
SSD	Sandimen	1.81 249	eP	Pn	11 33 34.6	+0.9
JJU	Ishigaki jima	1.81 58	P	Pn	11 33 34.5	+0.8
JJU	baz=242		P	Pn	11 33 55.8	-0.3
LIOB	Emei	1.82 313	↑P	Pb	11 33 36.4	0.0
LIOB	baz=312		S	Sn	11 33 57.2	+0.9
NSTT	Nanjuang	1.82 313	↑P	Pb	11 33 36.1	-0.2
NSTT	baz=312		Sn	Sn	11 33 56.7	+0.4
SNST	Tainan City	1.82 265	↑P	Pb	11 33 36.3	-0.1
SNST	baz=272		eS	Sb	11 33 58.9	+0.3
TKW	Hsinying	1.82 266	↑P	Pb	11 33 36.2	-0.2
TKW	baz=271		Sb	Sb	11 33 59.4	+0.5
WLTB	Daxi	1.83 323	eP	Pb	11 33 36.3	-0.2
WLTB	baz=314		eS	Sn	11 33 57.3	+0.9
TAP1	Taipei	1.85 332	eP	Pn	11 33 35.3	+1.0
TAP1	baz=332		eS	Pb	11 33 57.6	+0.6
TAP	Taipei	1.86 332	eP	Sn	11 33 36.2	-0.8
TAP	baz=332		eS	Sn	11 33 58.1	+0.9
MASBT	Mashibuluo	1.86 246	↑P	Pn	11 33 35.5	+1.1
MASBT	baz=240		eS	Sn	11 33 55.9	-1.4
NSY	Sanyi	1.86 303	P	Pb	11 33 37.0	-0.1
NSY	baz=302		eS	Sb	11 33 58.9	-1.0
WCHH	Zhanghua	1.88 292	eP	Pb	11 33 37.5	+0.2
WCHH	baz=299		eS	Sb	11 34 01.4	+1.0
CHY	Chiayi	1.88 273	eP	Pb	11 33 37.0	-0.3
CHY	baz=272		eS	Pb	11 34 00.3	-0.1
NMLH	Miaoli	1.91 307	eP	Pb	11 33 37.4	-0.4
NMLH	baz=295		eS	Sb	11 34 00.1	-1.2
PTSB	Yuanli	1.92 303	eP	Pb	11 33 37.9	-0.2
PTSB	baz=302		eS	Sb	11 34 00.6	-1.0
WDJ	Dajia District	1.92 300	↑P	Pb	11 33 37.8	-0.2
WDJ	baz=298		eS	Sb	11 34 00.8	-0.8
YMO1	YMO1	1.93 335	eP	Pb	11 33 36.9	-1.3
YMO1	baz=335		S	Sn	11 33 59.4	+0.4
YMO1	YMO1	1.94 335	eP	Pb	11 33 37.1	-1.3
YMO1	baz=334		S	Sn	11 33 59.5	+0.2
SGLT	Jiouru	1.94 250	eP	Pb	11 33 38.1	-0.2
SBCB	Hsinchu	1.94 316	eP	Pb	11 33 38.0	-0.5
SBCB	baz=315		eS	Sb	11 34 01.4	-0.8
YM11	YM11	1.94 335	↑P	Pb	11 33 37.1	-1.3
YM11	baz=335		eS	Sn	11 33 59.6	+0.1
YMO4	YMO4	1.94 334	eP	Pb	11 33 37.2	-1.3
YMO4	baz=334		S	Sn	11 33 59.7	+0.2
TWS1	Kuangyinshan	1.95 331	eP	Pb	11 33 37.5	-1.0
TWS1	baz=340		S	Sn	11 34 00.8	+1.3
NCUH	Zhongli	1.95 323	eP	Pb	11 33 37.7	-0.9
NCUH	baz=323		eS	Sb	11 34 01.4	-1.2
NCU	National Center	1.96 324	eP	Pb	11 33 37.6	-1.1
NCU	baz=323		eS	Sn	11 34 00.9	+1.3
YMO8	YMO8	1.96 336	eP	Pn	11 33 37.1	+1.3
YMO8	baz=336		eS	Sn	11 33 58.9	-0.8
HSN	Hsinchu	1.96 316	eP	Pb	11 33 38.1	-0.6
HSN	baz=316		S	Sb	11 34 01.9	-0.8
CHN3	Shinhua	1.96 261	eP	Pb	11 33 38.7	0.0
CHN3	baz=270		eS	Sb	11 34 04.7	+2.0
TWM1	Shoushan	1.97 254	↑P	Pb	11 33 39.7	+0.8
TWM1	baz=252		eS	Sb	11 34 04.8	+1.8
YMO3	YMO3	1.97 335	eP	Pn	11 33 37.3	+1.4
YMO3	baz=334		eS	Sn	11 34 01.0	+1.0
SSPT	Xinbi	1.97 243	eP	Pn	11 33 38.0	-1.0
ANP	Anpu	1.98 334	eP	Pb	11 33 37.4	+1.2
SCZ	Fangliu	1.98 239	eP	Pb	11 33 38.3	-0.8
ANP	baz=241		eP	Pb	11 33 38.7	-0.6
WLG	Puzi	1.99 273	↑P	Pb	11 33 38.7	-0.6
WLG	baz=271					

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WLG	baz=271		eS	Sb	11 34 02.8	-0.9
RLNB	Erin	2.00 285	eP	Pb	11 33 38.7	-0.6
RLNB	baz=275		eS	Sb	11 34 03.2	-0.5
JISG	Ishigakijimahi	2.06 55	P	Pn	11 33 37.7	+0.5
JISG	baz=275		eS	Pn	11 34 01.5	-0.8
SNJT	Kaohsiung City	2.06 252	eP	Pb	11 33 41.3	+0.8
SNJT	baz=251		eS	Sb	11 34 07.5	+1.8
CHN8	Yiju	2.07 269	eP	Pb	11 33 39.8	-0.8
CHN8	baz=267		eS	Sb	11 34 05.1	-0.9
WSF	Szhu	2.08 277	eP	Pb	11 33 39.1	-1.5
WSF	baz=275		eS	Sn	11 34 04.0	+1.4
TSEB	Hengchuen, Pin	2.08 224	eP	Pn	11 33 38.8	+1.4
TSEB	baz=224		eS	Sn	11 34 03.9	+1.3
TAI1	Yung-k'ang	2.09 261	eP	Pb	11 33 40.0	-0.9
WMLT	Mailiao	2.10 282	eP	Pb	11 33 40.0	-1.1
SCLT	Jiali	2.10 264	eP	Pb	11 33 40.2	-0.9
SCLT	baz=273		eS	Sn	11 34 05.0	+1.8
TWKBT	Hengchun	2.11 227	eP	Pn	11 33 39.3	+1.5
TWKBT	baz=217		eS	Sn	11 34 03.6	+0.2
TWK1	Hengchun	2.11 227	eP	Pn	11 33 39.6	+1.8
TWK1	baz=226		eP	Pb	11 33 39.7	-1.6
HEN	Hengchun	2.11 229	eP	Pb	11 33 39.1	-1.6
KAU	Kaohsiung	2.15 248	eP	Pb	11 33 41.4	-0.6
WSSB	Gushan	2.17 250	eP	Pb	11 33 41.8	-0.4
WSSB	baz=261		eS	Sb	11 34 08.7	0.0
WLCH	Liuqu	2.19 242	eP	Pn	11 33 42.0	-0.7
JTJ	Tarama	2.39 58	P	Pn	11 33 43.0	+1.3
JTJ	baz=295		P	Sn	11 34 11.0	+0.6
WDGT	Dungji	2.58 268	↑P	Pb	11 33 46.0	+1.6
WDGT	baz=266		S	Sn	11 34 14.1	-1.0
PHUB	P'eng-hu	2.66 273	↑P	Pn	11 33 47.1	+1.6
PHUB	baz=261		S	Sn	11 34 17.1	0.0
PNG	Penghu	2.68 274	↑P	Pn	11 33 47.4	+1.7
PNG	baz=272		eS	Sn	11 34 18.1	+0.6
VCHM	Gimay	2.80 267	eP	Pn	11 33 48.5	+1.2
VCHM	baz=265		P	Pn	11 33 50.6	+1.3
JMJ	Miyako jima 2	2.94 61	P	Sn	11 34 23.6	-0.4
JMJ	baz=62		S	Sn	11 34 23.6	-0.4
VWUC	VWUC	3.18 301	↑P	Pn	11 33 53.3	+0.7
VWUC	baz=298		eS	Sn	11 34 27.5	-2.4
PTTC	Pingtang	3.23 311	↑P	Pn	11 33 57.7	+0.5
PTTC	baz=298		eS	Sn	11 34 28.9	-2.2
PTMZ	Houxiangcun	3.47 299	↑P	Pn	11 33 57.3	+0.8
PTMZ	baz=296		eS	Sn	11 34 34.2	-2.7
MATB	Ma-tsu	3.58 321	eP	Pn	11 33 58.6	+0.6
MATB	baz=295		P	Pn	11 34 04.0	+2.5
KNM	Kimmen	3.83 286	↑P	Pn	11 34 02.7	+0.8
KNM	baz=283		P	Sn	11 34 44.1	-2.6
QZH	Quanzhou	3.86 294	↑P	Pn	11 34 03.1	+0.9
QZH	baz=284		P	Sn	11 34 44.1	-2.6
KNMB	Chin-men Tao	3.88 287	↑P	Pn	11 34 02.7	+0.7
KNMB	baz=284		P	Sn	11 34 46.1	-1.1
KNMB	Chin-men Tao	3.88 287		Pn	11 34 05.0	+0.1
KNMB	baz=284		P	Sn	11 34 05.0	+0.1
LYJJ	Jianjiangzhen	3.99 323	eP	Pn	11 34 05.0	+0.1
LYJJ	baz=281		P	Pn	11 34 06.0	+0.5
XPSB	Dashiqu	4.08 330	eP	Pn	11 34 09.7	+1.0
XPSB	baz=330		P	Pn	11 34 12.3	+0.8
MHZO	Yeshan	4.12 311	eP	Pn	11 34 12.3	+0.8
MHZO	baz=299		P	Pn	11 34 34.1	-1.0
ZPLA	Ao Xicun	4.36 278	eP	Pn	11 34 58.0	+2.4
ZPLA	baz=276		P	Pn	11 36 33.5	+2.1
ZZJH	Jiuzhen	4.55 285	↑P	Pn	11 37 15.9	+1.6
ZZJH	baz=281		P	Pn	11 37 26.4	+1.5
JOW	Kungami	6.28 56	Pn	Pn	11 37 35.7	+2.7
HKPS	Hong Kong Po S	7.76 263	Pn	Pn	11 37 41.9	-0.7
KSR5	Korea Array	14.78 17	P	P	11 39 25.2	-1.1
KSR5	baz=198,slow=1.1,SNR=8.6		P	P	11 39 25.2	-1.1
KSR5	0.3nm,0.3s,baz=198,slow=1.1,SNR=8.6		P	P	11 39 25.2	-1.1
KSR5	Korea Array	14.78 17	P	P	11 39 25.2	-1.1
KMI	Kumming	18.07 279	P	P	11 39 25.2	-1.1
KMI	baz=171,1.1s		P	P	11 39 25.2	-1.1
KMI	comp=Z,19nm,1.1s		P	P	11 39 25.2	-1.1
HHC	Hu-ho-hao-te	19.67 335	eP	Pn	11 39 25.2	-1.1
LZH	Lanzhou	20.48 312	eP	Pn	11 39 25.2	-1.1
LZH	baz=312		P	P	11 39 25.2	-1.1
LZH	comp=Z,19nm,1.1s		P	P	11 39 25.2	-1.1
LZH	Changchun	20.50 6	eP	Pn	11 39 25.2	-1.1

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res	ISC
				Op			h m s	ISC	
CNCH	Conchagua	0.80	356	eP		Pn	11 44 35.9	-0.1	
CNCH	Conchagua			eS		Sn	11 44 47.9	+0.9	
CNCH	Conchagua			IAML			11 44 51.4		
comp=Z,4µm,0.3s									
CNCH	Conchagua	0.80	356	eP		Pn	11 44 35.9	-0.1	
CNCH	Conchagua			eS		Sn	11 44 47.9	+0.9	
CNCH	Conchagua			IAML			11 44 51.4		
comp=Z,4µm,0.3s									
LCND	La Caada	0.84	352	eP		Pn	11 44 36.4	-0.1	
LCND	La Caada			eS		Sn	11 44 47.7	-0.1	
LCND	La Caada			IAML			11 44 49.8		
comp=Z,1µm,0.3s									
JUCU	Jucuarjn	0.91	329	eP		Pn	11 44 37.0	-0.4	
JUCU	Jucuarjn			eS		Sn	11 44 49.0	-0.4	
JUCU	Jucuarjn			IAML			11 44 49.0		
BLLM	Bellamira	1.07	335	eP		Pn	11 44 39.6	0.0	
BLLM	Bellamira			eS		Sn	11 44 52.5	-0.5	
BLLM	Bellamira			IAML			11 44 50.0		
LACY	Lacayo	1.08	332	eP		Pn	11 44 40.5	+0.3	
LACY	Lacayo			eS		Sn	11 44 53.9	+0.3	
LACY	Lacayo			IAML			11 44 40.0		
PACA	Pacayal	1.13	332	eP		Pn	11 44 40.5	0.0	
PACA	Pacayal			eS		Sn	11 44 55.0	+0.1	
PACA	Pacayal			IAML			11 44 55.0		
TECA	Tecapa	1.24	325	eP		Pn	11 44 42.3	+0.2	
TECA	Tecapa			eS		Sn	11 44 57.5	-0.3	
TECA	Tecapa			IAML			11 44 57.5		
FAGO	Alcalda de S	1.26	345	eP		Pn	11 44 42.3	+0.1	
FAGO	Alcalda de S			eS		Sn	11 44 42.3	+0.1	
COEG	Centro de Oper	1.57	317	eP		Pn	11 44 06.1	+0.3	
COEG	Centro de Oper			eS		Sn	11 45 09.4		
COEG	Centro de Oper			IAML			11 45 09.4		
comp=Z,374nm,0.3s									
COEG	Centro de Oper	1.57	317	eP		Pn	11 44 06.1	+0.2	
COEG	Centro de Oper			eS		Sn	11 45 06.1	+0.3	
COEG	Centro de Oper			IAML			11 45 09.4		
comp=Z,374nm,0.3s									
TGUH	Tegucigalpa,Un	1.65	17	eP		Pn	11 44 47.8	+0.2	
TGUH	Tegucigalpa,Un			eS		Sn	11 45 07.2	-0.5	
TGUH	Tegucigalpa,Un			IAML			11 44 47.8	+0.2	
LFRS	El Faro	1.70	313	eP		Pn	11 44 48.2	-0.2	
LFRS	El Faro			eS		Sn	11 45 09.0	+0.1	

IDC 02 11:52:58.2,0.9,41.38N,78.14E,h0km,mb3.67,
 mb1 3.7/13,mb1mx3.6/41,mbtmp3.6/13,ML3.4/6,Error
 ellipse: s-maj=14.0km s-min=13.1km az=109.0
 KRNET 02 11:53:00.1,0.1,41.63N,77.98E,h2km,mb4.0
 SOME 02 11:53:00.1,41.68N,77.93E,h5km,MS2.9
 BUJ 02 11:53:02.0,0.0,41.67N,78.07E,h8km,mb4.0/2,ML3.7/9
 NNC 02 11:53:02.3,1.0,41.71N,78.01E,h0km,mb4.5,mpv4.6,
 Error ellipse: s-maj=6.6km s-min=4.3km az=170.0
 ISC 02 11:53:01.5,1.2,41.73N,77.99E,0.02,h9km,ekgm,
 n95, r184/151,mb3.6/6,38C-17D,Kyrgyzstan-Xinjiang
 border region

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res	ISC
				Op			h m s	ISC	
KDJ	Kajisay	0.72	304	↑P		Pg	11 53 15.1	-0.4	
KDJ	Kajisay			↑S		Sg	11 53 25.7	+0.8	
PRZ	Przheval'sk	0.82	221	↑P		Pg	11 53 17.1	-0.1	
PRZ	Przheval'sk			↑S		Sb	11 53 29.6	+0.4	
ANVS	Anan'yevno	1.08	348	↑P		Pb	11 53 22.3	-0.2	
ANVS	Anan'yevno			↑S		Sb	11 53 38.0	+1.2	
ULHL	Ulahol	1.40	292	↑P		Pn	11 53 26.7	-0.7	
ULHL	Ulahol			↑S		Sb	11 53 45.6	-0.3	
ULHL	Ulahol			P		Pn	11 53 26.9	-0.5	
ZHN	Zhinshke	1.48	13	eP		Pg	11 53 29.5	-0.4	
ZHN	Zhinshke			eS		Sg	11 53 50.7	+1.7	
ZHN	Zhinshke			P		Pg	11 53 29.5	-0.4	
ZHN	Zhinshke			S		Sg	11 53 50.7	+1.7	
NRN	Naryn	1.52	260	↑P		Pn	11 53 27.7	-1.4	
NRN	Naryn			↑S		Sn	11 53 47.5	-1.6	
TNSS	Tian-Shan	1.52	330	eP		Pg	11 53 30.3	-0.4	
TNSS	Tian-Shan			eS		Sg	11 53 52.3	+1.9	
TNSS	Tian-Shan	1.52	330	P		Pg	11 53 30.3	-0.4	
TNSS	Tian-Shan			S		Sg	11 53 52.3	+1.9	
MDOK	Medeo	1.59	335	eP		Pg	11 53 31.8	-0.2	
MDOK	Medeo			eS		Sg	11 53 54.6	+1.9	
MDOK	Medeo	1.59	335	↑P		Pg	11 53 31.6	-0.4	
MDOK	Medeo			↑S		Sg	11 53 50.4	-0.4	
MDOK	Medeo	1.59	335	Pg		Pg	11 53 31.8	-0.2	
MDOK	Medeo			Lg		Lg	11 53 54.6		
UZB	Uzymbulak	1.61	28	eP		Pb	11 53 31.0	-0.5	
UZB	Uzymbulak			eS		Sg	11 53 53.4	0.0	
UZB	Uzymbulak	1.61	28	P		Pb	11 53 31.0	-0.5	
UZB	Uzymbulak			S		Sg	11 53 53.4	0.0	
KOTS	Kotrybulak	1.64	337	eP		Pg	11 53 32.9	0.0	
KOTS	Kotrybulak			eS		Sg	11 53 56.5	+2.3	
KOTS	Kotrybulak	1.64	337	P		Pg	11 53 32.9	0.0	
KOTS	Kotrybulak			S		Sg	11 53 56.5	+2.3	
IZV	Izvestkoviy	1.66	323	eP		Pg	11 53 32.8	-0.5	
IZV	Izvestkoviy			eS		Sg	11 53 56.5	+1.8	
IZV	Izvestkoviy	1.66	323	P		Pg	11 53 32.8	-0.5	
IZV	Izvestkoviy			S		Sg	11 53 56.5	+1.8	
KNDC	Almaty	1.67	334	↑P		Pg	11 53 33.2	-0.3	
KNDC	Almaty			↑S		Sg	11 53 56.4	+1.2	
AAA	Alma-Ata	1.68	332	eP		Pg	11 53 33.7	0.0	
AAA	Alma-Ata			eS		Sg	11 53 57.7	+2.2	
AAA	Alma-Ata	1.68	332	P		Pg	11 53 33.7	0.0	
AAA	Alma-Ata			S		Sg	11 53 57.7	+2.2	
BOOM	Boomskeye usch	1.70	297	↑P		Pb	11 53 32.2	-0.8	
BOOM	Boomskeye usch			↑S		Sb	11 53 55.1	+0.5	
KURS	Kuram	1.77	4	eP		Pg	11 53 34.6	-0.7	
KURS	Kuram			eS		Sg	11 53 59.1	+0.9	
KPKS	Kokpek	1.81	16	eP		Pg	11 53 35.6	-0.7	

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res	ISC
				Op			h m s	ISC	
KPKS	16µm,0.1s			eS		Sg	11 54 00.9	+1.1	
MTBS	Maitube	1.81	321	eP		Pb	11 53 35.3	+0.4	
MTBS	Maitube			eS		Sg	11 54 00.9	+1.1	
MTBS	Maitube	1.81	321	P		Pb	11 53 35.3	+0.4	
MTBS	Maitube			S		Sg	11 54 00.9	+1.1	
KST	Kastek	1.99	312	eP		Pb	11 53 38.5	+0.5	
KST	Kastek			eS		Sg	11 54 06.1		
KST	Kastek	1.99	312	Pg		Pg	11 53 38.5	+0.5	
KST	Kastek			Lg		Lg	11 54 06.1		
KZA	Kyzart	2.07	281	↑P		Pn	11 53 37.0	+0.2	
KZA	Kyzart			↑S		Sn	11 54 03.5	+0.6	
KZA	Kyzart	2.07	281	P		Pn	11 53 37.0	+0.2	
KZA	Kyzart			Sb		Sb	11 54 03.5	+0.6	
KTBS	Karotobe	2.21	335	eP		Pg	11 53 42.5	-1.3	
KTBS	Karotobe			eS		Sg	11 54 12.9	+0.6	
KTBS	Karotobe	2.21	335	Pg		Pg	11 53 42.5	-1.3	
KTBS	Karotobe			Lg		Lg	11 54 12.9	+0.6	
DGS	Degeres	2.23	314	eP		Pb	11 53 42.8	+0.7	
DGS	Degeres			eS		Sg	11 54 13.2	+0.1	
DGS	Degeres	2.23	314	Pg		Pb	11 53 42.8	+0.7	
DGS	Degeres			Lg		Lg	11 54 13.2		
CHKK	Chushkaly	2.25	341	eP		Pg	11 53 43.6	-1.0	
CHKK	Chushkaly			eS		Sg	11 54 14.6	+0.9	
CHKK	Chushkaly	2.25	341	Pg		Pg	11 53 43.6	-1.0	
CHKK	Chushkaly			Lg		Lg	11 54 14.6		
MNBS	Baschi	2.37	7	eP		Pg	11 53 45.6	-1.3	
MNBS	Baschi			eS		Sg	11 54 18.4	+0.8	
MNBS	Baschi	2.37	7	Pg		Pg	11 53 45.6	-1.3	
MNBS	Baschi			Lg		Lg	11 54 18.4		
KBK	Karagaybulak	2.44	293	↑P		Pn	11 53 42.1	+0.4	
KBK	Karagaybulak			↑S		Sn	11 54 12.5	+0.8	
KBK	Karagaybulak	2.44	293	P		Pb	11 53 45.7	+0.1	
KBK	Karagaybulak			eS		Sg	11 54 21.2	0.0	
KUU	Kurdy	2.48	331	eP		Pb	11 53 47.1	+0.9	
KUU	Kurdy			eS		Sg	11 54 21.2	0.0	
KUU	Kurdy	2.48	331	Pg		Pg	11 53 47.1	+0.9	
KUU	Kurdy			Lg		Lg	11 54 21.2		
ARXS	Arshary	2.49	357	eP		Pb	11 53 47.4	+1.0	
ARXS	Arshary			eS		Sg	11 54 21.2	-0.2	
ARXS	Arshary	2.49	357	Pg		Pb	11 53 47.4	+1.0	
ARXS	Arshary			Lg		Lg	11 54 21.2		
UCH	Uchtor	2.64	282	↑P		Pn	11 53 44.8	+0.2	
UCH	Uchtor			↑S		Sn	11 54 17.0	+0.1	
UCH	Uchtor	2.64	282	P		Pn	11 53 47.8	-1.4	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
MKAR	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 45 38.4	+1.1	
MAK2	comp=Z,0.7nm,0.6s,baz=173,slow=3.5,SNR=3.6					12 43 50.0	-1.0	
KK31	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 43 55.7	+0.3	
KKAR	comp=Z,6.2nm,0.9s					12 43 55.4	0.0	
SONM	comp=Z,6.2nm,0.9s					12 43 54.5	-1.4	
SONM	comp=Z,1.1nm,0.8s,baz=192,slow=9.6,SNR=5.6					12 45 40.6	+0.5	
KSRS	comp=Z,1.5nm,0.5s,baz=193,slow=3.9,SNR=8.8					12 43 57.6	+0.1	
WBO	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 44 07.5	+0.6	
WRA	comp=Z,1.9nm,0.6s,baz=302,slow=9.2,SNR=10.6					12 44 08.5	+1.3	
WRAB	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 44 08.6	+1.4	
WB2	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 44 08.5	+1.1	
WR0	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 44 09.8	+1.2	
AS31	comp=Z,4.4nm,0.6s,baz=174,slow=7.6,SNR=72					12 44 19.7	+0.8	
ASAR	comp=Z,3.1nm,0.7s,baz=298,slow=7.8,SNR=73					12 44 20.2	+1.3	
ASAR	comp=Z,0.5nm,0.6s,baz=305,slow=3.6,SNR=4.9					12 45 51.5	+1.4	
GEYT	comp=Z,4.3nm,0.6s,baz=169,slow=7.2,SNR=11					12 44 21.3	+0.8	
GYA0B	comp=Z,4.3nm,0.6s,baz=169,slow=7.2,SNR=11					12 44 20.4	-0.1	
GYA0B	comp=Z,4.3nm,0.6s,baz=169,slow=7.2,SNR=11					12 44 22.6		
CN2	comp=Z,5.8nm,0.6s					12 44 20.3	-0.5	
CN2	comp=Z,2.0nm,0.6s					12 44 25.4	0.0	
KURBB	comp=Z,4.2nm,0.6s,baz=169,slow=7.2,SNR=11					12 45 53.4	+0.7	
KURBB	comp=Z,2.0nm,0.7s,baz=153,slow=2.9,SNR=8.3					12 44 25.5	-0.4	
KURK	comp=Z,4.2nm,0.6s,baz=169,slow=7.2,SNR=11					12 44 26.7		
KURK	comp=Z,4.2nm,0.6s,baz=169,slow=7.2,SNR=11					12 44 34.5	-0.5	
HIA	comp=Z,6.9nm,0.8s					12 44 39.1	-1.3	
ZAA0	comp=Z,5.0nm,0.7s					12 44 40.6		
ZAA0	comp=Z,5.0nm,0.7s					12 44 39.7	-0.7	
ZALV	comp=Z,5.7nm,0.5s,baz=187,slow=7.7,SNR=25					12 45 59.2	-0.6	
ZALV	comp=Z,1.4nm,0.4s,baz=151,slow=4.4,SNR=3.6					12 44 47.7	+1.0	
MJAR	comp=Z,1.0nm,0.7s,baz=230,slow=4.8,SNR=5.1					12 44 48.5	-0.6	
USRK	comp=Z,5.3nm,0.6s,baz=243,slow=7.5,SNR=9.1					12 44 50.4	+0.6	
COEN	comp=Z,3.4nm,0.8s					12 44 53.1		
COEN	comp=Z,3.4nm,0.8s					12 44 59.0	-0.5	
ABRVK	comp=Z,5.0nm,0.6s,baz=173,slow=3.5,SNR=3.6					12 45 08.0	+0.4	
ABRVK	comp=Z,5.0nm,0.6s,baz=173,slow=3.5,SNR=3.6					12 45 48.5		
TBLG	comp=Z,4.7nm,0.8s					12 45 40.4	+0.2	
ARU	comp=Z,7.1nm,1.0s					12 45 47.6	-0.5	
ARU	comp=Z,7.1nm,1.0s					12 45 45.1	-0.3	
KBZ	comp=Z,2.5nm,0.8s,baz=163,slow=6.7,SNR=6.3					12 46 10.6	-1.4	
YAK	comp=Z,2.5nm,0.8s,baz=163,slow=6.7,SNR=6.3					12 46 24.8	-0.5	
NRK1	comp=Z,2.9nm,0.5s,baz=157,slow=7.3,SNR=4.8					12 46 28.5	-0.3	
BR131	comp=Z,2.5nm,0.6s,baz=140,slow=7.3,SNR=15					12 46 52.9	-3.8	
BRTR	comp=Z,2.5nm,0.6s,baz=140,slow=7.3,SNR=15					12 46 57.2		
KLMP	comp=Z,2.1nm,1.8s					12 46 57.6	-1.7	
KLMP	comp=Z,2.1nm,1.8s					12 46 58.5		
TIXI	comp=Z,6.7nm,0.6s					12 47 05.2	-0.8	
TIXI	comp=Z,3.3nm,0.5s,baz=98,slow=5.3,SNR=21					12 47 05.4	-0.6	
AKASG	comp=Z,3.9nm,0.6s					12 47 09.7	+1.0	
AKASG	comp=Z,3.9nm,0.6s					12 47 10.1	+1.1	
VRI	comp=Z,7.1nm,1.0s					12 47 10.2	+0.4	
PLOA	comp=Z,7.1nm,1.0s					12 47 11.8	+0.2	
TESR	comp=Z,7.1nm,1.0s					12 47 12.7	+1.1	
MLR	comp=Z,2.3nm,0.7s,baz=115,slow=4.8,SNR=14					12 47 13.3		
MLR	comp=Z,2.3nm,0.7s,baz=115,slow=4.8,SNR=14					12 47 12.6	0.0	
PRAR	comp=Z,7.2nm,0.6s					12 47 14.2	-0.9	
VOIR	comp=Z,7.2nm,0.6s					12 47 16.6	+0.1	
ARF	comp=Z,7.3nm,0.8s					12 47 18.1	+1.0	
BURAR	comp=Z,7.3nm,0.8s					12 47 18.1	+1.0	
BUR08	comp=Z,7.3nm,0.8s					12 47 18.1	+1.0	
BUR08	comp=Z,7.3nm,0.8s					12 47 18.1	+1.0	
LIT	comp=Z,2.9nm,0.6s					12 47 20.2	-0.7	
LIT	comp=Z,12nm,1.0s					12 47 26.8	+0.9	
DRGR	comp=Z,7.5nm,0.3s					12 47 27.0	+0.3	
LVZ	comp=Z,7.5nm,0.3s					12 47 28.2	+0.5	
TRPA	comp=Z,7.5nm,0.3s					12 47 33.5	+0.9	
SIRB	comp=Z,7.5nm,0.3s					12 47 33.5	+0.9	
CRVS	comp=Z,7.5nm,0.3s					12 47 33.5	+0.9	
FIAT	comp=Z,7.5nm,0.3s					12 47 33.5	+0.9	
FIAT	comp=Z,7.5nm,0.3s					12 47 33.5	+0.9	
FINES	comp=Z,3.1nm,0.4s,baz=108,slow=5.4,SNR=47					12 47 40.2	+0.4	
OJC	comp=Z,3.1nm,0.4s,baz=108,slow=5.4,SNR=47					12 47 41.7		
OJC	comp=Z,3.1nm,0.4s,baz=108,slow=5.4,SNR=47					12 47 41.2	+1.0	
LANS	comp=Z,7.7nm,0.6s					12 47 42.6	+0.6	
VYHS	comp=Z,7.7nm,0.6s					12 47 48.6	+1.1	
MORC	comp=Z,7.7nm,0.6s					12 47 48.4	+0.3	
ARCES	comp=Z,4.6nm,0.6s,baz=292,slow=5.7,SNR=35					12 47 48.7	+0.6	
AREO	comp=Z,4.6nm,0.6s,baz=292,slow=5.7,SNR=35					12 47 51.1	+0.7	
KRLC	comp=Z,4.6nm,0.6s,baz=292,slow=5.7,SNR=35					12 48 05.8	-0.9	
GERES	comp=Z,4.6nm,0.6s,baz=292,slow=5.7,SNR=35					12 48 01.6	+0.9	
KHC	comp=Z,8.1nm,0.5s					12 48 05.5	+4.3	
KHC	comp=Z,8.1nm,0.5s					12 48 20.9	+0.5	
KBA	comp=Z,8.1nm,0.5s					12 48 05.5	-0.1	
WATA	comp=Z,8.2nm,0.5s					12 48 07.4	-0.4	
WATA	comp=Z,8.2nm,0.5s					12 48 07.1	-0.9	
SQTA	comp=Z,1.5nm,0.6s					12 48 08.6	-0.7	
SQTA	comp=Z,1.5nm,0.6s					12 48 09.2	-0.4	
MOTA	comp=Z,5.2nm,0.8s					12 48 10.8	+0.1	
RETA	comp=Z,4.0nm,0.5s					12 48 28.3	LR	
TORD	comp=Z,3.6nm,18.2s,baz=340,slow=35					12 54 35.2	+0.7	
SCHO	comp=Z,3.6nm,18.2s,baz=340,slow=35					12 54 32.1	+1.6	
PDAR	comp=Z,0.5nm,0.8s,baz=113,slow=3.7,SNR=4.2					12 54 52.6	-0.2	
PLCA	comp=Z,0.5nm,0.8s,baz=113,slow=3.7,SNR=4.2					12 55 18.3	+0.5	
TXAR	comp=Z,0.2nm,0.9s,baz=242,slow=1.9,SNR=3.2					12 55 12.5		
TXAR	comp=Z,0.2nm,0.9s,baz=242,slow=1.9,SNR=3.2					12 55 17.9	-0.4	
CPUP	comp=Z,0.4nm,0.7s,baz=12,slow=1.1,SNR=4.3					12 55 27.6	+1.2	
CUPR	comp=Z,0.8nm,0.7s,baz=118,slow=5.1,SNR=3.3					12 55 39.0	+0.4	
CUPR	comp=Z,0.8nm,0.7s,baz=118,slow=5.1,SNR=3.3					12 55 39.9	+0.3	
WTP	comp=Z,1.5nm,0.3s,baz=118,slow=5.1,SNR=3.3					12 55 41.7	+0.4	
MLPR	comp=Z,1.5nm,0.3s,baz=118,slow=5.1,SNR=3.3					12 55 41.7	+0.3	

s-maj=73.5km s-min=20.3km az=69.0, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
KSRS	Korea Array	18.46	19	Op	ISC	12 53 09.7	+5.2	
SONM	Songino Array	29.85	34	P	P	12 54 55.3	-1.0	
MKAR	Makanchi Array	40.80	32	P	P	12 56 30.7	+0.3	
WRA	Warramunga Arr	42.12	160	P	P	12 56 41.1	-0.2	
ASAR	Alice Springs	45.90	162	P	P	12 57 08.3	-0.2	
YKA	Yellowknife Arr	86.97	22	P	P	13 01 34.5	+0.5	

SJA 02 12:51:33.6:0.6,23:49S:69:80W,h70km,4M,ML3.3, MW3.1
GUC 02 12:51:34.3:0.6,23:46S:69:79W,h68km,2M,ML2.7
ISC 02 12:51:35.4:1.4,23:48S:003:69:80W:0.04,h64km1+10km,n21,+0878/38,8C-4D,Northern Chile

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
PB15	IPOC Station P	0.40	48	iP	Pn	12 51 46.5	-0.5	
PB15	IPOC Station P	0.40	48	iP	Pn	12 51 55.5	0.0	
PB15	IPOC Station P	0.40	48	iP	Pn	12 51 46.6	-0.4	
PB15	IPOC Station P	0.40	48	iP	Pn	12 51 56.2	+0.8	
PB15	IPOC Station P	0.40	48	iP	Pn	12 51 57.2		
PB10	IPOC Station P	0.69	267	iP	Pn	12 51 49.2	-0.6	
PB10	IPOC Station P	0.69	267	iP	Pn	12 52 00.5	0.0	
PB10	IPOC Station P	0.69	267	iP	Pn	12 52 03.3		
PB10	IPOC Station P	0.69	267	iP	Pn	12 51 49.3	-0.6	
PB10	IPOC Station P	0.69	267	iP	Pn	12 52 01.0	+0.5	
PB05	IPOC Station P	0.72	329	iP	Pn	12 51 50.0	-0.3	
PB05	IPOC Station P	0.72	329	iP	Pn	12 52 01.6	+0.3	
PB05	IPOC Station P	0.72	329	iP	Pn	12 52 04.2		
PB05	IPOC Station P	0.72	329	iP	Pn	12 51 50.2	-0.1	
PB05	IPOC Station P	0.72	329	iP	Pn	12 52 02.5	+1.3	
PB06	IPOC Station P	0.80	15	iP	Pn	12 51 50.7	-0.5	
PB06	IPOC Station P	0.80	15	iP	Pn	12 52 02.4	-0.4	
PB06	IPOC Station P	0.80	15	iP	Pn	12 52 04.0		
PB04	IPOC Station P	1.18	344	iP	Pn	12 51 55.5	-0.7	
PB04	IPOC Station P	1.18	344	iP	Pn	12 52 11.4	-0.2	
PB04	IPOC Station P	1.18	344	iP	Pn	12 52 14.6		
PB04	IPOC Station P	1.18	344	iP	Pn	12 51 55.6	-0.5	
PB04	IPOC Station P	1.18	344	iP	Pn			

2d 14h

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes stations like WRA, WB2, WBS2, WRM, KSM, COEN, PSA00, LEM, AS31, ASAR, GIRL, YON, FORT, MORW, BBOO, STKA, CMAR, KSRS, HHC, SONM, TUWZ, KHZ, BKZ, URZ, WMQ, PETK, KSH, MKAR, KURK, TIXI, ABKAR, ILAR, TORO, etc.

DJA 02 13:46:27.2±0.3, 7°S, 3°12'8E, h143km, 5km, M4.2/16, mb4.5/6, mb4.2/13, MLv4.4/16, Mw(mB)3.7/6

IDC 02 13:46:27.6±1.3, 6°45S, 127.63E, h405km, 16km, mb3.2/6, mb1.3/4.12, mb1mx3.2/3.4, mbmp4.2/12, Error ellipse: s-min=18.2km s-min=9.2km az=70.0

NEIC 02 13:46:27.0±0.7, 6°56S, 0°09'127.54E, 0.08, h395km, 9km, mb4.2/15, Error ellipse: s-maj=12.9km s-min=12.0km az=168.0

ISC 02 13:46:28.1±0.5, 6°59S, 0°05'127.64E, 0.07, h408km, n59, r158/67, mb4.0/12, Banda Sea

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes stations like AAI, BNDI, NLAJ, MSAI, SAUI, SOEI, SANI, BBSI, MMRI, FAKI, EDFI, SIJI, MTN, BKSJ, BNSI, BASI, KAPI, SPSI, WBSI, KNRA, PLAI, FITZ, FITZ, FITZ, WRB, WRO, WRA, WRA, WBS2, WRO, PSA00, COEN, AS31, ASAR, KSM, PMG, FORT, FORT.

2014 MAR

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes stations like NWAOW, STKA, STKA, CMAR, SANHU, ENH, HHC, SONM, WMQ, PETK, MK31, MKAR, ZAAO, ZAAO, KURK, TORO, TORO.

IDC 02 13:55:56.1±26.0, 20°02'S, 172°80'W, h0km, mb3.8/4, mb1.3/9.4, mb1mx3.6/3.5, mbtmp3.8/4, Error ellipse: s-maj=495.2km s-min=153.7km az=75.0, Tonga Islands

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes stations like CTA, STKA, STKA, WRA.

SNET 02 14:10:50.6±1.1, 12°58'N, 87°88'W, h56km, 13km, ML3.9

JUCU 02 14:10:50.0, 12°51'N, 87°78'W, h56km, ML4.1

UCR 02 14:10:50.6±1.3, 12°57'N, 87°87'W, h58km, 14km, ML3.9

ISC 02 14:10:50.5±3.5, 12°51'N, 02°87'44W, 0.07, h52km, 24km, n57, r05/49/68, Near coast of Nicaragua

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes stations like CNCH, LCND, JUCU, BLLM, BLLM, BLLM, LCV, LCV, PACA, PACA, PACA, ALJI, ALJI, ALJI, TECA, TECA, COEB, COEB, FAGO, FAGO, FAGO, COEG, COEG, COEG, COEG, TGUH, TGUH, TGUH, LFRS, LFRS, LFRS, LFU, LFU, LFU, LFU, UES, UES, BOQS, BOQS, CEVE, CEVE, SBL, SBL, SBL, MTO3, MTO3, POLP.

MAN 02 14:16:29.0, 15°89'N, 121°57'E, h22km, mb4.5, ML3.3, MS3.1, C, Luzon

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Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes stations like POLP, LQP, BOAC, IDC, GGMT, DRLN, BATG, F64A, PQI, E63A, D62A, SJG, SDP, SCHO, ESDC, SPSA, D53A, Q56A, SADO, SADO, SKL, R50A, SDV, SDV, SDV, U49A, PTGA, PTGA, SFIN, SFIN, E43A, E43A, T47A, D41A, PLAL, S44A, RUSC, JFWS, DAVOX, DAVA, KEST, N41A, FETA, RETA, E38A, E38A, EYMN, MOTA, CCM, DBIC, DBIC, RQSA, SQT, LCAR, LCAR, WATA, CTI, WTTA, ABTA, MGMO, FCAR, FCAR, TOAO, TORO, TORO, W41B, W41B, UALR, UALR, CLL, CLL.

Table with columns: I58A, Old Forge, 34.89, 14, P, P, 15 43 41.6 -0.8. Includes stations like ACCN Adirondack Com, SADO Sawdow, G53A Halliburton, etc.

Table with columns: COLA College, 69.42 336, P, P, 15 47 57.8 -0.7. Includes stations like MCK McKinley, SUSA Susitna One, NEA Nenana, etc.

Table with columns: LTZ Lake Taylor, 24.19 205, P, P, 15 47 17.7 -0.7. Includes stations like OXZ Oxford, RPZ Rata Peaks, FOZ Fox Glacier, etc.

BGR 02 15:42:00.2, 0.0, 221.73S: 173.59W, h10km
BUI 02 15:42:01.6, 0.0, 21.22S: 174.02W, h14km, mB5.6/28,
mB5.1/39, mS5.3/19, M5.7 5.0/18
IDC 02 15:42:01.4, 0.5, 21.50S: 174.54W, h0km, m4.6/17,
m1.4 4.8/18, mb1mx4.7/26, mbtmp4.6/18, ML4.6/1, MS4.4/21,
Ms1.4/21, ms1mx4.3/39, Error ellipse: s-maj=19.2km
s-min=15.6km az=128.0
NEIC 02 15:42:01.9, 2.9, 2.1.26S: 0.07:174.08W: 0.08, h10km, 1km,
mB5.3/101, Error ellipse: s-maj=12.8km s-min=10.8km
az=311.0
MOS 02 15:42:02.0, 1.2, 21.39S: 174.27W, h16km, mB5.3/26,
MS4.8/4, Error ellipse: s-maj=10.9km s-min=10.1km
az=111.1
GCMT 02 15:42:05.9, 0.2, 21.66S: 0.02:173.78W: 0.01, h18km,
MW5.2/31, Moment Tensor Solution. s68, c99;
s131 c201. Duration: 0. Moment tensor: Scale 10^16Nm;
Mw=1.89; 18; Mw=0.91; 11; Mw=4.98; 12; Mw2.31; 29;
Mw=1.82; 24; Mw3.32; 24; Best double couple:
Mo7.05400x10^16 NP1.9; 10.400000; S28.00000;
1.77.00000. NP2.9; 29.00000; S63.00000; 1.97.00000.
Principal axes: T 7.2130, P1g72.0000, Azm314.0000; N
-0.3180, P1g6.0000; Z 1.2505, 0.0000; P -6.8940,
P1g17.0000; Azm113.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-tensor function
ISC 02 15:42:03.9, 0.3, 21.42S: 0.05:174.03W: 0.05, h25km,
n336.1/96/346, mB5.2/93, MS4.5/31, 36C, Tonga Islands

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

Table with columns: WRKA Warakurna, 52.78 254, P, P, 15 51 15.6 -1.8. Includes stations like MTRN Manton Dam, KNRA Kununurra, etc.

2d 16h

Table with columns: Station Name, Time, Frequency, Mode, and other details. Includes stations like YVI, IPOC Station P, IPOC Station P, IPOC Station P, etc.

2014 MAR

Table with columns: Station Name, Time, Frequency, Mode, and other details. Includes stations like U400 Yellville, M400 Mountain Grove, BRVU Bryant College, etc.

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Table with columns: Station Name, Time, Frequency, Mode, and other details. Includes stations like PAHR Pah Rah Range, PAHR Camas Ranch, MFID MFID, etc.

IDC 02 16:35:52.9-5.3, 6.343s-132.82E, h0km, mb3.3/1, mb1 3.2/3, mb1mx3, 1.30, mbtmp3.0/3, ML3.0/2, MS2.6/1, Ms1 2.6/1, ms1mx2.4/1.8, Error ellipse: s-maj=333.3km s-min=32.3km az=76.0, Tanimbar Islands region

JMA 02 16:42:25.7-0.3, 4.33.99N:148.12E, h0km, M3.7 SKHL 02 16:42:26.0-0.4, 4.41.41N:148.41E, h50km, mb4.3/4 ISC 02 16:42:23.3-4.4, 4.43.34N:0.10:148.6E:0.2, h55km, n16, i163:25, Kuril Islands

Table with columns: Code, Station Name, Time, Frequency, Mode, and other details. Includes stations like KUR Kuril'sk, KUR 180nm.0.4s, KUR 990nm.0.3s, etc.

INET 02 16:44:30.1, 12.42N-87.74W, h71km, ML4.1 SNET 02 16:44:36.6-1.3, 12.90N:88.00W, h43km, 14km, ML2.8, Off coast of central America

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

ATH 02 16:50:41.4, 38.64N:20.51E, h16km, 3km, ML3.1/10, Error ellipse: s-maj=3.0km s-min=0.8km az=313.0

THE 02 16:50:41.8, 38.63N:20.48E, h9km, 1km, ML3.1/16, Error ellipse: s-maj=1.9km s-min=0.5km az=284.0

ISC 02 16:50:41.7, 0.8, 38.63N:0.02, 20.50E:0.03, h12km, 5km, n47, 0.69/80, Greece

Main table of station data for the left column, including station names like Lefkada island, Kardakata, Livadi, etc.

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

SJA 02 17:03:32.9, 7.9, 45.82S:76.53W, h10km, 999km, IDC 02 17:03:40.2, 0.5, 45.82S:76.70W, h0km, mb4.5/16

NEIC 02 17:03:41.7, 1.8, 45.72S:0.05:76.6W:0.2, h10km, 1km, mb5.5/33, Mw=5.4(GCMT), Error ellipse: s-maj=19.6km

GCMT 02 17:03:42.0, 1.0, 45.81S:0.01:76.96W:0.01, h12km, MW5.4/149, Moment Tensor Solution, s101.c162

MOS 02 17:03:42.3, 1.7, 45.63S:76.47W, h17km, mb5.4/11, Error ellipse: s-maj=26.7km s-min=10.0km az=78.6

NEIC 02 17:03:43.45, 94S:77.00W, h12km, Moment Tensor Solution, Moment Tensor, Scale 107Nm, Mw=1.27

VAO 02 17:03:44.8, 1.6, 45.75S:76.54W, h10km, mb5.0, ISC 02 17:03:43.1, 0.3, 45.75S:0.06:76.18W:0.08, h10km, n233

Code Station Name Az, Phase ID, Time, Res. Includes stations like GO07, GO09, PLCA, etc.

Main table of station data for the middle column, including station names like Milladeo Hill, Cerro Castillo, Pasa Flores, etc.

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

South Pole Qui 44.50 180 P P 17 11 53.2 -1.2, comp=Z, 7.1nm, 1.6s

OTAV Otavalo 45.84 357 eP P 17 12 04.8 -1.0, comp=Z, 123nm, 1.9s

OTAV Otavalo 45.84 357 P Pmax 17 12 03.6 -2.2, comp=Z, 123nm, 2.0s

OTAV Otavalo 45.84 357 eP P 17 12 06.5 +0.6, NVL N'lazarevskaya 47.03 153 eP S 17 12 13.7 -0.3

NVL NVL 47.03 153 eS S 17 19 07.3 +2.0, comp=Z, 86nm, 1.3s

PTGA Pitinga 47.05 22 eP P 17 12 17.5 +2.7, CRUC La Cruz 47.12 359 eP P 17 12 17.6 +1.9

FLOC Florencia 47.13 1 eP P 17 12 18.8 -2.7, BBAC Balboa, Cauca 47.58 359 eP P 17 12 18.8 -0.3

SOTA Piobianco 47.68 359 eP P 17 12 19.8 -0.5, MACO Macarena, Meta 47.73 3 eP P 17 12 12.5 -7.7

GARC Garzon, Huila 47.73 1 eP P 17 12 20.4 0.0, PCON Cinco Dias 47.87 360 eP P 17 12 21.8 -0.1

POPC Popayan, Colom 48.08 359 eP P 17 12 19.9 +4.0, GRIC Gorgona, Isla 48.57 357 eP P 17 12 21.9 -0.3

OTC Ortega, Tolima 49.45 5 eP P 17 12 32.5 -0.8, VOTC Votoca, Valle 49.52 360 eP P 17 12 33.0 -0.1

PTGC Puerto Gaitan, ROSC El Rosal 50.39 2 eP P 17 12 40.9 -0.1, ROSC El Rosal 50.39 2 eP P 17 12 22.3

ROSC El Rosal 50.39 2 eP P 17 12 42.3 +1.3, ROSC El Rosal 50.39 2 eP P 17 12 42.9

comp=Z, 152nm, 1.9s, GUY2Z Guyana, Caldas 50.75 1 eP P 17 12 42.2 -1.6

CBOC Ciudad Bolivar 51.38 0 eP P 17 12 48.6 +0.4, RUSC La Rusa 51.49 4 eP P 17 12 42.1 -7.2

VNDA Vanda 51.96 194 LR 17 12 32.8, PTBC PUERTO BERRIO, 52.08 2 eP P 17 12 44.9 -8.2

DBBC Dabeiba 52.05 360 eP P 17 12 57.1 -0.5, ZARC Zaragoza, Cauca 53.01 2 eP P 17 12 57.2 +2.4

SUDC San Jos de Ur 53.26 1 eP P 17 12 52.1 -1.0, UREV Santo Domingo 54.61 7 eP P 17 13 14.4 +2.4

SYO Syowa Base 56.20 157 P P 17 13 14.4 -8.2, SYO Syowa Base 56.20 157 eK PP 17 15 20.0 -7.3

JTS Las Juntas de 56.350 LR 17 13 18.5, JTS Las Juntas de 56.350 iP P 17 13 23.3 -1.9

comp=Z, 18nm, 1.3s, TBI Tubuai 62.19 264 eS P 17 22 28.6 -1.7, TBI Tubuai 62.19 264 eS P 17 22 28.6 -1.7

MAW Mawson 62.82 164 LR 17 40 26.2, TIAR Tiarei 65.95 269 eP P 17 14 32.3 +2.8

comp=Z, 14nm, 1.2s, PPT2 Papeete 66.09 269 eS P 17 23 16.9 -2.0, PPT2 Papeete 66.09 269 eLR LR 17 34 04.5

comp=Z, 2um, 25.8s, baze=133, PPT Papeete 66.09 269 LR 17 34 58.3, RAR Rarotonga 70.75 259 LR 17 37 31.6

833A Chaparral WMA, 76.68 339 P 17 15 33.8 -0.2, baze=164, TIFTON Tifton 77.12 354 P P 17 15 36.3 0.0

baze=175, BOSA Boshof 77.41 118 P P 17 15 38.4 -0.2, comp=Z, 11nm, 1.2s, baze=239, slow=5.7, SNR=5.9

BOSA Boshof 77.41 118 P P 17 15 38.4 -0.2, HKT Hockley 77.43 343 iP P 17 15 40.6 +2.5

HKT Hockley 77.43 343 iP P 17 15 40.6 +2.5, comp=Z, 5.74nm, 18.8s, baze=227, slow=3.7, SNR=5.9

435B Jarrell 78.61 341 P P 17 15 44.7 0.0, baze=165, VBMS Vicksburg 78.69 348 P P 17 15 45.2 +0.1

TXAR Lajas Array 78.79 336 P P 17 15 44.2 -1.6, comp=Z, 1.6nm, 1.0s, baze=148, slow=7.4, SNR=11

IDC 02 16:51:18.6, 2.0, 21.65N:143.12E, h294km, 19km, mb2.8/6, s-maj=3.07, mb1mx2.744, mbtmp3.6/7, Error ellipse: s-maj=39.8km s-min=14.9km az=91.0

ISC 02 16:51:20.2, 1.2, 21.71N:0.143:1.43E:0.4, h311km, n7, s=105/8, mb2.9/6, Mariana Islands region

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

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

2d 17h

2014 MAR

U56A King baz=177	81.81 357	P	P	17 16 01.3 -0.5
W41B Gary Mavity, V W41B comp=Z,92nm,1.6s	81.85 347	P	Iamb	17 15 59.7 -2.3 17 16 08.2
W41B Gary Mavity, V baz=169,SNR=5.2	81.85 347	P	P	17 16 01.2 -0.8
U57A Blanch baz=178	81.86 357	P	P	17 16 01.4 -0.7
DBIC Dimbokro comp=Z,4.3nm,0.8s,baz=216,slow=9.6,SNR=4.8	81.94 72	P	P	17 16 03.4 +0.3
DBIC comp=Z,369nm,21.6s,baz=200,slow=32	81.94 355	P	LR	17 14 33.2
U53A Fall Branch baz=176	81.99 356	P	P	17 16 02.1 -0.5
U55A TA2, Sparta baz=177,SNR=5.7	81.99 356	P	P	17 16 02.1 -0.8
U54A Nelsons Sunny baz=175	82.05 355	P	P	17 16 03.1 -0.1
W39A Magazine baz=168,SNR=7.1	82.13 346	P	P	17 16 02.2 -1.3
WVT Waverly baz=178	82.18 351	P	P	17 16 01.4 -2.4
WVT Waverly comp=Z,127nm,1.7s	82.18 351	P	pmax	17 16 01.4 -2.4
WVT Waverly baz=172	82.18 351	P	P	17 16 02.4 -1.4
TZTN Tazewell baz=175	82.19 354	P	P	17 16 02.7 -1.1
T58A Grand View Acr baz=179	82.35 358	P	P	17 16 03.8 -0.8
T59A Double "B" Far baz=179	82.35 359	P	P	17 16 05.1 +0.4
T57A Hurt baz=178	82.42 358	P	P	17 16 05.0 0.0
T56A Rocky Mt baz=178	82.47 357	P	P	17 16 04.1 -1.2
LCAR Lake Charles comp=Z,40nm,1.4s	82.56 348	Iamb	Iamb	17 16 11.5
T54A Tazewell baz=176	82.58 356	P	P	17 16 05.9 0.0
T55A Pulaski baz=177	82.59 356	P	P	17 16 06.2 +0.2
T51A Gray baz=175	82.64 354	P	P	17 16 06.2 0.0
BLA Blackburg baz=177	82.67 357	P	P	17 16 06.7 +0.3
WMOK Wichita Mounta baz=165	82.68 341	P	P	17 16 06.3 -0.2
T52A Halle baz=176	82.71 355	P	P	17 16 05.4 -1.1
T50A Nancy baz=174	82.76 353	P	P	17 16 06.1 -0.7
T49A Edmonton baz=174,SNR=5.6	82.91 352	P	P	17 16 07.1 -0.4
MSTX Muleshoe baz=162	82.92 338	P	P	17 16 07.2 -0.7
S58A Poland Farm, P baz=178	83.00 359	P	P	17 16 08.6 +0.6
121A Cookes Peak, D comp=Z,60nm,2.0s	83.01 334	Iamb	Iamb	17 16 15.7
U40A Yellville baz=169,SNR=11	83.01 347	P	P	17 16 07.8 -0.8
S56A Natural Bridge baz=178	83.11 357	P	P	17 16 08.9 +0.3
S57A Dark Hollow, R baz=178	83.17 358	P	P	17 16 09.4 +0.5
TUL1 Leonard baz=167	83.19 344	P	P	17 16 09.3 +0.2
S53A Williamson baz=175	83.23 355	P	P	17 16 09.3 +0.1
S55A Lewisburg baz=177,SNR=6.4	83.23 357	P	P	17 16 09.8 +0.5
S51A Beattyville baz=175	83.28 354	P	P	17 16 09.7 +0.2
S52A Salyersville baz=175,SNR=6.0	83.28 354	P	P	17 16 09.8 +0.3
R58B Mineral baz=179,SNR=5.3	83.35 359	P	P	17 16 10.7 +1.0
S50A Richmond baz=174,SNR=5.5	83.38 353	P	P	17 16 08.9 -1.0
AMTX Amarillo baz=163	83.51 339	P	P	17 16 10.5 -0.3
S49A Springfield baz=174	83.56 353	P	P	17 16 10.3 -0.6
R58A Rapidan baz=179	83.69 359	P	P	17 16 12.2 +0.7
R57A Stanardsville baz=179	83.69 358	P	P	17 16 12.1 +0.5
R55A Marlinton baz=178,SNR=6.4	83.73 357	P	P	17 16 10.2 -1.6
TUC Tucson baz=157	83.78 331	P	P	17 16 12.3 0.0
MGMO Mountain Grove R56A Bull Pasture M baz=178	83.79 347 83.83 357	P P	P	17 16 09.0 -3.2 17 16 12.1 -0.2
R53A Hurricane baz=176	83.86 355	P	P	17 16 12.6 +0.2
R52A Catlettsburg baz=176	83.91 355	P	P	17 16 11.5 -1.2
R51A Hillsboro baz=175	83.94 354	P	P	17 16 10.8 -2.0
R50A Paris baz=175	83.97 354	P	P	17 16 13.0 0.0
AFI Afiamalu comp=Z,500nm,18.5s,baz=179,slow=32	84.01 256	LR	LR	17 48 21.9
R49A Shelbyville baz=174,SNR=5.4	84.05 353	P	P	17 16 12.7 -0.7
WCI Wyandotte Cave baz=173	84.09 352	P	P	17 16 12.7 -0.9
Q53A Leroy baz=176	84.37 356	P	P	17 16 14.6 -0.4
Q55A Buckhannon baz=178	84.44 357	P	P	17 16 13.7 -1.7
Q56A Snyder Ridge, baz=178	84.45 358	P	P	17 16 15.4 0.0
S39A Bolivar comp=Z,35nm,1.1s	84.48 346	Iamb	Iamb	17 16 21.4
Q52A Bidwell baz=176	84.51 355	P	P	17 16 14.4 -1.3
CCM Cathedral Cave CCM Cathedral Cave	84.52 348 84.52 348	P P	P	17 16 14.2 -1.5 17 16 14.2 -1.5
CCM comp=Z,83nm,1.3s	84.52 348	P	pmax	17 16 14.3 -1.5
Q51A Peebles baz=175	84.64 354	P	P	17 16 16.4 0.0
Q48A North Vernon baz=174	84.73 353	P	P	17 16 15.4 -1.4
Q49A Aurora baz=178	84.74 353	P	P	17 16 15.5 -1.4
ANMO Albuquerque baz=160	84.86 335	P	P	17 16 17.9 +0.1
P58A Pank, Wackersv baz=180	84.86 359	P	P	17 16 18.1 +0.7
P57A Homestead Farm baz=179	84.87 359	P	P	17 16 18.0 +0.5
P59A Jarrettsville baz=180	84.98 360	P	P	17 16 19.0 +1.0
P53A Whipple baz=177	84.98 356	P	P	17 16 18.1 0.0
P51A Williamsport baz=176	85.08 355	P	P	17 16 18.0 -0.5
P52A Corning baz=176	85.17 355	P	P	17 16 18.8 -0.2
P50A Greenville baz=181	85.18 0	P	P	17 16 20.2 +1.1
P48A Mitroy baz=174	85.23 353	P	P	17 16 17.4 -2.0
P49A Miami Univ. Ec baz=174	85.25 353	P	P	17 16 17.5 -2.0
P50A Jamestown baz=178	85.25 354	P	P	17 16 18.4 -1.1
O59A Robesonia baz=180	85.68 360	P	P	17 16 21.3 -0.2
O53A New Philadelphia baz=177	85.74 356	P	P	17 16 21.8 0.0
O50A Cable baz=175	85.78 354	P	P	17 16 19.4 -2.7
ACSO Alum Creek Sta baz=176	85.82 355	P	P	17 16 20.9 -1.3
O49A Covington baz=175	85.87 354	P	P	17 16 21.9 -0.6
GLA Glamis baz=154	85.89 328	P	P	17 16 23.7 +0.9
O48A Farmland baz=174	86.00 353	P	P	17 16 21.4 -1.8

W18A Petrified Fore baz=158	86.02 333	P	P	17 16 24.8 +1.2
N61A South Mountain baz=182	86.14 1	P	P	17 16 24.2 +0.5
N55A Marion Center baz=178	86.19 358	P	P	17 16 23.3 -0.8
T25A Trinidad baz=161	86.34 338	P	P	17 16 25.5 +0.3
N50A Nevada baz=175	86.36 355	P	P	17 16 24.9 0.0
N54A Moraine State baz=178	86.40 357	P	P	17 16 23.7 -1.4
Y12C Blythe baz=174	86.40 329	P	P	17 16 25.6 +0.3
KSU1 Kansas State U baz=166	86.44 344	P	P	17 16 24.2 -1.2
N48A Decatur baz=174	86.59 353	P	P	17 16 25.3 -0.7
BC3 Big Chuckawall baz=154	86.66 328	P	P	17 16 26.9 +0.2
N47A Urbana baz=174	86.67 353	P	P	17 16 25.3 -1.1
M57A Sunshine Farm, baz=180	86.71 359	P	P	17 16 25.0 -1.6
HDIL Hopedale baz=171	86.72 350	P	P	17 16 26.6 -0.1
M58A Price's Panora baz=180	86.74 360	P	P	17 16 27.6 +0.8
PDMCI Parker Dam,Lak baz=155	86.76 329	P	P	17 16 26.9 -0.1
CBKS Cedar Bluff baz=164	86.80 342	P	P	17 16 27.1 -0.1
M51A Elyria baz=176	86.86 355	P	P	17 16 26.7 -0.6
M55A Ridgway baz=178	86.87 358	P	P	17 16 28.1 +0.7
M56A Emporium baz=179	86.87 358	P	P	17 16 27.8 +0.3
WUAZ Wupatki baz=156	86.91 332	P	P	17 16 28.5 +0.5
IRM Iron Mountain baz=154	86.99 329	P	P	17 16 28.5 +0.2
PFO Pinyon Flats O baz=153	87.00 327	P	P	17 16 29.8 +1.5
BELC Belle Mtn. Jos baz=174	87.17 328	P	P	17 16 30.0 +0.8
SDCO Great Sand Sun baz=160	87.21 337	P	P	17 16 28.3 -1.2
MURC Murrieta baz=153	87.27 327	P	P	17 16 29.8 +0.2
L63A North Scituate baz=184	87.33 3	P	P	17 16 30.6 +1.0
NEE2 Needles Airpor baz=154	87.35 329	P	P	17 16 29.4 -0.5
L57A Andrews Acres baz=180	87.37 360	P	P	17 16 30.1 +0.3
L53A Girard baz=177	87.40 357	P	P	17 16 28.6 -1.3
L56A Greenwood baz=179	87.51 359	P	P	17 16 30.0 -0.5
ERPA Erie baz=178	87.55 357	P	P	17 16 30.9 +0.3
MVCO Mesa Verde baz=158	87.56 335	P	P	17 16 31.2 0.0
BNIN Binghamton baz=180	87.57 0	P	P	17 16 30.1 -0.7
L55A Hinsdale baz=178	87.57 358	P	P	17 16 31.1 +0.3
S22A 4UR Ranch, Cre comp=Z,60nm,1.6s	87.58 336	Iamb	Iamb	17 16 38.4
S22A 4UR Ranch, Cre baz=159	87.58 336	P	P	17 16 31.3 0.0
L50A Kingsville baz=176	87.61 355	P	P	17 16 30.2 -0.8
L54A Sinclairville baz=178	87.65 358	P	P	17 16 31.8 +0.6
KSCO Kay Shedlock' baz=182	87.66 340	P	P	17 16 31.9 +0.5
L49A Milan baz=175	87.74 354	P	P	17 16 30.9 -0.7
GMRC Granite Mounta baz=178	87.74 328	P	P	17 16 32.8 +0.9
AAM Ann Arbor baz=175	87.92 354	P	P	17 16 32.1 -0.3
K54A Basiliko Farm, baz=178	88.00 358	P	P	17 16 33.4 +0.6
K60A Five Rivers En baz=182	88.01 2	P	P	17 16 34.0 +1.2
HEC Hector,Ludlow baz=154	88.03 328	P	P	17 16 34.9 +1.6
K56A Middlesex baz=180	88.07 359	P	P	17 16 33.8 +0.6
K55A Perry baz=179	88.11 359	P	P	17 16 33.9 +0.5
K58A Earlville baz=181	88.13 0	P	P	17 16 34.4 +1.0
K51A Iona Station baz=177	88.22 356	P	P	17 16 33.6 -0.2
K52A Tillsburg baz=177	88.24 357	P	P	17 16 34.0 +0.1
Q24A Divide baz=160	88.25 338	P	P	17 16 34.5 0.0
K50A Casco baz=176	88.33 355	P	P	17 16 33.6 -0.7
K47A Vermontville baz=174	88.39 354	P	P	17 16 33.9 -0.8
K49A Clarkson baz=177	88.39 355	P	P	17 16 35.5 +0.9
TQU Turquoise Moun baz=154	88.42 329	P	P	17 16 35.9 +0.7
K48A Perry baz=175	88.45 354	P	P	17 16 34.7 -0.2
K46A Dot baz=174	88.47 353	P	P	17 16 38.2 +3.2
SCIA State Center baz=168	88.59 347	P	P	17 16 35.1 -0.5
GSC Goldstone, Bar comp=Z,55nm,1.6s	88.63 328	Iamb	Iamb	17 16 43.5
GSC Goldstone, Bar baz=153	88.63 328	P	P	17 16 36.7 +0.6
J52A Paris baz=177	88.69 357	P	P	17 16 35.3 -0.7
J57A Williamstown baz=180	88.78 0	P	P	17 16 37.4 +0.9
J48A Bridge Port baz=177	88.92 354	P	P	17 16 37.2 0.0
J47A Sumner baz=174	88.94 354	P	P	17 16 36.8 -0.4
J49A Marlette baz=175	88.94 355	P	P	17 16 35.8 -1.4
LRMC Laurel Mtn Rad baz=153	89.11 327	P	P	17 16 38.9 +0.4
ISCO Idaho Springs baz=160	89.16 338	P	P	17 16 38.6 -0.2
JFWS Jewell Farm baz=177	89.16 350	P	P	17 16 37.5 -0.8
I51A Listowel baz=177	89.27 356	P	P	17 16 38.8 0.0
I57A Carthage baz=168	89.31 0	P	P	17 16 40.0 +1.1
I52A Shelburne baz=178	89.50 357	P	P	17 16 40.3 +0.5
I55A Frankford baz=179	89.59 359	P	P	17 16 40.2 0.0
FURC Furnace Creek, baz=153	89.68 328	P	P	17 16 42.5 +1.6
I46A Reed City baz=177	89.69 353	P	P	17 16 40.5 -0.2
I48A Sherman Twp baz=175	89.80 355	P	P	17 16 40.2 -1.1
TPNV Topopah Spring baz=154	89.89 329	P	P	17 16 42.3 +0.2
H55A Tweed baz=180	89.92 359	P	P	17 16 42.0 +0.3
H53A Bobcaygeon baz=179	89.97 358	P	P	17 16 42.6 +0.6
LONY Lake Ozonia baz=160	90.00 1	P	P	17 16 42.9 +0.7
O20A White River Ci baz=158	90.00 336	P	P	17 16 43.0 -0.5
N23A Red Feather La baz=160	90.28 338	P	P	17 16 43.9 0.0
H48A Harrisville baz=175	90.29 355	P	P	17 16 43.2 -0.3
H45A Beulah baz=173	90.41 353	P	P	17 16 44.1 0.0

Table with columns: KOTS, 6.2nm, 0.1s, eS, Sg, 19 06 21.5 +0.4, etc. Includes stations like Kotyrbulak, LIT, HCY, BRY, KPRO, SRE, etc.

PRU 02 19:17.47.9.0.4, 42.12N, 21.76E, h0km
SKO 02 19:17.48.5, 42.40N, 21.71E, h15km
SOF 02 19:17.49.3, 42.40N, 21.64E, h3km, MD3.7

THE 02 19:17.53.1, 42.32N, 21.81E, h0km, 5km, ML3.3/8, Error ellipse: s-maj=8.8km s-min=1.3km az=339.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BARS Barje, SELS Selova, ZAVS Zavoje, etc.

Table with columns: PLYB Plevan, 2.34 64, Pn, 19 18 32.2 +0.8, etc. Includes stations like RZN Rozhen, MDRV Moldovita, etc.

Table with columns: comp=N, 0.7nm, 0.4s, baz=273, slow=9.3, SNR=5.1, MKAR Makanchi Array, 42.42 63, P, 19 25 47.4 -0.4, etc. Includes stations like TLY Talaya, etc.

2d 19h

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 20 37 42.2).

2014 MAR

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., KLMR, Klimovskoe, 107.68 332 eP).

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Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SFIN, Lafayette, 115.31 48 IAMS_20).

750A	Ashland	117.78	56	IAMS_20	IAMS_20	20 40 17.1			
750A	Ashland	117.78	56	P	PKPdf	19 57 37.3 -0.5			
750A	Nancy	117.83	51	P	PKPdf	19 57 37.3 -0.5			
BRTR	Keskin Array B	117.85	312	PKP	PKPdf	19 57 37.4 -0.6			
BRTR	comp=Z,1.1nm,0.7s,baz=230,slow=3.2,SNR=13					20 07 59.8 0.0			
W50A	Signal Mountai	117.88	53	P	PKPdf	19 57 37.6 -0.4			
W50A	Signal Mountai	117.88	53	P	PKPdf	19 57 37.6 -0.4			
R50A	Paris	117.91	50	P	PKPdf	19 57 37.5 -0.4			
O50A	Cable	117.94	48	P	PKPdf	19 57 37.6 -0.4			
P50A	Jamestown	117.95	48	P	PKPdf	19 57 37.5 -0.5			
L50A	Kingsville	117.96	45	P	PKPdf	19 57 37.6 -0.2			
M50A	Fremont	117.99	46	IAMS_20	IAMS_20	20 41 04.4			
M50A	Fremont	117.99	46	P	PKPdf	19 57 37.9 0.0			
S50A	Richmond	118.01	51	P	PKPdf	19 57 37.9 -0.2			
Q50A	Georgetown	118.03	49	P	PKPdf	19 57 37.4 -0.7			
N50A	Nevada	118.10	47	P	PKIKP	19 57 38.3 +0.1			
D50A	G1974 Best Tow	118.15	39	P	PKPdf	19 57 37.7 -0.4			
ACSO	Alum Creek Sta	118.38	47	IAMS_20	IAMS_20	20 41 15.9			
ACSO	Alum Creek Sta	118.38	47	P	PKPdf	19 57 38.6 -0.1			
X51A	Calhoun	118.38	54	IAMS_20	IAMS_20	20 41 39.7			
X51A	Calhoun	118.38	54	P	PKPdf	19 57 38.6 -0.3			
Z51A	Franklin	118.39	56	IAMS_20	IAMS_20	20 41 49.0			
MATQ	Malagan	118.40	36	P	PKPdf	19 57 37.6 -0.9			
451A	Vernon	118.42	59	IAMS_20	IAMS_20	20 40 35.2			
ANTO	Ankara	118.43	312	PKP	PKIKP	19 57 39.1 +0.1			
ANTO	Ankara	118.43	312	IAMS_20	IAMS_20	20 58 35.9			
CPCT	Cooper Cave	118.45	53	IAMS_20	IAMS_20	20 42 33.4			
Q51A	Peelbes	118.45	49	P	PKPdf	19 57 38.6 -0.3			
R51A	Hillsboro	118.47	50	P	PKPdf	19 57 38.1 -0.9			
D51A	Lot 18 Range I	118.47	39	P	PKPdf	19 57 38.2 -0.5			
V51A	Loudon	118.50	53	IAMS_20	IAMS_20	20 43 26.8			
V51A	Loudon	118.50	53	P	PKPdf	19 57 38.8 -0.4			
SORM	Soroca	118.52	322	PKP	PKPdf	19 57 36.4 -2.4			
P51A	Williamsport	118.54	48	IAMS_20	IAMS_20	20 39 06.2			
P51A	Williamsport	118.54	48	P	PKPdf	19 57 38.3 -0.8			
T51A	Gray	118.54	51	P	PKPdf	19 57 38.9 -0.3			
F51A	Arnstein	118.58	40	P	PKPdf	19 57 38.7 -0.3			
N51A	Ashland	118.62	47	IAMS_20	IAMS_20	20 40 21.0			
N51A	Ashland	118.62	47	P	PKPdf	19 57 39.1 -0.1			
E51A	G1948 Merrick	118.62	40	P	PKPdf	19 57 38.7 -0.3			
I51A	Listowel	118.62	43	P	PKPdf	19 57 39.0 -0.2			
M51A	Clyria	118.63	46	P	PKPdf	19 57 39.0 -0.1			
S51A	Beattyville	118.64	50	P	PKPdf	19 57 39.2 -0.2			
K51A	Iona Station	118.66	44	P	PKPdf	19 57 39.0 -0.2			
O51A	Pataksala	118.68	47	P	PKPdf	19 57 38.9 -0.5			
MILM	Milestii Mici	118.73	321	PKP	PKPdf	19 57 39.2 0.0			
HFS	Hagfors	118.83	339	PKP	PKPbc	20 07 54.3 -2.4			
1572A	Waverly Hall	118.89	56	IAMS_20	IAMS_20	20 43 49.3			
TZTN	Tazewell	118.95	52	IAMS_20	IAMS_20	20 44 46.5			
TZTN	Tazewell	118.95	52	P	PKIKP	19 57 40.1 +0.1			
TKL	Tuckaleechee C	118.99	53	IAMS_20	IAMS_20	20 43 08.8			
W52A	Murphy	119.01	53	IAMS_20	IAMS_20	20 39 49.2			
W52A	Murphy	119.01	53	P	PKPdf	19 57 40.2 0.0			
F52A	Sundridge	119.02	40	P	PKPdf	19 57 39.6 -0.2			
S52A	Salyersville	119.02	50	P	PKPdf	19 57 40.0 -0.1			
NB2	NORSAR Subarr1	119.03	341	PKP	PKPdf	19 57 38.6 -0.8			
NB2	NORSAR Subarr1	119.03	341	P	PKPdf	19 57 38.6 -0.8			
NOA	NORSAR Array B	119.03	341	PKP	PKPdf	19 57 39.1 -0.4			
NOA	comp=Z,1.8nm,0.9s,baz=234,slow=4.3,SNR=3.4					19 58 50.7 -8.6			
NOA	comp=Z,1.8nm,0.9s,baz=234,slow=4.3,SNR=3.4					20 07 56.4 +0.2			
H52A	Wyevale	119.08	42	P	PKP	19 57 39.8 -0.1			
V52A	Sevierville	119.09	52	IAMS_20	IAMS_20	20 42 00.3			
V52A	Sevierville	119.09	52	P	PKIKP	19 57 40.4 +0.1			
LSQO	Label-sur-Quev	119.10	36	P	PKPdf	19 57 39.3 -0.6			
I52A	Shelburne	119.10	43	P	PKPdf	19 57 40.0 -0.1			
N52A	McGinn's Farm	119.14	46	P	PKPdf	19 57 40.2 0.0			
M52A	Chesterland	119.15	46	IAMS_20	IAMS_20	20 47 51.0			
M52A	Chesterland	119.15	46	P	PKPdf	19 57 40.1 -0.2			
R52A	Cattlettsburg	119.17	49	P	PKPdf	19 57 40.2 -0.1			
V52A	Libburn	119.18	55	P	PKPdf	19 57 40.5 0.0			
P52A	Corning	119.18	48	P	PKPdf	19 57 39.9 -0.4			
J52A	Paris	119.19	44	P	PKIKP	19 57 40.5 +0.2			
VLD0	Val d'Or	119.23	37	IAMS_20	IAMS_20	20 53 04.5			
T52A	Hallie	119.25	51	P	PKIKP	19 57 40.7 +0.1			
E52A	Mattawa	119.25	40	P	PKPdf	19 57 39.9 -0.3			
O52A	Adamsville	119.25	47	IAMS_20	IAMS_20	20 41 22.0			
O52A	Adamsville	119.25	47	P	PKPdf	19 57 40.4 -0.0			
Q52A	Bidwell	119.28	49	P	PKPdf	19 57 40.1 -0.4			
CSS	Mathias	119.30	307	IAMS_20	IAMS_20	20 47 51.3			
D53A	Lac Vavie, Po	119.52	39	IAMS_20	IAMS_20	21 00 22.0			
D53A	Lac Vavie, Po	119.52	39	P	PKPdf	19 57 40.3 -0.4			
T53A	Wise	119.62	51	P	PKIKP	19 57 41.7 +0.3			
X53A	Estanoli	119.65	54	P	PKIKP	19 57 41.7 +0.2			
O53A	New Philadelphia	119.67	47	P	PKPdf	19 57 41.3 0.0			
M53A	WI Miller and	119.67	46	P	PKPdf	19 57 41.0 -0.2			

R53A	Hurricane	119.70	49	IAMS_20	IAMS_20	20 45 36.9			
R53A	Hurricane	119.70	49	P	PKPdf	19 57 41.2 -0.1			
G53A	Halkerton	119.73	41	P	PKPdf	19 57 41.1 -0.1			
GO05	Huala	119.74	136	IAMS_20	IAMS_20	20 36 17.7			
S53A	Williamson	119.75	50	P	PKIKP	19 57 41.9 +0.3			
V53A	Saluda	119.75	52	IAMS_20	IAMS_20	20 44 34.8			
V53A	Saluda	119.75	52	P	PKIKP	19 57 41.8 +0.1			
U53A	Fall Branch	119.76	52	P	PKIKP	19 57 41.7 +0.1			
N53A	Lisbon	119.76	46	IAMS_20	IAMS_20	20 59 10.2			
N53A	Lisbon	119.76	46	P	PKIKP	19 57 41.7 +0.2			
GOGA	Godfrey	119.76	55	P	PKPdf	19 57 41.5 -0.1			
ALGO	Algonquin Park	119.77	40	P	PKPdf	19 57 40.8 -0.4			
P53A	Whipple	119.77	48	P	PKPdf	19 57 41.5 0.0			
L53A	Girard	119.79	45	P	PKPdf	19 57 41.5 0.0			
E53A	Dumoine, Ponti	119.84	39	P	PKPdf	19 57 41.2 -0.2			
CFR	Carcauil	119.86	319	PKP	PKIKP	19 57 42.2 +0.7			
Q53A	Leroy	119.86	49	P	PKPdf	19 57 41.5 -0.2			
ERPA	Erie	119.85	45	IAMS_20	IAMS_20	20 43 49.3			
ERPA	Erie	119.85	45	P	PKIKP	19 57 41.8 +0.1			
G54A	Lake Saint Pet	119.97	40	P	PKPdf	19 57 41.4 -0.3			
H53A	Bobaygeon	119.97	42	P	PKPdf	19 57 41.5 -0.2			
TIGA	Tifton	120.08	57	P	PKIKP	19 57 43.0 +0.6			
E54A	Lac Duplat, Po	120.11	39	P	PKPdf	19 57 41.3 -0.6			
D54A	Lac Fusel, La	120.14	38	P	PKPdf	19 57 40.9 -1.0			
154A	Montrose	120.23	56	IAMS_20	IAMS_20	20 47 11.0			
O54A	Blues Knob Sta	120.29	47	P	PKIKP	19 57 42.9 +0.3			
U54A	Nelsons Funny	120.30	51	IAMS_20	IAMS_20	20 42 02.2			
U54A	Nelsons Funny	120.30	51	P	PKIKP	19 57 42.8 +0.1			
N54A	Moraine State	120.31	46	IAMS_20	IAMS_20	20 47 23.9			
N54A	Moraine State	120.31	46	P	PKPdf	19 57 42.4 -0.1			
S54A	Dingess, Beckl	120.33	50	IAMS_20	IAMS_20	20 44 49.8			
S54A	Dingess, Beckl	120.33	50	P	PKPdf	19 57 42.4 -0.3			
Q54A	Coxs Mills	120.34	48	P	PKPdf	19 57 42.4 -0.1			
BOSA	Boshof	120.34	232	PKP	PKPdf	19 57 43.1 +0.1			
BOSA	Boshof	120.34	232	PKP	PKIKP	19 57 43.3 +0.2			
BOSA	comp=Z,6.2nm,0.9s,baz=292,slow=4.3,SNR=6.4					20 07 50.3 -0.1			
BOSA	Boshof	120.34	232	PKP	PKPdf	19 57 43.1 +0.1			
T54A	Tazewell	120.34	51	P	PKPdf	19 57 42.5 -0.3			
L54A	Sinclairville	120.35	44	P	PKPdf	19 57 42.1 -0.4			
M54A	Oil Creek Stat	120.36	45	IAMS_20	IAMS_20	20 45 16.9			
M54A	Oil Creek Stat	120.36	45	P	PKPdf	19 57 42.4 -0.2			
X54A	Belton	120.38	54	P	PKIKP	19 57 43.0 +0.1			
W54A	Belton	120.39	53	P	PKIKP	19 57 43.0 +0.1			
V54A	Nebo	120.40	52	P	PKIKP	19 57 43.0 +0.1			
P54A	Burton	120.41	47	P	PKPdf	19 57 42.5 -0.2			
J54A	Appleton	120.43	43	IAMS_20	IAMS_20	20 44 38.6			
J54A	Appleton	120.43	43	P	PKPdf	19 57 42.4 -0.2			
R54A	Victor	120.46	49	P	PKPdf	19 57 42.4 -0.5			
VRI	Vrincioia	120.48	320	PKP	PKIKP	19 57 43.5 +0.7			
HODGE	Hodges	120.55	54	IAMS_20	IAMS_20	20 42 55.1			
MEDO	Medina	120.60	43	IAMS_20	IAMS_20	20 46 05.0			
K54A	Basilliko Farm,	120.64	44	P	PKPdf	19 57 42.5 -0.6			
BURAR	Bucovina Array	120.64	323	PKP	PKIKP	19 57 45.2 +2.1			
I55A	Frankford	120.71	42	P	PKPdf	19 57 42.3 -0.7			
ISP	Isparta	120.72	310	IAMS_20	IAMS_20	20 45 06.9			
JTS	Las Juntas de	120.74	82	PKP	PKPdf	19 57 44.1 +0.1			
JTS	Las Juntas de	120.74	82	IAMS_20	IAMS_20	20 51 27.8			
JTS	Las Juntas de	120.74	82	PKP	PKIKP	19 57 44.1 +0.1			
PAULI	Pauline	120.75	53	IAMS_20	IAMS_20	20 43 54.5			
WVNY	West Valley	120.78	44	IAMS_20	IAMS_20	21 00 46.8			
E55A	Montcef-Lytto	120.81	39	P	PKPdf	19 57 42.8 -0.4			
Q									

2d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like N58A Sunbury, N58B Sunbury, N58C Kingsbury, etc.

2014 MAR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like V60A Jim Taylor Roa, V60A Jim Taylor Roa, OSTC Ostas, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like F63A Nahmakanta, F63A Nahmakanta, G63A Kingsbury, etc.

2d 20h

BVAR	Borovoye Array	75.96	36	P	P	20 11 43.3	+0.8
PLCA	Paso Flores	77.83	203	P	P	20 11 53.5	+0.4
KURBB	Kurchatov Arra	81.41	34	P	P	20 12 12.2	-0.4
ZALV	Zalesovo Beam	81.93	29	P	P	20 12 16.4	+1.1
MKAR	Makanchi Array	85.84	35	P	P	20 12 35.7	+0.3
SUR	Sutherland	86.35	132	LR	LR	20 44 09.5	
SOMI	Songino Arra	94.85	22	P	P	20 13 17.2	-0.7
ASAR	Alie Springs	170.02	32	PKP	PKPdf	20 20 04.0	0.0

IDC 02:20:01:28.7-4.5, 3.07S, 148.57E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.2/43, mbtmp3.4/3, Error ellipse: s-maj=163.4km s-min=48.1km az=111.0, Bismarck Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	21.77	219	P	20 06 21.5	-0.8
ASAR	Alie Springs	24.91	213	P	20 06 54.3	+0.7
FITZ	Fitzroy Crossi	26.98	235	P	20 07 12.3	0.0
TORD	Torodi Arr	28.75	289	PKP	20 21 09.8	-0.6

NIED 02:20:11:00, 27.40N, 127.40E, h110km, Mw6.5 Best double couple: M₀=5.81000×10¹⁸ N_{P1}φ₁=14.00000°, δ₈₀.00000°, λ₋₃₃.00000°. NP₂φ₂=111.00000°, δ₅₈.00000°, λ₋₁₆₈.00000°.

TAP 02:20:11:18.4, 26.73N, 128.00E, h197km, 1km, ML7.7, C BGR 02:20:11:29.6, 0.0, 27.14N, 127.66E, h110km, m7.0, Ms6.0 MOS 02:20:11:20.5, 1.1, 27.51N, 127.35E, h110km, mb6.2/56, MS6.0/33, Error ellipse: s-maj=5.4km s-min=3.4km az=106.4

BUI 02:20:11:20.6, 0.0, 27.41N, 127.34E, h110km, Mb6.7/72, mb6.2/78

KEA 02:20:11:21.4, 0.0, 27.20N, 126.60E, h96km, mB6.3/1 JMA 02:20:11:22.9, 0.2, 27.38N, 127.40E, h116km, 3km, M6.4 JMA Felt IV J1

IDC 02:20:11:21.0, 3.2, 27.51N, 127.33E, h109km, 2km, mb5.6/66, mb1 5.6/69, mb1mx5.6/70, mbtmp5.9/69, MS5.6/37, Ms1 5.6/37, ms1mx5.4/60, Error ellipse: s-maj=6.2km s-min=4.7km az=61.0

NEIC 02:20:11:23.4, 2.0, 27.43N, 127.37E, h107km, 1km, mb6.3/45, Mw6.4/65, Mw6.5, Mw6.5(GCMT), Error ellipse: s-maj=10.8km s-min=9.8km az=95.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mr=2.58; Mw=0.10; Mw2=4.8; Mw3=2.38; Mw4=1.55; Mw5=3.24; Fault plane solution: Ms5.00000×10¹⁸ N_{P1}φ₁=14.11000°, δ₇₃.71000°, λ₋₆₁.89000°. NP₂φ₂=131.81000°, δ₃₂.16000°, λ₋₁₄₈.20000°. Principal axes: T 4.1026, Plg24.0000°, Azm83.0000°, N 1.4636, Plg27.0000°, Azm186.0000°, P -5.5663, Plg53.0000°, Azm318.0000°.

GCMT 02:20:11:25.4, 0.0, 27.34N, 127.46E, h125km, Mw6.5/173, Moment Tensor Solution. s171.c458; s173.c740; Duration: 4s3 Moment tensor: Scale 10¹⁸Nm; Mr=2.69±0.03; Mw=1.47±0.03; Mw2=4.16±0.03; Mw3=3.86±0.03; Mw4=3.28±0.02; Best double couple: Ms6.68700×10¹⁸ N_{P1}φ₁=117.00000°, δ₅₀.00000°, λ₋₁₅₅.00000°. NP₂φ₂=10.00000°, δ₇₁.00000°, λ₋₄₃.00000°. Principal axes: T 6.5480, Plg13.0000°, Azm68.0000°; N 0.2770, Plg44.0000°, Azm171.0000°; P -6.8250, Plg43.0000°, Azm325.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=30s. Triangular moment-rate function

NEIC 02:20:11:25.27, 35N, 127.46E, h128km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mr=2.79; Mw=1.46; Mw2=4.25; Mw3=2.44; Mw4=3.97; Mw5=3.40; Fault plane solution: Ms6.87000×10¹⁸ N_{P1}φ₁=117.00000°, δ₅₀.00000°, λ₋₁₅₅.00000°. NP₂φ₂=10.00000°, δ₇₁.00000°, λ₋₄₃.00000°. Principal axes: T 6.7328, Plg13.0000°, Azm68.0000°; N 0.2757, Plg44.0000°, Azm171.0000°; P -7.0086, Plg43.0000°, Azm325.0000°.

NEIC 02:20:11:26, 27.22N, 127.48E, h130km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mr=2.76; Mw=0.83; Mw2=3.58; Mw3=1.91; Mw4=3.94; Mw5=2.55; Fault plane solution: Ms6.02000×10¹⁸ N_{P1}φ₁=113.00000°, δ₅₃.00000°, λ₋₁₅.00000°. NP₂φ₂=6.00000°, δ₆₈.00000°, λ₋₄₀.00000°. Principal axes: T 6.0842, Plg9.0000°, Azm62.0000°; N -0.1327, Plg45.0000°, Azm161.0000°; P -5.9515, Plg44.0000°, Azm324.0000°.

NEIC 02:20:11:35.5, 27.44N, 127.91E, h107km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mr=3.18; Mw=1.02; Mw2=4.20; Mw3=4.11; Mw4=3.41; Fault plane solution: Ms6.91000×10¹⁸ N_{P1}φ₁=115.84000°, δ₄₉.11000°, λ₋₁₅₂.17000°. NP₂φ₂=6.77000°, δ₆₉.33000°, λ₋₄₄.40000°. Principal axes: T 6.8798, Plg12.0000°, Azm68.0000°; N 0.0563, Plg42.0000°, Azm167.0000°; P -6.9391, Plg45.0000°, Azm323.0000°.

ISC 02:20:11:22.7, 0.2, 27.42N, 127.33E, h119km, 1km, h120km, p-P, n2235, c174/2856, mb6.2/434, 135C-221D, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JIH	Iheya	0.69	124	UP	Pn	20 11 41.4 -0.4
JAGN	Aguni-jima	0.83	185	UP	Sn	20 11 55.6 -0.7
JAGN				eS	Pn	20 11 42.7 -0.4
JOW	Kunigami	1.03	125	eP	Sn	20 11 58.1 -0.4
JOW				eS	Pn	20 11 44.4 -0.6
JOW	Kunigami	1.03	125	UP	Pn	20 11 44.2 -0.7
JOW				S	Pn	20 12 00.1 -1.6
JOW	Kunigami	1.03	125	P	Pn	20 11 44.4 -0.6
JOW				S	Pn	20 12 00.3 -1.4
JYRO	Yoronjima	1.08	111	UP	Pn	20 11 44.7 -0.7
JYRO				eS	Pn	20 12 00.0 -2.5
JNTH	Nagotoyohara	1.09	145	UP	Pn	20 11 45.1 -0.5
JNTH				S	Pn	20 12 01.9 -1.0
JNTH				S	Pn	20 11 45.2 -0.5
JOKE	Okinoerabujima	1.11	93	UP	Pn	20 12 01.7 -1.4
JOKE				S	Pn	20 11 46.4 -0.3
JKE	Kume jima 2	1.20	204	P	Sn	20 12 04.4 -0.4
JKE				S	Pn	20 11 48.4 +0.1
JJT3	Tamagusuku3	1.34	162	UP	Pn	20 12 06.7 -0.9
JJT3				eS	Pn	20 11 49.5 -0.4
JTK	Tokunoshima	1.48	76	UP	Pn	20 12 09.6 -0.9
JTK				eS	Pn	20 11 53.6 -0.4
JAMN	Amaminishikomi	1.83	63	UP	Pn	20 12 16.9 -0.9
JAMN				eS	Pn	20 11 58.8 -0.3
JAM	Amami Oshima	2.24	63	UP	Pn	20 12 26.1 -1.0
JAM				eS	Pn	20 11 49.5 -0.6
JTAJ	Takarajima	2.39	43	UP	Pn	20 12 32.4 +2.0
JTAJ				eS	Pn	20 12 02.6 +0.1
JJK	Kikaisima	2.50	69	UP	Pn	20 12 33.3 +0.3
JJK				eS	Pn	20 12 10.6 -0.8
JMJ	Miyako jima 2	3.18	216	eP	S	20 12 47.6 -1.2
JMJ				S	Pn	20 12 33.6 -0.4
YOJ	Yonaguni jima	4.88	234	UP	Pn	20 13 28.4 -1.1
YOJ				eS	Pn	20 13 28.4 -1.1
YOJ	Yonaguni jima	4.88	234	Pn	Pn	20 12 33.6 -0.4
YOJ	Yonaguni jima	4.88	234	P	Pn	20 12 33.6 -0.4
YOS1	Santiao Chiao	5.37	245	UP	Pn	20 12 41.5 +1.0
YOS1				eS	Pn	20 12 42.9 +0.7
NWF	Wu-fen Shan	5.50	246	UP	Pn	20 12 44.0 +1.5
NWF				eS	Pn	20 12 44.1 +1.6
WFSB	Wu-fen Shan	5.50	246	UP	Pn	20 12 44.1 +1.6
TIPB	Shuangxi	5.51	245	UP	Pn	20 12 43.9 +1.3

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NTC	Toucheng	5.56	244	UP	Pn	20 12 44.5 +1.3
TWY	Chenhua	5.57	249	UP	Pn	20 12 45.3 +2.0
YMO8	YMO8	5.61	248	UP	Pn	20 12 45.6 +1.7
YMO8				eS	Pn	20 12 45.9 +1.6
YMO1	YMO1	5.63	248	UP	Pn	20 12 45.9 +1.6
YMO1				eS	Pn	20 12 46.2 +1.7
YMO3	YMO3	5.66	248	UP	Pn	20 12 46.2 +1.6
ANP	Anpi	5.67	248	UP	Pn	20 12 46.5 +1.7
TWC	Suao	5.67	242	P	Pn	20 12 45.5 +0.8
ILA	Ilan	5.67	243	UP	Pn	20 12 46.1 +1.4
TWA	Mucha	5.71	246	UP	Pn	20 12 46.9 +1.7
TAP1	Taipei	5.73	247	UP	Pn	20 12 47.3 +1.8
TAP	Taipei	5.74	247	UP	Pn	20 12 47.7 +2.0
TWE	Neicheng	5.76	243	UP	Pn	20 12 47.2 +1.3
NHDH	Xindian Distri	5.76	246	UP	Pn	20 12 47.8 +1.9
SLBB	Yuanshan	5.77	244	UP	Pn	20 12 46.5 +0.4
TATO	Taipei	5.79	246	UP	Pn	20 12 48.0 +1.8
TATO				eS	Pn	20 12 48.0 +1.8
TATO	Taipei	5.79	246	Pn	Pn	20 12 48.0 +1.8
TAT1	Kuangyinsshan	5.79	248	P	Pn	20 12 48.2 +1.9
ENSA	Nanau	5.85	241	UP	Pn	20 12 46.9 -0.2
NWLT	Wulai	5.86	245	UP	Pn	20 12 48.9 +1.5
ENTT	Nioudou	5.88	243	UP	Pn	20 12 48.8 +1.2
NDT	Datong Townshi	5.94	243	UP	Pn	20 12 49.6 +1.3
YHNB	Yeheng	6.01	244	UP	Pn	20 12 50.8 +1.4
YHNB	Yeheng	6.01	244	Pn	Pn	20 12 50.9 +1.5
NSK	Sanguang	6.03	244	UP	Pn	20 12 50.9 +1.4
WLTB	Daidi	6.03	246	UP	Pn	20 12 51.5 +2.0
NCU	National Centr	6.03	247	P	Pn	20 12 51.4 +1.8
NCU	Zhongli	6.04	247	UP	Pn	20 12 51.4 +1.8
JUR	Ureshino	6.09	21	UP	Pn	20 12 53.6 +3.3
NACB	Ninganchiao	6.10	239	UP	Pn	20 12 49.0 -1.5
NCSB	Datong	6.13	242	UP	Pn	20 12 51.2 +0.2
NNSH	Datong	6.13	242	UP	Pn	20 12 51.2 +0.2
NNS	Nan Shan	6.13	242	UP	Pn	20 12 51.3 +0.3
TWD	Chiawan	6.15	238	UP	Pn	20 12 49.2 -1.9
ETLH	Xiulin Townshi	6.17	240	eP	Pn	20 12 50.3 -1.2
HWA	Hwalien	6.20	238	eP	Pn	20 12 50.0 -1.9
ENLB	Shouteng	6.24	237	UP	Pn	20 12 49.3 -3.1
SBCB	Hsinchu	6.28	247	UP	Pn	20 12 54.8 +1.9
HSN	Hsinchu	6.28	247	UP	Pn	20 12 54.1 +1.2
LIOB	Emei	6.32	245	UP	Pn	20 12 55.0 +1.5
NSST	Nanjiang	6.33	245	UP	Pn	20 12 54.9 +1.2
WHF	Helluoan Shan	6.37	240	eP	Pn	20 12 53.5 -1.0
XPSS	Dashiqiu	6.38	267	UP	Pn	20 12 55.7 +1.5
TWT	Tachien	6.38	242	eP	Pn	20 12 54.8 +0.4
TDCB	Techi	6.39	242	UP	Pn	20 12 54.6 0.0
ESL	Shiin	6.42	237	UP	Pn	20 12 51.9 -2.9
JNU	Nakatsue	6.46	28	P	Pn	20 12 57.2 +1.9
JNU				S	Pn	20 14 07.7 +0.1
JNU	Nakatsue	6.46	28	P	Pn	20 12 56.1 +0.9
CHGB	Renai	6.48	240	UP	Pn	20 12 54.8 -1.1
SSE	Sheshan	6.49	306	P	Pn	20 12 58.5 +2.8
SSE				S	Pn	20 14 09.2 +0.8
SSE	comp=2.280nm,0.8s			LR	LR	
SSE	comp=N,5um,5.9s			LR	LR	
SSE	comp=E,2um,7.5s			LR	LR	
SSE	Sheshan	6.49	306	P	Pn	20 12 58.5 +2.8
EGFH	Guangtu	6.51	236	UP	Pn	20 12 53.1 -3.0
OWD	Renai	6.54	239	eP	Pn	20 12 54.9 -1.7
NMLH	Miaoili	6.55	245	UP	Pn	20 12 57.5 +0.9
WHP	Taichung City	6.55	243	UP	Pn	20 12 57.2 +0.5
HGSD	Ruisui	6.62	235	UP	Pn	20 12 54.0 -3.5
NSY	Sanyi	6.63	245	UP	Pn	20 12 58.5 +0.9
TWQ1	Liyutan	6.65	244	eP	Pn	20 12 58.1 +0.2
PTSB	Yuanli	6.66	245	eP	Pn	20 12 59.2 +1.1
WHY	WVDI	6.67	238	UP	Pn	20 12 56.7 -1.5
EHDT	Hungye	6.68	236	UP	Pn	20 12 56.8 -3.6
DPDB	Guoxing	6.69	241	UP	Pn	20 12 58.1 -0.4
MATB	Ma-tsu	6.72	261	UP	Pn	20 13 00.5 +1.7
WDJ	Dajia District	6.76	245	UP	Pn	20 12 59.9 +0.5
YULB	Yu-li	6.77	235	eP	Pn	20 12 56.1 -3.4
YULB	Yu-li	6.77	235	Pn	Pn	20 12 56.2 -3.4
SMFT	Sun Moon Lake	6.79	240	UP	Pn	20 12 56.8 -1.1
YULI	Yuli	6.79	235	eP	Pn	20 12 56.6 -3.4
SSLB	Suanguang	6.80	239	UP	Pn	20 12 58.3 -1.7
SSLB	Suanguang	6.80	239	Pn	Pn	20 12 58.4 -1.6
LYJL	Jianjiangzhen	6.81	264	UP	Pn	20 13 01.7 +1.6
TYC	Fuch	6.81	240	UP	Pn	20 12 59.1 -0.9
TCU	Taichung	6.83	243	UP	Pn	20 13 00.1 -0.2
FULT	Full	6.89	234	UP</		

KSP	comp=Z,18um,51.8s	81.26 323	P	P	S	20 23 25.6	+0.1
KSP	Ksiaz		eS			20 33 30.1	+4.1
KSP			MLR				
DAT	comp=Z,18um,51.8s	81.27 307	P	P		20 23 24.7	-1.3
DAT	Datca	81.27 307	P	P		20 23 25.4	-0.6
BODT	Bodrum	81.30 307	P	P		20 23 25.2	-0.8
BODT	Bodrum	81.30 307	P	P		20 23 25.9	-0.1
MDRV	Moldovita	81.30 316	P	P		20 23 25.7	-0.2
SIGR	SIGRI	81.31 310	P	P		20 23 25.0	-1.0
SMG	Samos	81.33 308	P	P		20 23 25.2	-1.0
BANR	Banloc	81.35 317	P	P		20 23 26.5	+0.4
RPZ	Rata Peaks	81.36 150	LR	LR		20 59 12.0	
KAVA	Kavala	81.36 312	P	P		20 23 26.1	-0.1
KMY	Karmoy	81.37 334	eP			20 23 26.2	+0.3
KMY			IvMB_BB			20 23 26.5	
KMY	comp=Z,9um,2.7s		eS			20 33 28.2	+1.4
STAV	Stavanger	81.37 333	P	S		20 23 25.4	-0.5
STAV			IvMB_BB			20 23 26.4	
STAV			eS			20 33 26.8	-0.1
STAV			IVMS_BB	IVMS_BB		21 02 53.0	
KRLC	comp=Z,4um,18.9s		eS			20 33 26.2	-0.2
KRLC	Kraliky	81.41 322	eP	P		20 23 26.2	-0.2
KRLC			ex			20 23 26.2	
KRLC			eP			20 26 32.2	-1.2
KRLC			eSKS			20 33 32.5	+4.7
KRLC			AMS			21 03 30.0	
KRLC	comp=Z,8um,13.9s		eP			20 23 26.2	-0.2
KRLC	Kraliky	81.41 322	eP	P		20 23 26.2	-0.2
KRLC			e			20 26 32.2	
KRLC			e			20 33 32.5	
VTS	comp=Z,8um,13.9s		eP			20 23 27.4	+0.8
VTS	Vitosha	81.41 314	P	P		20 23 27.2	+0.5
VTS	Vitosha	81.41 314	P	P		20 23 27.5	+0.8
VTS	Vitosha	81.41 314	P	P		20 23 27.7	+1.0
VTS	Vitosha	81.41 314	P	P		20 23 27.7	+1.0
VTS			pmax			20 23 27.7	+1.0
THAS	comp=Z,3um,2.1s		P			20 23 25.5	-1.0
PGC	Thassos island	81.41 311	P	P		20 23 28.5	+2.0
LA	Limnos Island	81.44 310	P	P		20 23 27.2	+0.6
OSTC	Ostias	81.45 323	eP	P		20 26 28.8	-4.9
OSTC			ePP			20 33 26.9	-1.3
OSTC			eSKS			21 02 00.0	
OSTC			AMS			20 23 26.2	-0.3
MUD	comp=Z,6um,15.9s		P	P		20 23 26.2	-0.3
MUD	Monsted Ugrnd	81.48 330	P	P		20 23 26.2	-0.3
MUD	comp=Z,390nm,1.0s		P	P		20 23 26.2	-0.3
MUD	Monsted Ugrnd	81.48 330	P	P		20 23 26.2	-0.3
MUD			pmax			20 23 26.2	-0.3
MUD	comp=Z,390nm,1.0s		P	P		20 23 26.2	-0.3
MUD	Dobruska-Polom	81.51 323	eP			20 23 27.2	+0.3
DPC	DPC		ex			20 23 49.2	+0.9
DPC	DPC		eP			20 26 28.2	-6.0
DPC	DPC		eSKS			20 33 25.1	-3.7
DPC	DPC		AMS			21 03 20.0	
DPC	comp=Z,7um,17.4s		eP			20 23 27.2	+0.3
DPC	Dobruska-Polom	81.51 323	eP	P		20 23 27.2	+0.3
DPC			MLR			20 33 25.1	
KHZ	comp=Z,7um,17.4s		P			20 23 26.3	-0.4
CHVC	Kahutara	81.51 147	P	P		20 23 27.1	+0.1
CHVC	Chvaice	81.52 323	eP	P		20 23 26.2	-3.8
CHVC			ePP			20 33 26.0	-2.9
CHVC			eSKS			21 05 50.0	
CHVC			AMS			20 23 26.8	-0.7
CHOS	Chios island	81.56 309	P	P		20 23 26.8	-0.7
JAVC	Velka Javorina	81.57 321	P	S		20 33 38.4	+8.9
JAVC	Velka Javorina	81.57 321	P	S		20 33 38.4	+8.9
UPC	Udice	81.59 323	eP	P		20 26 25.0	-10
UPC			ePP			20 33 27.2	-2.3
UPC			eS			21 04 10.0	
UPC	comp=Z,7um,16.1s		eP			20 23 28.0	+0.7
UPC	Udice	81.59 323	eP	P		20 23 27.2	
UPC			MLR			20 23 27.2	
UPC			MLR			20 23 27.5	0.0
MMB	Musomiste	81.59 313	iP	P		20 23 27.6	+0.2
NVR	Neurokopi	81.62 312	P	P		20 23 27.6	+0.2
RUE	Ruedersdorf	81.65 325	eP	P		20 23 27.7	+0.2
RUE	Ruedersdorf	81.65 325	eP	P		20 23 27.7	+0.2
GVZ	Greta Valley S	81.69 148	P	P		20 23 28.1	+0.4
SRO	Srobarova	81.77 320	eP	P		20 23 29.5	+1.3
SRO			pmax			20 23 29.5	+1.3
SRO	comp=Z,135nm,1.2s		eP	P		20 23 29.5	+1.3
SRO	Srobarova	81.77 320	eP	P		20 23 30.1	+1.7
A04D	Lumli Island	81.82 39	P	P		20 23 29.2	+0.2
KKB	Krupnik	81.88 313	iP	P		20 23 29.6	+0.7
SMOL	Smolenice	81.89 321	eP	P		20 23 29.6	+0.7
SMOL			pmax			20 23 29.6	+0.7
SMOL	comp=Z,502nm,1.6s		eP	P		20 23 29.6	+0.7
SMOL	Smolenice	81.89 321	eP	P		20 33 39.8	+7.1
SRAS	Serrai	81.91 312	eP	P		20 23 28.1	-1.1
VRAC	Vranov	81.93 322	P	P		20 23 29.1	+0.3
VRAC	Vranov	81.93 322	P	P		20 23 29.7	+0.6
VRAC	Vranov	81.93 322	P	P		20 23 29.1	0.0
VRAC	Vranov	81.93 322	eS			20 33 37.8	+4.7
OUR	Ouranopolis	82.04 311	P	P		20 23 29.0	-0.8
MODS	Modra-Piesok	82.05 321	eP	P		20 23 29.2	-0.6
MODS			pmax			20 23 29.2	-0.6
MODS	comp=Z,694nm,1.4s		eP	P		20 23 29.2	-0.6
MODS	Modra-Piesok	82.05 321	eP	P		20 33 38.7	+4.3
KARP	Karpathos	82.11 306	P	P		20 23 29.7	-0.7
KARP	Karpathos	82.11 306	P	P		20 23 30.9	+0.5
KRUC	Krovsky	82.17 322	P	P		20 23 29.5	-0.9
KRUC	Krovsky	82.17 322	eS			20 33 39.7	+4.2
SOH	Sokhos	82.22 312	P	P		20 23 30.0	-0.8
ODZ	Olthau Downs	82.22 151	P	P		20 23 31.2	+0.9
D03D	Eldon	82.24 40	P	P		20 23 32.6	+1.9
ZST	Bratislava	82.25 321	eP	P		20 23 30.7	-0.1
ZST			eS			20 33 40.0	+3.7
ZST	Bratislava	82.25 321	eP	P		20 23 30.7	-0.1
FRGS	Fruska Gora	82.27 317	eP	P		20 23 32.0	+0.8
PVCC	Panska Ves	82.34 324	eP	P		20 23 32.0	+0.8
PVCC			ex			20 23 41.6	
PVCC			xP			20 26 28.1	-1.3
PVCC			ePP			20 33 34.6	-2.6
PVCC			eS			21 06 30.0	
PVCC	comp=Z,8um,17.0s		eP			20 23 32.0	+0.8
PVCC	Panska Ves	82.34 324	eP	P		20 33 34.6	
PVCC			MLR			20 23 30.7	-0.1
PVCC			MLR			20 23 30.7	-0.1
KNT	comp=Z,8um,17.0s		eP			20 23 30.2	-1.2
B05A	Kendrikon	82.35 312	P	P		20 23 32.9	+1.4
B05A	Bryant	82.41 39	P	P		20 23 31.8	-0.1
PAIG	Paliouri	82.44 311	P	P		20 23 30.9	-1.0
BRG	Berggiesshubel	82.48 324	iP	P		20 23 31.8	-0.1
BRG	comp=Z,634nm,1.3s		PP			20 26 33.0	-9.0
BRG			S			20 33 41.0	+2.4
BRG			eS			20 38 52.0	-9.2
BRG			ePKPK			20 41 57.3	-0.2
BRG	comp=Z,9.4nm,1.3s		eP			20 49 57.1	-6.8
BRG	comp=Z,18nm,1.8s		eP			20 23 31.7	-0.2
BRG	Berggiesshubel	82.48 324	iP	P		20 23 31.8	-0.1
BRG	comp=Z,632nm,1.3s,baz=53,slow=5.0		eP			20 33 41.0	+2.4
BRG	Berggiesshubel	82.48 324	iP	P		20 33 41.0	+2.4
BRG			S			20 33 41.0	+2.4
BRG	comp=Z,634nm,1.3s		pmax			20 23 37.9	+0.1
BRG	comp=Z,9.0nm,1.3s		pmax			20 23 37.9	+0.1
BRG	comp=Z,18nm,1.8s		pmax			20 23 37.9	+0.1
BRG	comp=Z,18nm,1.8s		MLR			20 23 37.9	+0.1

BRG	comp=N,7um,26.7s		MLR	MLR			
BRG	comp=E,9um,20.3s		MLR	MLR			
VAY	comp=Z,6um,23.1s		P	P		20 23 31.8	-0.3
BSEB	Valandovo	82.48 313	iP	P		20 23 31.9	+0.1
BSEB	Bad Segeberg	82.49 328	eP	P		20 23 36.8	
H03A	Lebam	82.49 41	Iamb	Iamb		20 23 30.4	-1.9
H03A	comp=Z,266nm,0.9s		P	P		20 23 32.4	+0.1
EORT	Horiatias	82.50 312	P	P		20 23 42.6	
TREC	Trest	82.54 322	eP	P		20 26 30.8	-1.2
TREC			ex			21 03 10.0	
TREC			eP			20 23 32.4	+0.1
TREC			eS			20 33 35.2	
TREC	comp=Z,9um,17.4s		eP			20 23 32.4	+0.1
TREC	Trest	82.54 322	eP	P		20 23 35.2	
TREC			MLR			20 23 33.3	+0.8
TREC	comp=Z,9um,17.4s		P	P		20 23 33.3	+0.8
THE	Thessaloniki	82.57 312	P	P		20 23 45.0	
GO	GO Pecny, Ondr	82.57 323	eP	P		20 26 37.0	-5.9
GO			eS			20 33 40.0	+3.3
GO			eSKS			21 04 50.0	
GO			AMS			20 23 33.3	+0.8
GO	comp=Z,10um,16.1s		eP			20 33 43.3	+0.8
GO	GO Pecny, Ondr	82.57 323	eP	P		20 23 33.3	+0.8
GO			MLR			20 23 35.0	+2.4
D04E	Lakebay	82.61 40	P	P		20 23 33.2	+0.3
PRU	baz=303,SNR=18		ex			20 23 45.6	
PRU	Pruhoniche	82.66 323	eP	P		20 26 40.2	
PRU			ePP			20 33 44.2	
PRU			eS			20 23 32.2	+0.3
PRU	comp=Z,8um,14.4s		eP			20 26 40.2	
PRU	Pruhoniche	82.66 323	eP	P		20 33 44.2	
PRU			e			20 23 31.7	-1.4
PRU			MLR			20 23 34.2	+1.3
PRU			P			20 23 39.5	+1.9
PRU			P			20 26 35.7	-8.0
PRU			P			20 33 36.9	-3.7
PRU	comp=Z,7um,16.8s		eP			20 23 34.2	+1.3
PRU	Praha	82.67 323	eP	P		20 33 36.9	
PRU	Praha		e			20 23 32.9	-0.5
PRU	Praha		MLR			20 23 33.8	+0.7
DIVS	Divibare	82.71 316	eP	P		20 24 07.0	-4.0
CLL	comp=Z,547nm,1.1s		iP	PP		20 26 44.6	+0.7
CLL			iP	PP		20 27 05.0	
CLL	comp=Z,193nm,1.6s		e			20 27 16.0	
CLL			ePP			20 26 36.0	
CLL			ePPP			20 26 00.0	
CLL			eS			20 33 42.0	+1.1
CLL			eS			20 34 46.0	-0.3
CLL			eS			20 39 06.0	+1.3
CLL			eSKS				

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like Les Platons, Queens East, Saint Aubin, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like Mount Pierson, Camp Elliot, Pinyon Flats, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like ECSD, Tucson, Marine on St., etc.

2d 20h

Table with columns for station ID, name, coordinates, and various status codes. Includes stations like CEU, MESJ, H46A, etc.

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Table with columns for station ID, name, coordinates, and various status codes. Includes stations like H56A, J52A, G58A, etc.

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Table with columns for station ID, name, coordinates, and various status codes. Includes stations like K59A, O51A, O51A, etc.

P59A	Jarrettsville	109.73	19	P	PKIKP	20 29 40.4 +0.6
T52A	Hallie	109.77	25	P	PKIKP	20 29 41.0 +1.0
S54A	Dingess, Beckl	109.78	24	P	PKIKP	20 29 41.0 +1.0
R56A	Bull Pasture M	109.89	22	P	PKIKP	20 29 41.5 +1.2
Q58A	Fox Den Farm,	109.96	21	P	PKIKP	20 29 41.4 +1.2
TZTN	Tazewell	110.05	26	P	PKIKP	20 29 41.3 +0.8
R57A	Stanardsville	110.28	21	P	PKIKP	20 29 42.4 +1.5
T54A	Tazewell	110.34	24	P	PKIKP	20 29 41.8 +0.7
V51A	Loudon	110.37	27	P	PKIKP	20 29 42.2 +1.1
R58A	Rapidan	110.45	21	P	PKIKP	20 29 42.5 +1.3
W50A	Signal Mountai	110.49	28	P	PKIKP	20 29 42.0 +0.6
S56A	Natural Bridge	110.50	23	P	PKIKP	20 29 42.3 +0.9
T55A	Pulaski	110.58	24	P	PKIKP	20 29 42.4 +0.8
U53A	Fall Branch	110.58	25	P	PKIKP	20 29 42.4 +0.9
VBMS	Wicksburg	110.60	34	P	PKIKP	20 29 42.3 +1.6
BLA	Blacksburg	110.62	23	P	PKIKP	20 29 42.6 +1.0
V52A	Sevierville	110.64	26	P	PKIKP	20 29 42.5 +0.8
TBL	Tuckaleechee C	110.73	27	PKKPab	PKKPab	20 40 50.6 -3.5
CKN	Corbin Frederi	110.73	21	P	PKIKP	20 29 43.3 +1.6
R58B	Mineral	110.80	21	P	PKIKP	20 29 42.8 +0.9
LBTB	Lobatese	110.89	25	SKP	SKPpdf	20 33 07.9 +1.0
T56A	Rocky Mt	110.92	23	P	PKIKP	20 29 42.9 +0.8
U55A	TAZ, Sparta	111.03	24	P	PKIKP	20 29 43.4 +1.0
S58A	Poland Farm, P	111.06	21	P	PKIKP	20 29 43.5 +1.1
V53A	Saluda	111.10	26	P	PKIKP	20 29 43.8 +1.2
W52A	Murphy	111.16	27	P	PKIKP	20 29 43.9 +1.2
S59A	Mechanicsville	111.17	21	P	PKIKP	20 29 43.3 +1.3
X51A	Calhoun	111.23	28	P	PKIKP	20 29 43.6 +0.8
PMOZ	Porto Moniz, M	111.25	32	eLR	LR	21 05 39.1
V54A	Nepo	111.33	25	P	PKIKP	20 29 44.0 +1.0
S60A	Water View	111.42	20	P	PKIKP	20 29 45.6 +2.6
T58A	Grand View Acr	111.51	22	P	PKIKP	20 29 44.3 +1.0
V55A	Traylorsville	111.54	25	P	PKIKP	20 29 44.4 +1.1
U57A	Blanch	111.70	23	P	PKIKP	20 29 44.7 +1.1
T59A	Double "B" Far	111.81	21	P	PKIKP	20 29 44.8 +1.0
V56A	Mocksville	111.84	24	P	PKIKP	20 29 44.5 +0.5
V54A	Cherokee Point	111.85	26	P	PKIKP	20 29 44.9 +1.0
Z50A	Ashland	111.89	30	P	PKIKP	20 29 44.9 +0.8
X53A	Estanlee	111.92	27	P	PKIKP	20 29 45.5 +1.4
U58A	Oxford	112.00	22	P	PKIKP	20 29 45.2 +1.0
V57A	Coltrane Farms	112.03	24	P	PKIKP	20 29 45.4 +1.1
KM5C	Kings Mountain	112.13	25	P	PKIKP	20 29 45.5 +1.0
Y52A	Lilburn	112.17	28	P	PKIKP	20 29 45.6 +1.0
X54A	Belton	112.25	26	P	PKIKP	20 29 46.0 +1.3
U59A	Littleton	112.29	22	P	PKIKP	20 29 45.8 +1.1
BOSA	Boson	112.44	24	Pdfif	Pdfif	20 25 50.6 +0.6
BOSA	Boson	112.44	24	P	PKIKP	20 29 45.8 +0.6
BOSA	Boson	112.44	24	P	PKIKP	20 29 45.8 +0.6
X55A	Gracelynn & Ava	112.61	26	P	PKIKP	20 29 46.1 +0.7
V57A	Gilead	112.61	24	P	PKIKP	20 29 46.5 +1.1
W59A	Middlesex	112.68	22	P	PKIKP	20 29 46.6 +1.2
GOGA	Godfrey	112.78	28	P	PKIKP	20 29 47.4 +1.6
X56A	White Oak	112.82	25	P	PKIKP	20 29 46.8 +1.0
Y55A	Saluda	112.99	26	P	PKIKP	20 29 47.3 +1.2
W58A	Raeford	113.01	23	P	PKIKP	20 29 47.0 +0.9
BR8A	Brewton	113.14	32	P	PKIKP	20 29 48.8 +2.3
TORD	Torod Ar. Bea	113.64	30	Pdfif	Pdfif	20 25 55.5 -0.1
TORD	Torod Ar. Bea	113.64	30	P	PKIKP	20 29 47.2 -0.6
TORD	Torod Ar. Bea	113.64	30	P	PKIKP	20 29 47.2 -0.6
TORD	Torod Ar. Bea	113.64	30	P	PKIKP	20 29 47.2 -0.6
TORD	Torod Ar. Bea	113.64	30	P	PKIKP	20 29 47.2 -0.6
X60A	Albert Glenn T	113.84	23	P	PKIKP	20 29 48.8 +1.1
Z57A	Bowman	114.00	26	P	PKPfd	20 29 49.9 +1.8
Z58A	St. Stephen	114.31	25	P	PKPfd	20 29 50.3 +1.7
Y57A	Early Branch	114.44	26	P	PKPfd	20 29 50.5 +1.6
TIGA	Trifton	114.46	29	P	PKPfd	20 29 50.9 +1.8
SYO	Syowa Base	114.50	20	Pdfif	Pdfif	20 26 17.0 +1.9
SYO	Syowa Base	114.50	20	Pdfif	Pdfif	20 26 30.3 +4.3
SYO	Syowa Base	114.50	20	Pdfif	Pdfif	20 29 46.0
TSUM	Tsumeb	115.69	26	PKKPbc	PKKPbc	20 40 25.4 +1.7
QSPA	South Pole Qui	117.20	18	PKP	PKP	20 29 53.2 +0.1
QSPA	South Pole Qui	117.20	18	PKP	PKP	20 31 07.7 +2.1
QSPA	South Pole Qui	117.20	18	PKP	PKP	20 33 17.9 +0.3
QSPA	South Pole Qui	117.20	18	PKP	PKP	20 40 17.3 -2.3
QSPA	South Pole Qui	117.20	18	PKP	PKP	20 43 57.3 -1.2
QSPA	South Pole Qui	117.20	18	PKP	PKP	20 44 14.3
DWR	Sutherland	117.26	24	PKKPbc	PKKPbc	20 40 19.3 +0.7
CMIG	Matias Romero	119.72	48	SKP	SKPpdf	20 33 24.2 +0.1
CMIG	Matias Romero	119.72	48	SKP	SKPpdf	20 40 10.7 -3.0
DBIC	Dimbokro	122.69	29	PKP	PKPfd	20 30 05.1 -0.1
DBIC	Dimbokro	122.69	29	PKP	PKPfd	20 31 45.8 +2.0
DBIC	Dimbokro	122.69	29	PKP	PKPfd	20 39 58.1 +0.1
KIC	Kosan Boka	122.79	29	ePKP1	PKPfd	20 29 59.4 -6.1
TIC	Toumudi	122.83	29	ePKP1	PKPfd	20 30 00.3 -5.3
LIC	Lamto	123.10	29	ePKP1	PKPfd	20 29 59.5 -6.5
NVL	N'Zarewreka	123.99	20	ePKIKP	PKPfd	20 30 05.5 -0.5
NVL	N'Zarewreka	123.99	20	ePKIKP	PKPfd	20 41 34.8 -1.3

NVL	N'Zarewreka	123.99	20	eSS	SS	20 49 03.4 +3.2
NVL	N'Zarewreka	123.99	20	eSSS	SSS	20 53 17.4
NVL	N'Zarewreka	123.99	20	MLR	MLR	20 53 17.4
SNA	Sanae	128.02	19	PKP	PKP	20 30 14.8 +0.3
SNA	Sanae	128.02	19	PKP	PKP	20 30 14.4 +0.6
SNA	Sanae	128.02	19	PKP	PKP	20 32 18.5 +0.1
SNA	Sanae	128.02	19	PKP	PKP	20 33 22.5 -1.7
SNA	Sanae	128.02	19	PKP	PKP	20 40 23.7 -2.4
SNA	Sanae	128.02	19	PKP	PKP	20 43 21.4 -0.2
VNA2	Neumayer-Watz	129.66	19	PKP	PKP	20 30 18.5 +0.8
RPN	Rapa Nui	130.03	10	SKPbc	SKPbc	20 33 31.7 +0.9
VNA1	Neumayer-Stat	130.06	19	PKP	PKP	20 30 19.2 +0.9
VNA3	Neumayer Olym	130.07	19	PKP	PKP	20 30 18.5 +0.1
JTS	Las Juntas de	131.17	44	SKPbc	SKPbc	20 33 35.0 -0.3
SJG	San Juan	132.89	18	PKP	PKP	20 30 24.9 +0.4
SJG	San Juan	132.89	18	PKP	PKP	20 32 47.3 -2.1
SJG	San Juan	132.89	18	PKP	PKP	20 33 41.0 -0.3
SJG	San Juan	132.89	18	PKP	PKP	20 30 23.4 -1.1
HOSN1	Guadalupe/Mar	135.77	12	PKP	PKP	20 30 30.4 +0.4
SMRC	Santa Marta, M	136.32	31	eP	PKP	20 30 30.9 -0.2
URIC	Uribia, Colomb	136.83	28	eP	PKP	20 30 28.8 -3.3
SJCC	San Jacinto, C	136.96	34	eP	PKP	20 30 28.6 -3.8
CODC	Moulin Cozz	137.75	31	eP	PKP	20 30 28.2
SMC	San Martin de	138.45	33	eP	PKP	20 30 34.2 -0.8
UREC	San Jos de Ur	138.62	36	eP	PKP	20 30 27.4
DBBC	Dabeiba	138.88	37	eP	PKP	20 30 28.2
HON2	ASCENSION HYDR	138.96	29	PKP	PKP	20 30 40.8 +3.0
ZARC	Zaragoza, Cau	139.18	35	eP	PKP	20 30 28.8
OCAC	Ocana	139.30	32	eP	PKP	20 30 28.5
HIO2	ASCENSION HYDR	139.70	29	PKP	PKP	20 30 41.5 +2.1
HIO3	ASCENSION HYDR	139.71	29	PKP	PKP	20 30 42.4 +3.0
SDV	Santo Domingo	139.93	28	PKIKP	PKP	20 30 35.5
SDV	Santo Domingo	139.93	28	PKIKP	PKP	20 30 38.5 +0.5
SDV	Santo Domingo	139.93	28	PKIKP	PKP	20 33 34.8 +0.7
SDV	Santo Domingo	139.93	28	PKIKP	PKP	20 34 02.7 -0.4
SDV	Santo Domingo	139.93	28	PKIKP	PKP	20 30 31.6
PIZC	Pizarro, Choco	139.93	40	eP	PKP	20 30 37.4 -0.4
HELC	Santa Helena	139.93	37	eP	PKP	20 30 29.5
CBCC	Ciudad Bolivar	139.95	38	eP	PKP	20 30 30.9
BRRC	Barranca, Sant	140.09	34	eP	PKP	20 30 31.5
PTBC	Puerto Berrio	140.20	39	eP	PKP	20 30 29.5
PAMC	Pamplona, Colo	140.38	32	eP	PKP	20 30 32.1
PSJC	San Jos del P	140.59	39	eP	PKP	20 30 39.0 0.0
TOSP	Sapichara	140.79	33	eP	PKP	20 30 39.4 +0.2
NORC	Norcasia	140.81	37	eP	PKP	20 30 31.4
GUVC	Guyana, Caldas	140.83	37	eP	PKP	20 30 32.3
PCRV	Puerto La Cruz	140.87	19	PKIKP	PKP	20 30 32.3
PCRV	Puerto La Cruz	140.87	19	PKIKP	PKP	20 30 41.7 -0.4
PCRV	Puerto La Cruz	140.87	19	PKIKP	PKP	20 34 04.6 -0.7
PLCV	Puerto La Cruz	140.89	19	PKIKP	PKP	20 30 41.7 -0.5
GRIC	Gorgona, Isla	141.02	43	eP	PKP	20 30 37.9 -1.9
YOTC	Yotoco, Valle	141.31	40	eP	PKP	20 30 33.6
RUSC	La Rusia	141.44	34	eP	PKP	20 30 33.5
TAMC	Tame, Arauca	141.59	32	eP	PKP	20 30 35.9
TUMC	Tumaco	141.60	45	eP	PKP	20 30 35.2
ROSC	El Rosal	141.71	36	PKIKP	PKP	20 30 39.0
ROSC	El Rosal	141.71	36	PKIKP	PKP	20 30 43.9 -0.5
ROSC	El Rosal	141.71	36	PKIKP	PKP	20 34 09.2 +1.2
ROSC	El Rosal	141.71	36	PKIKP	PKP	20 30 36.0
ORTC	Ortega, Tolima	141.98	38	eP	PKP	20 30 35.4
CHIC	Chingaza	142.20	36	eP	PKP	20 30 37.3
POPC	Popayan, Colom	142.28	42	eP	PKP	20 30 34.0
BBDC	Balboa, Cauca	142.36	43	eP	PKP	20 30 39.0 -3.4
PCON	Puerto Congo	142.82	41	eP	PKP	20 30 35.6
SOTA	Rioblanco	142.85	42	eP	PKP	20 30 35.6
OTAV	Otavallo	142.99	46	eP	PKP	20 30 39.0
OTAV	Otavallo	142.99	46	eP	PKP	20 30 40.5 -3.4
GARC	Garzon, Huila	143.26	40	eP	PKP	20 30 41.5 +0.2
PTBC	Puerto Gaitan,	143.86	34	eP	PKP	20 30 38.0 -2.2
FLFC	Florida	143.86	41	eP	PKP	20 30 38.9 +1.1
MACC	Macarena, Meta	144.22	38	eP	PKP	20 30 40.5 -3.0
H09N1	TRISTAN DA CUNIA	144.76	24	PKP	PKP	20 30 46.1 +0.5
H09N1	TRISTAN DA CUNIA	144.76	24	PKP	PKP	20 30 46.7 +1.1
PTLC	Puerto Leguiza	145.29	41	eP	PKP	20 30 47.8 +0.5
MDP	Montagnes des	147.67	36	PKPbc	PKPbc	20 30 53.4 -0.7
ATAH	Atahualpa	148.34	55	PKPbc	PKPbc	20 30 55.6 -0.8
USHA	Ushuaia	150.10	16	PKP	PKP	20 30 55.5 +1.3
USHA	Ushuaia	150.10	16	PKP	PKP	20 31 01.0 +0.8
USHA	Ushuaia	150.10	16	PKP	PKP	20 31 07.9 +1.9
PTGA	Pitinga	152.55	16	PKP	PKP	20 30 59.8 +0.8
PTGA	Pitinga	152.55	16	PKP	PKP	20 31 07.4 +1.2
PTGA	Pitinga	152.55	16	PKP	PKP	20 31 17.1 +0.6
PTGA	Pitinga	152.55	16	PKP	PKP	20 34 47.1 -1.0
PTGA	Pitinga	152.55	16	PKP	PKP	20 30 59.8 +0.8
PTGA	Pitinga	152.55	16	PKP	PKP	20 31 00.4 +1.5
NNA	Nana	152.63	61	PKP	PKP	20 31 00.1 +1.1
NNA	Nana	1				

2d 21h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include PRWZ, MWZ, HWZ, etc.

ISC 02 20:25:33.8-1.1, 44.94N, 02:15:01E, 0.04, h8km, 10km, n15, 0.666/29, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include NVLJ, RIV, BOJS, etc.

INET 02 20:37:01.0, 12:50N, 87:69W, h67km, ML3.6

SNET 02 20:37:00.7, 0.9, 12.50N, 87.87W, h29km, 3km, ML2.8, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include CNCH, LCND, JUCU, etc.

MAN 02 20:44:20.0, 9.34N, 125:77E, h118km, mb4.5, ML3.4, MS3.2, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include CGP, LLP, TBP, etc.

GUC 02 20:55:14.5, 0.7, 19:16S, 69:33W, h110km, 2km, ML4.2

ISC 02 20:55:13.9, 0.5, 19:17S, 03:03, 69:34W, 0.05, h114km, 4km, n76, c151/105, mb4.3, 9C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include MNMC, GO01, GO02, etc.

2014 MAR

Main table with columns: PB16, PB16, PB16, etc. Rows include Pisagua, IPOC Station P, Chacalluta, etc.

INET 02 20:56:39.4, 12:48N, 87:67W, h78km, ML3.7

SNET 02 20:56:39.1, 1.0, 12.49N, 87.84W, h48km, 22km, ML3.4, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include CNCH, KMGFR, etc.

Table with columns: CNCH, LCND, JUCU, etc. Rows include La Caada, Jucuarjn, Bellamira, etc.

TIF 02 21:15:16.7, 41:72N, 43:14E, h20km

DDA 02 21:15:16.7, 41:71N, 43:13E, h14km, 2km, ML3.3

MOS 02 21:15:16.4, 0.0, 41:71N, 43:15E, h8km, MPVA4.1

ISK 02 21:15:16.3, 41:73N, 43:11E, h5km, ML3.5/9

IDC 02 21:15:16.6, 1.3, 41:69N, 43:12E, h0km, mb3.1/4

NSSP 02 21:15:17.0, 41:70N, 43:25E, h10km, Ms3.0

NRN 02 21:15:18.1, 0.0, 41:89N, 43:08E, h1km, MPVA4.0

ISC 02 21:15:16.9, 1.1, 41:70N, 01:43:15E, 0.01, h2km, 9km, n110, c1858/191, mb3.3/5, 11C-3D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include BKRG, EPOS, AKH, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like CHOM Cayeli-Rize, EATA Eleskirt, TASSB TASBURUN-IGDIR, etc.

SJA 02 21:21:10.7, 0.9, 21:84S; 69.93W, h78km, 3km, ML3.8, MW3.7
GUC 02 21:21:12.0, 0.7, 21:86S; 69.91W, h80km, 3km, ML3.8
ISC 02 21:21:12.2, 1.4, 21:85S; 0.03, 70.00W, 0.05, h74km, 7km, n31, +051/54, 6C-6D, Near coast northern Chile

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, etc.

IDC 02 21:21:21.4, 1.9, 7:13S; 129.64E, h0km, mb3.4/1, mb1 4.1/4, mb1mx3.5/47, mbtmp3.9/4, ML4.1/3, Error ellipse: s-maj=66.6km s-min=29.0km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, WRA Warramunga Arr, etc.

BUI 02 21:37:19.6, 0.0, 30:30N; 142:49E, h5km, mb5.1/23, mb4.5/25, Ms4.7/5, Ms7.4/7
IDC 02 21:37:21.0, 0.5, 30:88N; 142:46E, h0km, mb4.4/27, mb1 4.5/32, mb1mx4.4/56, mbtmp4.3/32, ML3.7/4, MS3.6/1, Ms1 3.6/1, ms1mx3.1/39, Error ellipse: s-maj=14.6km s-min=1.7km az=83.0
JCA 02 21:37:21.1, 0.2, 30:92N; 142:75E, h43km, M4.6, NEIC 02 21:37:25.6, 1.3, 30:96N; 142:44E, 0.1, h23km, 4km, mb4.8/37, Error ellipse: s-maj=14.4km s-min=7.4km az=72.0

ISC 02 21:37:26.0, 0.4, 30:88N; 0.05, 142:53E, 0.07, h37km, n128, +176/133, mb4.7/52, 4C, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like JHJ Hachijo jima 2, JHJ Hachijo jima 2, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like SONM Songino Array, SEY Seychuan, GTA Gaotai, etc.

LCAR	Lake Charles	21.80	4	Iamb	Iamb	22 22 19.0
SC01	Santiago de lo	21.92	73	Iamb	Iamb	22 22 23.3
HHAR	Hobbs	21.96	358	Iamb	Iamb	22 22 18.0
W50A	Signal Mountai	21.98	17	P	P	22 22 07.0 -1.5
X53A	Estanolee	21.99	22	P	P	22 22 08.0 -0.6
Z57A	Bowman	22.01	28	P	P	22 22 08.4 -0.4
U40A	Yellville	22.02	0	Iamb	Iamb	22 22 26.5
U40A	Yellville	22.02	0	P	P	22 22 08.4 -0.4
Y55A	Saluda	22.05	25	P	P	22 22 08.3 -0.9
NH5A	New Hope	22.10	30	P	P	22 22 09.8 0.0
U38A	Gravette	22.14	357	Iamb	Iamb	22 22 23.1
HODGE	Hodges	22.15	24	Iamb	Iamb	22 22 23.1
HODGE	Hodges			IAMS_20	IAMS_20	22 31 36.5
Y56A	Pelion	22.16	27	P	P	22 22 09.5 -0.9
SR1G	Santa Rosalia	22.16	309	Iamb	Iamb	22 22 17.1
HS1G	HS1G	22.20	314	Iamb	Iamb	22 22 18.3
TAMC	Tame, Arauca	22.24	108	eP	P	22 22 09.5 -1.9
WWT	Waverly	22.28	11	P	P	22 22 11.6 0.0
WWT	Waverly			Iamb	Iamb	22 22 26.9
WWT	Waverly	22.28	11	P	P	22 22 11.6 0.0
WWT	Waverly			pmax	pmax	
W52A	Waverly	22.28	11	P	P	22 22 09.0 -2.6
WVT	Murphy	22.31	20	P	P	22 22 11.2 -0.8
X54A	Belton	22.38	24	P	P	22 22 12.0 -0.7
MACC	Macarena, Meta	22.41	121	eP	P	22 22 12.3 -1.0
CPCT	Cooper Cave	22.45	18	Iamb	Iamb	22 22 26.9
Z58A	St. Stephen	22.47	30	P	P	22 22 13.1 -0.5
SDV	Santo Domingo	22.54	101	P	P	22 22 14.7 -0.1
SDV	Santo Domingo			PcP	PcP	22 26 08.0 0.0
SDV	Santo Domingo			LR	LR	22 32 58.7
SDV	Santo Domingo			eP	P	22 22 10.1 -6.7
SDV	Santo Domingo			P	P	22 22 14.7 -0.1
SDV	Santo Domingo			Iamb	Iamb	22 22 26.0
SDV	Santo Domingo			eP	P	22 22 13.4 -1.4
PBMO	Poplar Bluff	22.56	5	Iamb	Iamb	22 22 18.0
BG3	Lake Jocassee	22.56	22	Iamb	Iamb	22 22 24.5
BG3	Lake Jocassee			IAMS_20	IAMS_20	22 32 03.4
J5C	Jenkinsville	22.60	26	IAMS_20	IAMS_20	22 32 15.6
X55A	Gracelyn & Ava	22.61	25	P	P	22 22 14.2 -0.9
Z59A	Georgetown, SC	22.65	31	P	P	22 22 14.9 -0.7
121A	Cookes Peak, D	22.66	326	P	P	22 22 18.5 +2.6
Y57A	Sumter	22.76	28	P	P	22 22 16.0 -0.7
PTLC	Puerto Leguizamo	22.80	126	eP	P	22 22 18.5 +1.1
T35A	Sooner	22.80	353	Iamb	Iamb	22 22 22.6
MGMO	Mountain Grove	22.83	1	Iamb	Iamb	22 22 33.8
V51A	Loudon	22.83	18	P	P	22 22 16.1 -1.4
PAULI	Pauline	22.84	24	Iamb	Iamb	22 22 26.4
PAULI	Pauline			IAMS_20	IAMS_20	22 32 06.5
PTGC	Puerto Gaitan,	22.86	114	eP	P	22 22 15.7 -2.3
TKL	Tuckaleechee C	22.88	20	P	P	22 22 17.2 -0.8
TKL	Tuckaleechee C			S	S	22 26 26.4 +0.9
TKL	Tuckaleechee C			LR	LR	22 32 57.0
TKL	Tuckaleechee C			Iamb	Iamb	22 22 17.1 -0.9
X56A	White Oak	22.88	26	P	P	22 22 17.1 -0.9
W54A	Cherokee Point	22.93	23	P	P	22 22 18.1 -0.3
Y58A	Scranton	23.00	29	P	P	22 22 18.2 -1.0
DR12	Loma Pena Alta	23.08	75	P	P	22 22 19.6 -0.7
U49A	Red Boiling Sp	23.10	15	Iamb	Iamb	22 22 37.5
V52A	Sevierville	23.10	20	P	P	22 22 19.1 -1.2
V53A	Saluda	23.21	21	P	P	22 22 20.7 -0.7
T47A	Sharon Grove,	23.25	12	Iamb	Iamb	22 22 31.1
X57A	Johnson Farm,	23.27	28	P	P	22 22 20.8 -1.1
KM5C	Kings Mountain	23.31	25	Iamb	Iamb	22 22 32.5
KM5C	Kings Mountain			P	P	22 22 21.5 -0.9
Y22D	IRIS PASCAL I	23.43	330	P	P	22 22 26.0 +2.3
Y59A	Loris	23.45	31	Iamb	Iamb	22 22 32.0
Y59A	Loris	23.45	31	P	P	22 22 22.0 -1.7
S44A	Carbondale	23.59	7	Iamb	Iamb	22 22 42.3
W56A	Indian Trail	23.62	26	P	P	22 22 24.2 -1.1
V54A	Nebo	23.63	23	P	P	22 22 24.4 -1.0
X58A	Rowland	23.69	29	Iamb	Iamb	22 22 39.6
X58A	Rowland			P	P	22 22 24.8 -1.2
T49A	Edmonton	23.72	15	Iamb	Iamb	22 22 38.9
T49A	Edmonton			P	P	22 22 23.9 -2.4
TZTN	Tazewell	23.76	19	Iamb	Iamb	22 22 38.1
TZTN	Tazewell			P	P	22 22 25.1 -1.6
CCM	Cathedral Cave	23.77	3	P	P	22 22 25.1 -1.6
CCM	Cathedral Cave			Iamb	Iamb	22 22 35.4
CCM	Cathedral Cave			pmax	pmax	22 22 25.1 -1.6
CCM	Cathedral Cave			P	P	22 22 24.9 -1.8
Y60A	Bolivia	23.80	32	IAMS_20	IAMS_20	22 32 21.6
Y60A	Bolivia			P	P	22 22 25.5 -1.6
T50A	Nancy	23.82	16	P	P	22 22 25.4 -1.8
W57A	Gilead	23.89	27	Iamb	Iamb	22 22 41.7
W57A	Gilead			P	P	22 22 26.6 -1.3
U53A	Fall Branch	23.92	21	P	P	22 22 27.1 -1.1
ANMO	Albuquerque	23.92	332	P	P	22 22 30.2 +1.8
ANMO	Albuquerque			S	S	22 26 46.8 +3.8
ANMO	Albuquerque			LR	LR	22 33 08.8

ANMO	Albuquerque	23.92	332	P	P	22 22 28.4 0.0
ANMO	Albuquerque			Iamb	Iamb	22 22 42.0
ANMO	Albuquerque	23.92	332	eP	pmax	22 22 30.3 +1.8
ANMO	Albuquerque			pmax	pmax	
ANMO	Albuquerque			P	P	22 22 30.3 +1.8
V55A	Taylorville	23.98	24	Iamb	Iamb	22 22 39.6
V55A	Taylorville			IAMS_20	IAMS_20	22 32 50.9
V55A	Taylorville	23.98	24	P	P	22 22 27.9 -0.8
T51A	Gray	24.03	18	P	P	22 22 27.8 -1.4
X59A	McDuffie Farm,	24.06	30	P	P	22 22 28.0 -1.4
US1N	University of	24.09	10	Iamb	Iamb	22 22 46.8
W58A	Raeoford	24.12	29	P	P	22 22 28.9 -1.2
V56A	Mocksville	24.23	25	P	P	22 22 30.0 -1.0
TUC	Tucson	24.23	321	P	P	22 22 30.6 -0.6
TUC	Tucson			Iamb	Iamb	22 22 36.1
TUC	Tucson	24.23	321	P	pmax	22 22 30.7 -0.6
TUC	Tucson			pmax	pmax	
TUC	Tucson			MLR	MLR	
TUC	Tucson			P	P	22 22 33.4 +2.1
U54A	Nelsons Funny	24.33	22	IAMS_20	IAMS_20	22 32 58.3
U54A	Nelsons Funny			P	P	22 22 31.0 -1.1
X60A	Albert Glenn T	24.37	31	P	P	22 22 30.9 -1.4
S49A	Springfield	24.43	15	P	P	22 22 29.8 -3.1
T52A	Hallie	24.46	20	Iamb	Iamb	22 22 51.6
T52A	Hallie			P	P	22 22 31.3 -1.8
T53A	Wise	24.49	21	P	P	22 22 32.0 -1.5
S50A	Richmond	24.56	17	P	P	22 22 31.9 -2.2
V57A	Coltrane Farms	24.60	26	P	P	22 22 33.0 -1.4
U55A	TA2, Sparta	24.61	24	P	P	22 22 33.4 -1.2
W59A	Clinton	24.61	30	P	P	22 22 33.2 -1.3
WCI	Wyandotte Cave	24.62	13	P	Iamb	22 22 33.2 -1.4
WCI	Wyandotte Cave			Iamb	Iamb	22 22 50.5
WCI	Wyandotte Cave			IAMS_20	IAMS_20	22 34 00.2
WCI	Wyandotte Cave			P	pmax	22 22 33.2 -1.4
WCI	Wyandotte Cave			MLR	MLR	
WCI	Wyandotte Cave			P	P	22 22 32.9 -1.7
U56A	King	24.74	25	Iamb	Iamb	22 22 45.0
U56A	King			P	P	22 22 34.5 -1.2
S51A	Beattyville	24.75	18	Iamb	Iamb	22 22 53.2
S51A	Beattyville			P	P	22 22 34.5 -1.3
OL1L	Oliver	24.77	9	Iamb	Iamb	22 22 52.6
V58A	Windy Hill, Pi	24.82	28	Iamb	Iamb	22 22 37.4
V58A	Windy Hill, Pi			P	P	22 22 35.4 -1.0
W60A	Pink Hill	24.88	31	P	P	22 22 36.1 -0.9
T54A	Tazewell	24.90	22	P	P	22 22 36.1 -1.2
R49A	Shelbyville	24.93	15	Iamb	Iamb	22 22 52.9
R49A	Shelbyville			IAMS_20	IAMS_20	22 34 16.9
R49A	Shelbyville			P	P	22 22 35.6 -1.8
CNNC	Cliffs of the	24.94	30	Iamb	Iamb	22 22 38.5
CNNC	Cliffs of the			P	P	22 22 37.0 -0.5
S52A	Salyersville	24.95	19	P	P	22 22 36.5 -1.1
KSU1	Kansas State U	24.96	353	P	P	22 22 37.1 -0.6
T25A	Trinidad	24.97	338	P	P	22 22 40.4 +2.3
BAUO	El Bau	24.99	99	eP	Iamb	22 22 35.3 -2.9
BAUO	El Bau			Iamb	Iamb	22 22 57.6
R50A	Paris	25.14	16	IAMS_20	IAMS_20	22 34 09.3
R50A	Paris			P	P	22 22 41.0 +1.6
CBKS	Cedar Bluff	25.19	348	P	P	22 22 40.2 +0.4
V59A	Middlesex	25.20	29	P	P	22 22 38.7 -1.1
T55A	Pulaski	25.25	23	P	P	22 22 39.2 -1.2
U57A	Blanch	25.25	27	P	P	22 22 39.8 -0.8
S53A	Williamson	25.26	21	P	P	22 22 38.7 -1.8
214A	Organ Pipe Nat	25.28	318	Iamb	Iamb	22 22 45.9
214A	Organ Pipe Nat			IAMS_20	IAMS_20	22 32 49.4
214A	Organ Pipe Nat			P	P	22 22 43.1 +2.3
W61A	Ground Anchor	25.34	32	P	P	22 22 39.9 -1.2
X18A	Snoflake	25.35	326	Iamb	Iamb	22 22 41.0 +1.6
R51A	Hillsboro	25.37	17	P	P	22 22 40.2 -1.2
Q48A	North Vernon	25.41	13	P	P	22 22 41.5 -0.2
T56A	Rocky Mt	25.47	25	P	P	22 22 41.5 -0.8
BLA	Blackburg	25.47	24	Iamb	Iamb	22 23 00.1
BLA	Blackburg			IAMS_20	IAMS_20	22 33 56.5
BLA	Blackburg			P	P	22 22 41.6 -0.8
BLO	Bloomington	25.48	12	IAMS_20	IAMS_20	22 34 30.4
P43A	Skaggs, Pawnee	25.48	6	Iamb	Iamb	22 22 56.6
U58A	Oxford	25.57	28	P	P	22 22 41.9 -1.3
OBIP	Obispado Ponce	25.62	78	IAMS_20	IAMS_20	22 33 46.4
S54A	Dingess, Beckl	25.65	22	Iamb	Iamb	22 23 01.4
S54A	Dingess, Beckl			IAMS_20	IAMS_20	22 33 49.2
S54A	Dingess, Beckl			P	P	22 22 43.6 -0.5
V60A	Jim Taylor Roa	25.67	31	Iamb	Iamb	22 23 03.2
V60A	Jim Taylor Roa			P	P	22 22 42.8 -1.3
Q49A	Aurora	25.68	15	P	P	22 22 43.0 -1.2
W18A	Petrified Fore	25.68	327	Iamb	Iamb	22 22 55.6
W18A	Petrified Fore			P	P	22 22 47.2 +2.7
R52A	Cattlettsburg	25.69	19	P	P	22 22 44.0 -0.3

ATAH	Atahualpa	25.71	145	P	P	22 22 46.5 +1.3
ATAH	Atahualpa			S	S	22 27 15.5 +3.3
ATAH	Atahualpa			IAMS_20	IAMS_20	22 31 24.7
T57A	Hurt	25.76	26	P	P	22 22 44.5 -0.5
Q50A	Georgetown	25.77	16	P	P	22 22 43.9 -1.1
P46A	Rosedale	25.78	10	Iamb	Iamb	22 22 53.0
U59A	Littleton	25.88	29	P	P	22 22 45.1 -0.9
R53A	Hurricane	25.91	20	IAMS_20	IAMS_20	22 34 00.9
R53A	Hurricane			P	P	22 22 46.0 -0.3
SDCO	Great Sand Dun	25.91	337	P	P	22 22 48.7 +2.1
S55A	Lewisburg	25.93	23	P	P	22 22 46.0 -0.5
P48A	Milroy	25.99	13	IAMS_20	IAMS_20	22 34 50.8
P48A	Milroy			P	P	22 22 45.6 -1.4
V61A	Roper	26.03	32	IAMS_20	IAMS_20	22 33 49.8
V61A	Roper			P	P	22 22 46.5 -0.8
T58A	Grand View Acr	26.03	27	P	P	22 22 46.5 -0.9
SJG	San Juan	26.05	78	P		

2d 22h

ACSO	Alum Creek Sta	27.34	17	P	P	22 22 59.3	+0.1
O51A	Pataskala	27.36	17	P	P	22 22 59.5	+0.1
R58A	Rapidian	27.39	26	P	P	22 22 58.9	-0.8
N48A	Decatur	27.41	13	P	P	22 22 58.4	-1.4
BGNE	Belgrade	27.43	352	Iamb	Iamb	22 23 20.4	
BGNE	Belgrade	27.43	352	P	P	22 23 00.5	+0.4
S60A	Water View	27.51	29	P	P	22 23 00.1	-0.6
Y12C	Blythe	27.54	319	Iamb	Iamb	22 23 05.7	
Y12C	Blythe	27.54	319	IAMS_20	IAMS_20	22 23 46.1	
Y12C	Blythe	27.54	319	P	P	22 23 03.6	+2.6
Q56A	Snyder Ridge	27.54	24	P	P	22 23 00.8	-0.2
P54A	Burton	27.55	21	P	P	22 23 00.5	-0.6
SCIA	State Center	27.56	360	Iamb	Iamb	22 23 03.4	
SCIA	State Center	27.56	360	P	P	22 23 01.0	-0.1
O52A	Adamsville	27.57	19	Iamb	Iamb	22 23 18.4	
O52A	Adamsville	27.57	19	IAMS_20	IAMS_20	22 23 05.7	
O52A	Adamsville	27.57	19	P	P	22 23 02.0	+0.8
CBN	Corbin Frederi	27.59	27	P	P	22 23 01.2	-0.2
PDMCI	Parker Dam,Lak	27.65	320	P	P	22 23 04.5	+2.5
N49A	Columbus Grove	27.67	14	IAMS_20	IAMS_20	22 23 49.1	
N49A	Columbus Grove	27.67	14	P	P	22 23 00.8	-1.3
R59A	King George, V	27.70	28	P	P	22 23 02.3	-0.1
P55A	Reedsville	27.70	22	P	P	22 23 02.1	-0.3
SMCO	Snowmass	27.73	336	Iamb	Iamb	22 23 18.7	
OGNE	Ogallala	27.75	345	Iamb	Iamb	22 23 19.9	
OGNE	Ogallala	27.75	345	P	P	22 23 04.7	+1.8
L40A	Anamosa	27.76	3	Iamb	Iamb	22 23 12.1	
ISCO	Idaho Springs	27.77	339	Iamb	Iamb	22 23 17.4	
ISCO	Idaho Springs	27.77	339	P	P	22 23 05.5	+2.2
M47A	Crowell	27.77	12	P	P	22 23 03.3	+0.3
L42A	Oliver, Polo	27.81	5	Iamb	Iamb	22 23 06.0	
MCWV	Mont Chateau	27.83	22	IAMS_20	IAMS_20	22 23 05.8	
Q57A	Strasbourg	27.84	25	P	P	22 23 03.3	-0.4
SWSC	Sam W. Stewart	27.88	31	P	P	22 23 06.9	+2.8
O53A	New Philadelphia	27.89	20	P	P	22 23 04.7	+0.7
IKP	In-Ko-Pah, Jac	27.92	315	P	P	22 23 07.8	+3.3
PCRV	Puerto La Cruz	28.00	95	P	P	22 23 05.8	+0.4
W13A	Hualapai Mount	28.02	322	Iamb	Iamb	22 23 19.7	
U15A	North Rim	28.04	325	Iamb	Iamb	22 23 26.6	
U15A	North Rim	28.04	325	IAMS_20	IAMS_20	22 23 51.7	
Q58A	Fox Den Farm,	28.07	26	P	P	22 23 05.2	-0.5
P56A	Dayton Farm, R	28.08	24	P	P	22 23 05.5	-0.3
BC3	Big Chuckawall	28.08	317	P	P	22 23 08.2	+2.2
M48A	Edgerton	28.08	13	IAMS_20	IAMS_20	22 23 14.8	
M48A	Edgerton	28.08	13	P	P	22 23 05.3	-0.4
O54A	Avela	28.11	21	IAMS_20	IAMS_20	22 23 18.0	
O54A	Avela	28.11	21	P	P	22 23 05.1	-0.1
N51A	Ashland	28.14	17	IAMS_20	IAMS_20	22 23 52.8	
N51A	Ashland	28.14	17	P	P	22 23 07.2	+0.8
L44A	Lake County Fo	28.18	8	P	P	22 23 06.8	+0.2
IRM	Iron Mountain	28.19	319	P	P	22 23 09.7	+2.7
M49A	Liberty Center	28.24	14	P	P	22 23 07.8	+0.6
N52A	McGinn's Farm,	28.25	18	P	P	22 23 06.5	-0.8
NEE2	Needles Airpor	28.25	320	P	P	22 23 10.6	+3.2
L46A	Eue Claire	28.27	11	IAMS_20	IAMS_20	22 23 27.3	
MONP2	Monument Peak	28.27	315	P	P	22 23 10.8	+2.9
P57A	Homestead Farm	28.39	25	Iamb	Iamb	22 23 10.1	
P57A	Homestead Farm	28.39	25	P	P	22 23 08.6	+0.1
M50A	Fremont	28.41	16	IAMS_20	IAMS_20	22 23 14.9	-3.2
M50A	Fremont	28.41	16	P	P	22 23 10.1	+1.4
L47A	Sherwood	28.45	12	P	P	22 23 11.0	+2.0
Q59A	Harwood	28.45	27	P	P	22 23 08.9	-0.2
O55A	Ligonier	28.51	22	P	P	22 23 10.2	+0.5
N53A	Lisbon	28.51	20	IAMS_20	IAMS_20	22 23 41.7	
N53A	Lisbon	28.51	20	P	P	22 23 09.0	-0.7
L48A	N Adams	28.58	13	P	P	22 23 11.1	+0.8
M51A	Elyria	28.58	17	P	P	22 23 11.0	+0.8
BELC	Belle Mtn. Jos	28.65	317	P	P	22 23 13.9	+2.8
JFWS	Jewell Farm	28.67	4	Iamb	Iamb	22 23 16.7	
JFWS	Jewell Farm	28.67	4	P	P	22 23 11.1	+0.1
P58A	Pank, Wackersv	28.69	26	P	P	22 23 10.8	-0.4
TPFO	Pinon Flats	28.71	316	P	P	22 23 14.5	+2.8
XPFO	Pion Flat	28.72	316	P	P	22 23 08.3	-3.4
XPFO	Pion Flat	28.72	316	IAMS_20	IAMS_20	22 23 39.2	
PFO	Pinion Flats O	28.72	316	P	P	22 23 13.9	+2.2
PFO	Pinion Flats O	28.72	316	LR	LR	22 24 53.9	
PFO	Pinion Flats O	28.72	316	P	P	22 23 12.0	+0.2
PFO	Pinion Flats O	28.72	316	IAMS_20	IAMS_20	22 23 39.2	
PFO	Pinion Flats O	28.72	316	i P	pmax	22 23 14.4	+2.7
PFO	Pinion Flats O	28.72	316	P	P	22 23 14.6	+2.8
109C	Camp Elliot, M	28.74	314	P	P	22 23 14.7	+2.9
SABA	Saba	28.79	79	eP	PP	22 24 04.2	-1.3
SABA	Saba	28.79	79	IAMS_20	IAMS_20	22 23 67.5	
SDMD	Soldier's Dell	28.82	27	IAMS_20	IAMS_20	22 23 53.3	

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O56A	Blue Knob Stat	28.84	23	P	P	22 23 12.1	-0.5
N23A	Red Feather La	28.86	339	Iamb	Iamb	22 23 32.7	
N23A	Red Feather La	28.86	339	P	P	22 23 14.7	+1.7
L49A	Milan	28.89	14	P	P	22 23 14.9	+1.9
GMRC	Granite Mounta	28.92	319	P	P	22 23 16.3	+2.9
Q60A	Greensboro	28.93	28	Iamb	Iamb	22 23 14.5	
N54A	Moraine State	28.93	21	IAMS_20	IAMS_20	22 23 53.0	
N54A	Moraine State	28.93	21	P	P	22 23 12.9	-0.5
SMRT	St. Maarten	28.97	78	eP	PP	22 23 16.3	+2.4
SMRT	St. Maarten	28.97	78	IAMS_20	IAMS_20	22 23 12.3	
M52A	Chesterland	29.02	18	IAMS_20	IAMS_20	22 23 10.0	
M52A	Chesterland	29.02	18	P	P	22 23 15.1	+1.0
K46A	Dorr	29.02	11	P	P	22 23 16.6	+2.5
SEUS	St. Eustatius	29.03	80	eP	PP	22 23 22.3	+7.8
SEUS	St. Eustatius	29.03	80	IAMS_20	IAMS_20	22 23 42.0	
O20A	White River Ci	29.05	335	Iamb	Iamb	22 23 20.5	
O20A	White River Ci	29.05	335	P	P	22 23 17.5	+2.9
PHWY	Pilot Hill	29.06	340	Iamb	Iamb	22 23 27.2	
L50A	Kingsville	29.07	16	P	P	22 23 15.6	+1.1
AAM	Ann Arbor	29.10	14	IAMS_20	IAMS_20	22 23 03.9	
AAM	Ann Arbor	29.10	14	P	P	22 23 16.5	+1.7
N55A	Marion Center	29.13	22	P	P	22 23 14.6	-0.5
M53A	WI Miller and	29.14	19	P	P	22 23 15.6	+0.4
O57A	Amberson	29.16	25	P	P	22 23 14.8	-0.6
P59A	Jarrettsville	29.16	27	P	P	22 23 14.6	-0.8
MURC	Murrieta	29.21	315	P	P	22 23 19.0	+3.0
SKI	Saint Kitts	29.26	80	eP	PP	22 23 14.3	-2.2
SKI	Saint Kitts	29.26	80	IAMS_20	IAMS_20	22 23 02.0	
O58A	Lewisberry	29.38	26	P	P	22 23 16.6	-0.7
HEC	Hector,Ludlow	29.38	318	P	P	22 23 20.5	+3.0
BBRC	Big Bear Solar	29.41	317	P	P	22 23 20.6	+2.5
SSPA	Standing Stone	29.42	24	P	P	22 23 17.0	-0.7
SSPA	Standing Stone	29.42	24	P	P	22 23 17.1	-0.6
TUQ	Turquoise Moun	29.50	320	P	P	22 23 21.7	+3.0
N56A	West Decatur	29.50	23	P	P	22 23 17.7	-0.8
MVL	Millersville	29.52	27	Iamb	Iamb	22 23 19.6	
MVL	Millersville	29.52	27	IAMS_20	IAMS_20	22 23 06.8	
M54A	Oil Creek Stat	29.53	21	IAMS_20	IAMS_20	22 23 12.8	
ECSD	EROS Data Cent	29.55	355	Iamb	Iamb	22 23 22.9	
ECSD	EROS Data Cent	29.55	355	P	P	22 23 18.9	0.0
K49A	Clarkson	29.60	14	P	P	22 23 20.8	+1.5
J45A	Montague	29.64	10	IAMS_20	IAMS_20	22 23 29.9	
P60A	Greenville	29.68	28	Iamb	Iamb	22 23 20.6	
P60A	Greenville	29.68	28	P	P	22 23 19.1	-0.8
J46A	Howard City	29.68	11	P	P	22 23 21.6	+1.7
L53A	Garfield	29.73	19	P	P	22 23 22.2	+1.7
J47A	Summer	29.74	12	IAMS_20	IAMS_20	22 23 28.6	
J47A	Summer	29.74	12	P	P	22 23 22.0	+1.6
MLYT	Lee's Yard	29.77	81	eP	PP	22 23 22.5	+1.4
K50A	Casco	29.80	15	IAMS_20	IAMS_20	22 23 05.6	
K50A	Casco	29.80	15	P	P	22 23 21.7	+0.7
M55A	Ridgway	29.81	22	P	P	22 23 20.3	-0.9
RRX	Edison Barstow	29.84	318	P	P	22 23 23.5	+2.0
O59A	Robesonia	29.85	26	P	P	22 23 21.0	-0.5
BFSC	Mount Baldy Ra	29.89	316	P	P	22 23 24.8	+2.7
P61A	Hamptonton	29.96	29	P	P	22 23 22.0	-0.4
ERPA	Erie	29.97	20	IAMS_20	IAMS_20	22 23 26.3	
ERPA	Erie	29.97	20	P	P	22 23 20.7	-1.8
GSC	Goldstone, Bar	29.97	319	IAMS_20	IAMS_20	22 23 09.7	
GSC	Goldstone, Bar	29.97	319	P	P	22 23 25.7	+2.9
SHOC	Shoshone, Tec	30.02	320	P	P	22 23 26.3	+3.2
J48A	Bridge Port	30.02	14	IAMS_20	IAMS_20	22 23 34.1	
M56A	Emporium	30.04	23	P	P	22 23 25.1	+1.9
K51A	Iona Station	30.06	17	P	P	22 23 24.2	+0.9
N58A	Sunbury	30.06	25	P	P	22 23 24.1	+0.7
MWC	Mount Wilson	30.16	316	Iamb	Iamb	22 23 29.4	
ANWB	Willby Bo	30.18					

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like Tannenbergstha, Novy Kostel, Furstenfeldbrunn, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like TOA1, TOA0, TOA3, TOR1, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like YAK, YAK, YAK, etc.

241A	Richland Creek	18.94	1	P	Pn	22 30 30.8	+1.9
LPIG	La Paz	18.96	304	P	Pn	22 30 33.7	+4.6
ZARC	Santa Elena	19.05	113	eP	P	22 30 26.3	-3.6
HELC	Zaragoza, Caus	19.13	109	eP	Pn	22 30 31.1	-0.3
TIGA	Tifton	19.23	25	I Amb	I Amb	22 30 33.1	
TIGA	Tifton	19.23	25	P	P	22 30 30.9	-0.3
ABTX	Abilene, Hawle	19.25	343	P	P	22 30 30.9	-0.6
ABTX	Abilene, Hawle	19.25	343	P	Pn	22 30 43.0	
WBXR	White Oak Lake	19.37	0	I Amb	I Amb	22 30 33.7	+1.0
Z35A	Perchaven, San	19.38	350	I Amb	I Amb	22 30 40.5	
SMLC	San Martin de	19.42	104	eP	Pn	22 30 35.3	+0.4
YOTC	Yotoco, Valle	19.42	120	eP	P	22 30 33.2	-0.4
GUY2C	Guayana, Caldas	19.64	115	eP	P	22 30 36.6	+0.3
BBAC	Balboa, Cauca	19.83	126	eP	P	22 30 38.0	-0.1
PT5C	PUERTO BERRIO,	19.87	111	eP	P	22 30 36.6	-1.8
152A	Waverly Hall	19.89	21	I Amb	I Amb	22 30 44.8	
NORC	Norcasia	19.92	114	eP	P	22 30 38.7	-0.3
POPC	Popayan, Colom	19.97	124	eP	Pn	22 30 40.8	-0.8
Z50A	Ashland	20.03	18	I Amb	I Amb	22 30 52.5	
Z50A	Ashland	20.03	18	P	P	22 30 40.5	+0.4
OTAV	Otavallo	20.10	133	eP	Pn	22 30 46.3	+3.0
OTAV	Otavallo	20.10	133	eP	P	22 30 38.8	-2.6
OTAV	Otavallo	20.10	133	P	P	22 30 38.8	-2.6
OTAV	Otavallo	20.10	133	eP	Pn	22 30 39.6	-1.8
X40A	Basin Creek Fa	20.17	1	P	P	22 30 42.7	-0.8
MIAR	Mount Ida	20.23	359	P	P	22 30 43.0	+0.9
SOTA	Rio Blanco	20.26	125	eP	P	22 30 42.9	-0.3
X43A	Marvell	20.30	5	I Amb	I Amb	22 30 51.8	
PCON	Cinco Dias	20.32	124	eP	Pn	22 30 44.9	-1.1
ORTC	Ortega, Tolima	20.39	119	eP	Pn	22 30 46.3	-0.1
UALR	University of	20.46	2	I Amb	I Amb	22 30 50.5	
SPBC	San Pablo de B	20.59	113	eP	P	22 30 42.9	-3.5
MNTX	Cornudas Mount	20.70	329	I Amb	I Amb	22 30 53.1	
MNTX	Cornudas Mount	20.70	329	P	Pn	22 30 50.0	+0.2
X34A	Smith Ranch, M	20.72	349	I Amb	I Amb	22 30 58.2	
ROSC	El Rosal	20.74	115	P	P	22 30 49.3	+1.1
ROSC	El Rosal	20.74	115	eP	P	22 30 49.1	+0.9
ROSC	El Rosal	20.74	115	I Amb	I Amb	22 31 01.2	
URIC	Uribe, Colomb	20.74	95	P	P	22 30 48.3	+0.5
W41B	Gary Mavity, V	20.86	2	P	Pn	22 30 50.5	-1.1
X48A	Hartselle	20.86	14	I Amb	I Amb	22 30 57.1	
W39A	Magazine	20.88	358	P	Pn	22 30 51.4	-0.4
GOGA	Godfrey	21.01	23	P	P	22 30 50.4	-0.2
GOGA	Godfrey	21.01	23	P	P	22 30 50.4	-0.2
GOGA	Godfrey	21.01	23	P	P	22 30 49.9	-0.7
GOGA	Godfrey	21.01	23	P	P	22 30 49.1	-2.0
BORG	Barichara	21.05	109	eP	P	22 30 53.5	+2.5
WMOK	Wichita Mounta	21.13	123	eP	P	22 30 55.3	+3.0
GARC	Garzon, Huila	21.15	112	eP	P	22 30 51.6	-0.5
PLAL	Pickwick Lake	21.18	107	eP	P	22 31 02.7	+0.6
PAMC	Pampalona, Colo	21.20	21	I Amb	I Amb	22 31 06.5	
Y52A	Liburn	21.20	21	I Amb	I Amb	22 31 02.3	-0.3
Y52A	Liburn	21.20	21	P	P	22 30 52.7	+0.7
FPAL	Fort Pain	21.23	17	I Amb	I Amb	22 30 52.3	-0.3
CHIC	Chingaza	21.35	115	eP	P	22 30 56.7	+1.8
FLOC	Florencia	21.35	125	eP	P	22 30 56.0	+1.5
RUSC	La Rusia	21.39	125	eP	P	22 30 54.1	-0.4
RUSC	La Rusia	21.39	111	P	P	22 30 54.6	-0.6
157A	Early Branch	21.43	29	P	P	22 30 54.6	-0.5
SDDR	Presas de Saban	21.44	74	P	P	22 30 55.5	+0.1
OKCFA	Oklahoma City	21.45	350	I Amb	I Amb	22 30 58.6	
MSTX	Muleshoe	21.51	338	I Amb	I Amb	22 31 00.3	
MSTX	Muleshoe	21.51	338	P	P	22 30 57.3	+1.2
X51A	Calhoun	21.58	19	P	P	22 31 02.2	+5.6
FCAR	Ozark Folk Cen	21.58	2	I Amb	I Amb	22 30 56.3	-0.4
FCAR	Ozark Folk Cen	21.58	2	I Amb	I Amb	22 31 00.2	
FCAR	Ozark Folk Cen	21.58	2	I Amb	I Amb	22 34 55.1	+1.2
TUL1	Leonard	21.72	354	I Amb	I Amb	22 31 01.8	
TUL1	Leonard	21.72	354	P	P	22 30 59.8	+1.6
Z56A	Williston	21.80	27	I Amb	I Amb	22 31 07.8	
Z56A	Williston	21.80	27	P	P	22 30 59.4	+0.4
LCAR	Lake Charles	21.82	4	P	P	22 30 59.5	+0.3
LCAR	Lake Charles	21.82	4	I Amb	I Amb	22 31 14.7	
LCAR	Lake Charles	21.82	4	P	P	22 34 59.7	+1.3
AMTX	Amarillo	21.96	341	P	P	22 31 01.6	+0.6
HHAR	Hobbs	21.97	358	I Amb	I Amb	22 31 03.6	
W50A	Signal Mountain	22.03	17	I Amb	I Amb	22 31 10.8	
W50A	Signal Mountain	22.03	17	P	P	22 31 05.8	+4.2
U40A	Yellville	22.03	1	I Amb	I Amb	22 31 03.8	
U40A	Yellville	22.03	1	P	P	22 31 01.8	+0.3
SC01	Santiago de lo	22.04	73	P	P	22 31 02.3	+0.5
X53A	Estantollee	22.05	22	P	P	22 31 02.2	+0.5
Z57A	Bowman	22.08	29	P	P	22 31 02.1	+0.1
Y55A	Saluda	22.11	26	P	P	22 31 01.6	-0.8
NH5C	New Hope	22.17	30	P	P	22 31 04.1	+1.0
WVT	Waverly	22.31	11	P	P	22 31 08.4	+3.9
TAMC	Tame, Arauca	22.35	108	eP	P	22 31 06.3	+1.1
X54A	Belton	22.43	24	P	P	22 31 05.2	-0.6
Z58A	St. Stephen	22.54	30	P	P	22 31 07.5	+0.5
PBMO	Poplar Bluff	22.58	6	I Amb	I Amb	22 31 09.4	
319A	Douglas	22.60	322	I Amb	I Amb	22 31 29.5	
121A	Cookes Peak, D	22.60	326	P	P	22 31 10.9	+2.9
SDV	Santo Domingo	22.65	101	P	P	22 31 06.0	-2.6
SDV	Santo Domingo	22.65	101	P	P	22 34 59.4	-1.3
SDV	Santo Domingo	22.65	101	eP	P	22 31 05.3	+2.9
SDV	Santo Domingo	22.65	101	P	P	22 31 08.8	+0.2
X55A	Gracelyn & Ava	22.66	25	P	P	22 31 06.8	-1.5
U22A	Winter Ranch,	22.67	348	I Amb	I Amb	22 31 10.9	
T35A	Sooner Cattle	22.79	353	I Amb	I Amb	22 31 10.6	

Y57A	Sumter	22.82	28	I Amb	I Amb	22 31 17.6	
Y57A	Sumter	22.82	28	P	P	22 31 08.8	-1.2
MGMO	Monticello	22.84	2	I Amb	I Amb	22 31 19.4	
TKL	Tuckaleechee C	22.93	20	P	P	22 31 09.5	-1.6
TKL	Tuckaleechee C	22.93	20	P	P	22 31 11.3	+0.2
TKL	Tuckaleechee C	22.93	20	I Amb	I Amb	22 31 28.7	
TKL	Tuckaleechee C	22.93	20	P	P	22 31 11.3	+0.2
X56A	White Oak	22.94	26	P	P	22 31 09.7	-1.5
W54A	Cherokee Point	22.98	23	P	P	22 31 11.1	-0.5
Y58A	Scranton	23.07	30	I Amb	I Amb	22 31 20.7	
Y58A	Scranton	23.07	30	P	P	22 31 11.4	-1.1
V52A	Sevierville	23.15	20	I Amb	I Amb	22 31 32.2	
V52A	Sevierville	23.15	20	P	P	22 31 12.9	-0.5
V53A	Saluda	23.27	22	I Amb	I Amb	22 31 23.3	
V53A	Saluda	23.27	22	P	P	22 31 13.8	-0.7
S39A	Bolivar	23.36	360	P	P	22 31 15.3	-0.1
KM5C	Kings Mountain	23.37	25	I Amb	I Amb	22 31 32.5	
KM5C	Kings Mountain	23.37	25	P	P	22 31 14.0	-1.5
Y59A	Loris	23.52	31	P	P	22 31 15.4	-1.6
S44A	Carbondale	23.62	8	I Amb	I Amb	22 31 28.7	
W56A	Indian Trail	23.68	26	P	P	22 31 16.7	-1.7
Y54A	Nebo	23.68	23	P	P	22 31 17.3	-1.2
X58A	Rowland	23.76	29	P	P	22 31 17.7	-1.5
T49A	Edmondson	23.76	15	P	P	22 31 18.6	-0.6
CCM	Cathedral Cave	23.78	4	I Amb	I Amb	22 31 18.6	-0.9
CCM	Cathedral Cave	23.78	4	P	P	22 31 19.5	
CCM	Cathedral Cave	23.78	4	P	P	22 31 18.6	-0.9
CCM	Cathedral Cave	23.78	4	P	P	22 31 18.5	-0.9
TZTN	Tazewell	23.81	19	P	P	22 31 18.3	-1.5
ANMO	Albuquerque	23.88	332	P	P	22 31 21.9	+1.4
ANMO	Albuquerque	23.88	332	P	P	22 31 20.1	-0.5
ANMO	Albuquerque	23.88	332	P	P	22 31 21.1	+0.5
ANMO	Albuquerque	23.88	332	P	P	22 31 21.9	+1.4
ANMO	Albuquerque	23.88	332	P	P	22 31 21.1	+0.5
ANMO	Albuquerque	23.88	332	P	P	22 31 22.5	+2.0
W57A	Gilead	23.95	27	P	P	22 31 20.3	-0.8
U53A	Fall Branch	23.97	21	P	P	22 31 20.1	-1.1
V55A	Taylorville	24.03	24	I Amb	I Amb	22 31 23.8	
V55A	Taylorville	24.03	24	P	P	22 31 21.4	-0.4
TUC	Tucson	24.17	321	I Amb	I Amb	22 31 22.6	-0.6
TUC	Tucson	24.17	321	I Amb	I Amb	22 31 27.8	
TUC	Tucson	24.17	321	P	P	22 31 22.6	-0.6
TUC	Tucson	24.17	321	P	P	22 31 22.6	-0.6
TUC	Tucson	24.17	321	P	P	22 31 25.6	+2.5
W58A	Raeferd	24.19	29	P	P	22 31 20.8	-2.4
V56A	Mocksville	24.29	26	P	P	22 31 22.6	-1.6
U54A	Nelsons Funny	24.39	22	P	P	22 31 24.0	-1.2
SLM	Saint Louis	24.46	5	I Amb	I Amb	22 31 28.4	
WCI	Wyandotte Cve	24.65	13	P	P	22 31 26.2	-1.2
V57A	Coltrane Farms	24.66	27	P	P	22 31 25.2	-2.3
U55A	TA2, Sparta	24.66	24	P	P	22 31 25.8	-1.9
U56A	King	24.80	25	I Amb	I Amb	22 31 28.0	
U56A	King	24.80	25	P	P	22 31 27.2	-1.5
V58A	Windy Hill, Pi	24.88	28	P	P	22 31 27.5	-2.0
T25A	Trinidad	24.94	338	P	P	22 31 33.1	+2.9
W60A	Pink Hill	24.95	31	P	P	22 31 28.7	-1.4
T54A	Tazewell	24.96	22	P	P	22 31 28.7	-1.6
KSU1	Kansas State U	24.96	354	P	P	22 31 30.9	+0.7
CNNO	Cliffs of the	25.01	31	I Amb	I Amb	22 31 29.3	
CBK5	Cedar Bluff	25.17	348	P	P	22 31 32.5	+0.3
214A	Organ Pipe Nat	25.21	318	P	P	22 31 34.9	+2.3
V59A	Middlesex	25.26	29	P	P	22 31 30.8	-2.2
X18A	Snowflake	25.29	326	I Amb	I Amb	22 31 40.0	
U57A	Blanch	25.31	27	P	P	22 31 31.5	-2.0
ATAH	Atahualpa	25.77	145	P	P	22 31 41.8	+3.5
T57A	Hurt	25.83	26	P	P	22 31 36.4	-1.6
K5C0	Kaye Shedlock	26.07	343	P	P	22 31 41.9	+1.5
S22A	4UR Ranch, Cr	26.40	335	I Amb	I Amb	22 31 49.8	
S22A	4UR Ranch, Cr	26.40	335	P	P	22 31 46.0	+2.4
HUMP	Col San Antonio	26.46	78	P	P	22 31 42.3	-1.7
HUMP	Col San Antonio	26.46	78	P	P	22 35 06.0	-0.7
HUMP	Col San Antonio	26.46	78	P	P	22 31 42.7	-2.0
MVCO	Mesa Verde	26.67	332	P	P	22 31 48.6	+2.6
WUAZ	Wupatki	26.80	325	I Amb	I Amb	22 31 50.	

2d 22h

Table of station data for 2d 22h, including station names, coordinates, and various parameters like S/NR, elevation, and status.

2014 MAR

Main table of station data for 2014 MAR, listing station names, coordinates, and various parameters.

114

Table of station data for 114, including station names, coordinates, and various parameters.

Station coordinates and names: GCG 02 22:30:06.2, 7.625; 130.13E, h149km, 37km, mb3.2/1, mb1 3.2/5, mb1mx3.0/0.0, mbtmp3.6/5, MS4.0/1, MS1.4/0.1, ms1mx3.2/9, Error ellipse: s-maj=67.0km s-min=20.8km az=88.0, Banda Sea

3d Oh

2014 MAR

ORTC	Ortega, Tolima	20.32 119	eP	Pn	00 36 41.6 +1.1
OXF	Oxford	20.48 9	P	P	00 36 39.5 -0.4
UALR	University of Arkansas	20.48 2	I Amb	I Amb	00 36 45.8
SPBC	San Pablo de B	20.52 113	eP	P	00 36 41.6 +1.0
ROSC	El Rosal	20.66 115	P	P	00 36 43.6 +1.1
ROSC	El Rosal	20.66 115	P	Pn	00 36 46.1 +1.2
URIC	Uribia, Colomb	20.67 94	P	P	00 36 41.5 -0.6
MNTX	Cornudas Mount	20.75 329	I Amb	I Amb	00 36 48.9
MNTX	Cornudas Mount	20.75 329	P	Pn	00 36 44.5 -0.9
X44	Smith Ranch, M	20.75 349	I Amb	I Amb	00 36 54.0
257A	Skidaway Islan	20.82 30	P	P	00 36 44.4 +0.8
X48A	Hartselle	20.87 14	I Amb	I Amb	00 36 53.0
W41B	Gary Mavity, V	20.88 2	P	P	00 36 54.6
W41B	Gary Mavity, V	20.88 2	P	P	00 36 45.0 +0.7
W39A	Magazine	20.90 358	I Amb	I Amb	00 36 57.0
W39A	Magazine	20.90 358	P	Pn	00 36 45.8 -1.3
BARC	Barcola	20.94 109	eP	P	00 36 47.0 -1.0
GOGA	Godfrey	21.00 23	P	P	00 36 45.2 -0.3
GARC	Garzon, Huila	21.06 123	eP	P	00 36 49.4 +2.7
WMOK	Wichita Mounta	21.08 347	P	P	00 36 47.0 +0.6
WMOK	Wichita Mounta	21.08 347	P	P	00 36 47.2 +0.8
PAMC	Pamplona, Colo	21.11 107	eP	P	00 36 45.5 -0.9
PLAL	Pickwick Lake	21.16 11	P	I Amb	00 36 47.6 +0.4
Y52A	Liburn	21.19 21	P	P	00 36 47.5 -0.2
CHIC	Chingaza	21.28 115	eP	P	00 36 51.4 +2.2
FLC	Florencia	21.29 125	eP	P	00 36 50.8 +1.7
RUSC	La Rusia	21.31 111	eP	P	00 36 49.6 0.0
RUSC	La Rusia	21.31 111	P	PcP	00 40 54.6 +0.8
FPAL	Fort Payne	21.32 17	I Amb	I Amb	00 37 00.0
157A	Early Branch	21.41 29	P	P	00 36 48.9 -1.1
MSTX	Muleshoe	21.55 338	I Amb	I Amb	00 36 59.0
MSTX	Muleshoe	21.55 338	P	P	00 36 52.4 +0.7
X51A	Calhoun	21.57 19	P	I Amb	00 36 53.6 +1.9
X51A	Calhoun	21.57 19	P	P	00 37 01.8
FCAR	Ozark Folk Cen	21.60 2	I Amb	I Amb	00 36 55.9
TUL1	Leonard	21.75 354	I Amb	I Amb	00 37 06.1
TUL1	Leonard	21.75 354	P	P	00 36 54.0 +0.5
Z6A	Williston	21.79 27	P	P	00 36 53.7 -0.3
GNAR	Gosnell	21.83 7	P	P	00 36 56.0 +1.6
LCAR	Lake Charles	21.83 4	I Amb	I Amb	00 37 05.7
LCAR	Lake Charles	21.83 4	S	S	00 40 59.0 +4.6
SWET	Sewanee	21.87 16	I Amb	I Amb	00 37 07.4
SC01	Santiago de lo	21.98 73	P	P	00 36 56.0 -0.2
RGRS	Roger Stewart	21.98 30	P	P	00 36 56.3 +0.2
HHAR	Hobbs	21.99 358	I Amb	I Amb	00 36 59.4
AMTX	Amarillo	22.01 341	P	P	00 36 57.3 +0.8
W50A	Signal Mountai	22.03 17	P	P	00 36 55.7 -0.9
X53A	Estancia	22.04 22	P	P	00 36 55.5 -1.2
U40A	Yellville	22.05 0	I Amb	I Amb	00 36 59.6
U40A	Yellville	22.05 0	P	P	00 36 56.9 +0.1
Z57A	Bowman	22.06 28	P	P	00 36 55.3 -1.6
GRTK	Grand Turk	22.07 68	P	P	00 36 53.0 -4.2
Y55A	Saluda	22.10 25	P	P	00 36 56.8 -0.5
SRIG	Santa Rosalia	22.14 309	P	I Amb	00 36 57.1 -0.8
SRIG	Santa Rosalia	22.14 309	P	I Amb	00 37 02.4
NHSC	New Hope	22.16 30	P	P	00 36 57.2 -0.8
NHSC	New Hope	22.16 30	P	P	00 36 59.1 +1.2
BANI	BANI	22.16 76	P	P	00 36 56.8 -1.5
U38A	Gravette	22.16 357	I Amb	I Amb	00 37 02.6
HSIG	Hodges	22.18 315	P	P	00 37 00.3 +1.9
HODGE	Hodges	22.19 24	I Amb	I Amb	00 37 08.8
Y56A	Pelion	22.21 27	P	P	00 36 59.0 +0.4
TAMC	Tame, Arauca	22.28 108	eP	P	00 37 02.0 +2.5
WVT	Waverly	22.32 11	P	I Amb	00 36 59.4 -0.3
WVT	Waverly	22.32 11	P	P	00 37 10.7
W52A	Murphy	22.32 26	P	P	00 36 59.7 0.0
W52A	Murphy	22.32 26	P	P	00 37 00.7 +0.6
X54A	Belton	22.33 24	P	P	00 37 00.3 +0.1
X54A	Belton	22.33 24	P	P	00 37 00.5 -0.4
MACC	Macarena, Meta	22.44 121	eP	P	00 37 02.7 +1.4
CPCT	Cooper Cave	22.49 18	I Amb	I Amb	00 37 13.5
Z58A	St. Stephen	22.52 30	P	P	00 37 01.5 -0.4
SDV	Santo Domingo	22.58 101	P	I Amb	00 37 02.4 -0.5
SDV	Santo Domingo	22.58 101	P	I Amb	00 37 10.2
SDV	Santo Domingo	22.58 101	eP	P	00 37 03.3 +0.4
PBMO	Poplar Bluff	22.59 5	I Amb	I Amb	00 37 14.9
X55A	Gracelynn & Ava	22.65 25	P	P	00 37 02.3 -1.0
121A	Cookes Peak, D	22.66 326	P	P	00 37 06.1 +2.5
319A	Douglas	22.66 322	I Amb	I Amb	00 37 25.7
U32A	Winter Ranch,	22.71 347	I Amb	I Amb	00 37 16.5
Y57A	Sumter	22.81 28	P	P	00 37 03.7 -1.2
T35A	Sooner Cattle	22.82 353	I Amb	I Amb	00 37 05.9
MGMO	Mountain Grove	22.86 2	P	I Amb	00 37 05.1 -0.3
MGMO	Mountain Grove	22.86 2	P	I Amb	00 37 07.6
V51A	Loudon	22.87 18	P	P	00 37 05.0 -0.6
PAULI	Pauline	22.89 24	I Amb	I Amb	00 37 17.0
PTGC	Puerto Gallan	22.89 114	eP	P	00 37 05.6 -0.4
TKL	Tuckaleechee C	22.92 20	P	P	00 37 05.8 -0.3
TKL	Tuckaleechee C	22.92 20	P	P	00 37 05.8 -0.3
TKL	Tuckaleechee C	22.92 20	P	P	00 37 05.8 -0.3
TKL	Tuckaleechee C	22.92 20	P	P	00 37 05.8 -0.3
X56A	White Oak	22.93 26	P	P	00 37 04.8 -1.4
W54A	Cherokee Point	22.97 23	P	P	00 37 05.8 -0.8
Y58A	Scranton	23.05 29	P	P	00 37 06.2 -1.2
Y58A	Scranton	23.05 29	P	P	00 37 06.9 -0.5
DR12	Loma Pena Alta	23.13 75	P	P	00 37 07.3 -1.2
U49A	Red Boiling Sp	23.14 15	I Amb	I Amb	00 37 22.4
V52A	Sevierville	23.15 20	P	P	00 37 07.6 -0.8
V53A	Saluda	23.26 21	P	P	00 37 08.5 -1.1
GUVV	San Jose del G	23.26 118	eP	P	00 37 10.5 +0.7

T47A	Sharon Grove	23.29 12	I Amb	I Amb	00 37 25.9
X57A	Johnson Farm,	23.32 28	P	P	00 37 09.2 -0.9
KMCS	Kings Mountain	23.36 25	I Amb	I Amb	00 37 11.5
KMCS	Kings Mountain	23.36 25	P	P	00 37 09.2 -1.3
Y22D	IRIS PASCALI I	23.43 330	P	P	00 37 14.1 +2.7
Y22D	IRIS PASCALI I	23.43 330	P	P	00 37 12.6 +1.2
Y59A	Loris	23.51 31	P	P	00 37 11.5 -0.4
S44A	Canadale	23.63 8	I Amb	I Amb	00 37 27.5
W56A	Indian Trail	23.66 26	P	P	00 37 12.1 -1.4
V54A	Nebo	23.67 23	P	P	00 37 12.0 -1.6
X58A	Rowland	23.74 29	I Amb	I Amb	00 37 27.2
X58A	Rowland	23.74 29	P	P	00 37 12.7 -1.5
T49A	Edmonton	23.76 15	P	P	00 37 13.4 -1.0
CCM	Cathedral Cave	23.80 4	P	P	00 37 13.5 -1.3
CCM	Cathedral Cave	23.80 4	P	I Amb	00 37 16.7
CCM	Cathedral Cave	23.80 4	P	P	00 37 13.3 -1.4
TZTN	Tazewell	23.80 19	I Amb	I Amb	00 37 18.9
TZTN	Tazewell	23.80 19	P	P	00 37 12.9 -2.0
T50A	Nancy	23.86 16	P	P	00 37 13.4 -2.0
ANMO	Albuquerque	23.93 332	P	P	00 37 18.2 +1.9
ANMO	Albuquerque	23.93 332	P	LR	00 47 30.1
ANMO	Albuquerque	23.93 332	P	P	00 37 18.1 +1.9
ANMO	Albuquerque	23.93 332	P	P	00 37 18.0 +1.8
W57A	Gilead	23.94 27	I Amb	I Amb	00 37 31.1
W57A	Gilead	23.94 27	P	P	00 37 14.2 -1.9
U53A	Fall Branch	23.97 21	P	P	00 37 15.0 -1.4
V55A	Taylorville	24.02 24	I Amb	I Amb	00 37 19.7
V55A	Taylorville	24.02 24	P	P	00 37 16.0 -0.9
T51A	Gray	24.07 18	P	P	00 37 16.3 -1.0
X59A	McDuffie Farm,	24.11 30	P	P	00 37 16.6 -1.1
USIN	University of	24.13 10	P	I Amb	00 37 17.0 -0.9
USIN	University of	24.13 10	P	I Amb	00 37 32.1
W58A	Raeford	24.17 29	P	P	00 37 16.5 -1.7
TUC	Tucson	24.23 321	P	I Amb	00 37 21.6 +2.7
TUC	Tucson	24.23 321	P	P	00 37 23.6
TUC	Tucson	24.23 321	P	P	00 37 21.2 +2.3
V56A	Mocksville	24.28 25	P	P	00 37 17.4 -1.9
U54A	Nelsons Funny	24.28 22	P	P	00 37 18.8 -1.4
X60A	Albert Glenn T	24.42 31	P	P	00 37 19.3 -1.2
SLM	Saint Louis	24.45 5	P	I Amb	00 37 20.7 -0.1
SLM	Saint Louis	24.45 5	P	I Amb	00 37 24.7
S49A	Springfield	24.47 15	P	P	00 37 19.3 -1.7
T52A	Hallie	24.50 20	I Amb	I Amb	00 37 37.8
T52A	Hallie	24.50 20	P	P	00 37 19.8 -1.5
T53A	Wise	24.54 21	P	P	00 37 19.8 -1.9
S50A	Richmond	24.60 17	P	P	00 37 20.9 -1.3
V57A	Coltine Farms	24.65 27	P	P	00 37 21.0 -1.7
U55A	TA2, Sparta	24.66 24	P	P	00 37 21.4 -1.3
WCI	Wyandotte Cave	24.66 13	P	I Amb	00 37 21.3 -1.3
WCI	Wyandotte Cave	24.66 13	P	I Amb	00 37 39.1
WCI	Wyandotte Cave	24.66 13	P	P	00 37 21.8 -0.8
U56A	King	24.79 25	I Amb	I Amb	00 37 23.8
U56A	King	24.79 25	P	P	00 37 22.4 -1.5
S51A	Beattyville	24.80 18	P	P	00 37 22.9 -1.1
OLIL	Olney	24.81 9	I Amb	I Amb	00 37 40.8
V58A	Windy Hill, Pi	24.86 28	P	P	00 37 22.3 -2.2
T54A	Tazewell	24.95 22	P	P	00 37 24.0 -1.4
R49A	Shelbyville	24.98 15	I Amb	I Amb	00 37 43.3
R49A	Shelbyville	24.98 15	P	P	00 37 24.9 -0.6
T25A	Trinidad	24.98 338	P	P	00 37 28.0 +2.2
KSU1	Kansas State U	24.99 353	P	P	00 37 25.0 -0.6
CNCC	Cliffs of the	24.99 30	P	P	00 37 24.2 -1.5
S52A	Salyersville	24.99 19	P	P	00 37 25.1 -0.6
R50A	Paris	25.19 16	I Amb	I Amb	00 37 44.8
R50A	Paris	25.19 16	P	P	00 37 26.3 -1.1
V59A	Middlesex	25.25 29	P	P	00 37 26.1 -1.9
MLPR	Magueyies Islan	25.25 78	P	I Amb	00 37 29.2 +0.9
MLPR	Magueyies Islan	25.25 78	P	I Amb	00 37 34.7
214A	Organ Pipe Nat	25.27 318	P	P	00 37 30.5 +2.2
T55A	Pulaski	25.30 23	P	P	00 37 27.9 -0.6
U57A	Blanch	25.30 27	P	P	00 37 26.8 -1.7
S53A	Williamson	25.31 21	P	P	00 37 27.9 -0.7
X18A	Snowflake	25.35 326	I Amb	I Amb	00 37 35.8
R51A	Hillsboro	25.41 18	P	P	0

OGNE	Ogallala	27.76	345	P	P	00 37 52.0 +1.2
ISCO	Idaho Springs	27.77	339	P	P	00 37 52.0 +0.8
ISCO	Idaho Springs	27.77	339	P	P	00 37 53.1 +1.9
L40A	Anamosa	27.79	3	Iamb	Iamb	00 37 51.9
N50A	Nevada	27.83	16	P	P	00 37 52.6 +1.3
L42A	Oliver, Polo	27.84	5	P	P	00 37 50.6 -0.7
L42A	Oliver, Polo	27.84	5	P	P	00 37 55.5
SWSC	Sam W. Stewart	27.86	316	P	P	00 37 53.3 +1.6
MCWV	Mont Chateau	27.88	22	P	P	00 37 51.4 -0.3
Q57A	Strasburg	27.89	25	P	P	00 37 51.0 -0.9
O53A	New Philadelph	27.93	20	P	P	00 37 51.0 -1.2
U15A	North Rim	28.03	326	P	P	00 37 54.9 +1.4
R60A	Leonardtown, M	28.05	28	P	P	00 37 52.7 -0.5
BC3	Big Chuckawalk	28.07	317	P	P	00 37 56.0 +2.4
Q58A	Fox Den Farm,	28.12	26	P	P	00 37 52.2 -1.6
P56A	Dayton Farm, R	28.12	24	P	P	00 37 52.6 -1.3
O54A	Avella	28.15	21	P	P	00 37 52.8 -1.4
O54A	Avella	28.15	21	P	P	00 37 52.8 -1.4
IRM	Iron Mountain	28.18	319	P	P	00 37 57.0 +2.5
N51A	Ashland	28.19	17	P	P	00 37 54.7 +0.2
L44A	Lake County Fo	28.22	8	P	P	00 37 54.6 -0.1
L44A	Lake County Fo	28.22	8	Iamb	Iamb	00 37 56.2
M49A	Liberty Center	28.28	14	P	P	00 37 55.3 0.0
N52A	McGinn's Farm,	28.29	18	P	P	00 37 54.6 -0.8
L46A	Eue Claire	28.31	11	P	P	00 37 55.9 +0.4
L46A	Eue Claire	28.31	11	Iamb	Iamb	00 37 56.4
L46A	Eue Claire	28.31	11	P	P	00 37 56.2 +0.7
P57A	Homestead Farm	28.43	25	Iamb	Iamb	00 37 56.7
P57A	Homestead Farm	28.43	25	P	P	00 37 55.3 -1.3
M50A	Fremont	28.45	16	P	P	00 37 56.6 -0.2
Q59A	Harwood	28.50	27	P	P	00 37 55.9 -1.4
N53A	Lisbon	28.56	20	P	P	00 37 57.1 -0.7
N53A	Lisbon	28.56	20	P	P	00 37 56.7 -1.1
O55A	Ligonier	28.56	22	P	P	00 37 55.9 -1.9
L48A	N Adams	28.62	13	P	P	00 37 57.1 -1.3
BELC	Belle Mtn. Jos	28.64	317	P	P	00 37 58.6 -0.2
K43A	Burlington	28.68	7	P	P	00 37 59.8 +1.0
JFWS	Jewell Farm	28.70	4	P	P	00 37 59.0 0.0
XPFO	Pion Flat	28.70	316	P	P	00 38 00.2 +0.9
PFO	Pinyon Flats O	28.70	316	P	P	00 38 01.3 +2.0
PFO	Pinyon Flats O	28.70	316	LR	LR	00 49 42.5
PFO	Pinyon Flats O	28.70	316	P	P	00 38 00.8 +1.4
P58A	Pank, Wackers	28.74	26	P	P	00 37 57.7 -1.7
KNB	Kanab	28.75	326	P	P	00 38 01.1 +1.3
PKCU	Pink Cliffs	28.79	327	P	P	00 38 01.3 +0.9
N23A	Red Feather La	28.87	339	P	P	00 38 00.2 -0.6
O56A	Blue Knob Stat	28.89	23	P	P	00 38 00.0 -0.8
O56A	Blue Knob Stat	28.89	23	P	P	00 37 59.6 -1.1
GMRC	Granite Mounta	28.91	319	P	P	00 38 00.7 -0.4
L49A	Milan	28.93	14	P	P	00 38 00.3 -0.8
N54A	Moraine State	28.98	21	P	P	00 38 00.0 -1.5
N54A	Moraine State	28.98	21	Iamb	Iamb	00 38 01.0
N54A	Moraine State	28.98	21	P	P	00 38 00.2 -1.4
LCMT	Little Creek M	28.98	325	P	P	00 38 02.8 +1.1
Q60A	Greensboro	28.98	28	P	P	00 37 60.0 -1.5
O20A	White River Ci	29.05	336	Iamb	Iamb	00 38 08.3
O20A	White River Ci	29.05	336	P	P	00 38 04.5 +2.1
K46A	Dor	29.05	11	P	P	00 38 01.2 -0.9
M52A	Chesterland	29.06	18	Iamb	Iamb	00 38 08.2
M52A	Chesterland	29.06	18	P	P	00 38 01.0 -1.3
PHWY	Pilot Hill	29.07	341	P	P	00 38 03.5 +0.8
PHWY	Pilot Hill	29.07	341	Iamb	Iamb	00 38 07.4
SEUS	St. Eustatus	29.09	80	P	P	00 38 02.5 -0.2
AAM	Ann Arbor	29.14	14	P	P	00 38 03.0 0.0
N55A	Marion Center	29.18	22	P	P	00 38 02.1 -1.2
MTPU	Mount Pierson	29.18	328	P	P	00 38 04.5 +0.7
M53A	W. Miller and	29.18	19	P	P	00 38 02.1 -1.2
SRU	San Rafael Swe	29.20	331	P	P	00 38 04.6 +0.9
O57A	Amberson	29.20	25	P	P	00 38 02.0 -1.6
P59A	Jarrettsville	29.21	27	P	P	00 38 02.1 -1.5
SZCU	Shurtz Canyon	29.32	326	P	P	00 38 06.6 +1.8
Q16A	Castle Valley	29.35	330	P	P	00 38 06.1 +1.0
O58A	Lewisberry	29.43	26	P	P	00 38 04.7 -0.8
CCUT	Cedar City	29.44	326	P	P	00 38 08.5 +2.6
SSPA	Standing Stone	29.47	24	P	P	00 38 04.7 -1.2
SSPA	Standing Stone	29.47	24	Iamb	Iamb	00 38 12.2
SSPA	Standing Stone	29.47	24	P	P	00 38 04.9 -1.0
TUQ	Turquoise Moun	29.49	320	P	P	00 38 05.9 -0.4
MSU	Marysville	29.53	329	P	P	00 38 08.3 +1.6
N56A	West Decatur	29.55	23	P	P	00 38 05.0 -1.7
MVL	Millersville	29.57	27	Iamb	Iamb	00 38 06.2
ECSD	EROS Data Cent	29.58	355	Iamb	Iamb	00 38 11.9
ECSD	EROS Data Cent	29.58	355	P	P	00 41 12.2 +0.9
ECSD	EROS Data Cent	29.58	355	P	P	00 38 05.6 -1.2
M54A	Oil Creek Stat	29.58	21	P	P	00 38 05.5 -1.4
P17A	Butcher Ranch,	29.59	332	P	P	00 38 08.0 +0.9
PAGS	Pennsylvania G	29.60	26	P	P	00 38 04.7 -2.3
H40A	Norwalk	29.65	4	P	P	00 38 06.7 -0.7
TMUT	Trail Mountain	29.65	331	P	P	00 38 09.8 +1.8
SHPR	Sheep Range	29.73	322	P	P	00 38 10.1 +1.7
P60A	Greenville	29.73	28	Iamb	Iamb	00 38 07.3
P60A	Greenville	29.73	28	P	P	00 38 06.3 -1.9
TCRU	Three Creeks R	29.74	328	P	P	00 38 09.8 +1.1
L53A	Girard	29.78	19	P	P	00 38 07.5 -1.1
H42A	Drager Farm,	29.79	6	Iamb	Iamb	00 38 16.8
M55A	Ridgway	29.86	22	P	P	00 38 07.7 -1.6
O59A	Robesonia	29.90	26	P	P	00 38 08.1 -1.5
PSUB	Penn St. - Bra	29.91	28	P	P	00 38 07.7 -2.0
RDMU	Red Mountain	29.97	334	P	P	00 38 11.6 +1.0
M56A	Emporium	30.09	23	P	P	00 38 09.5 -1.9
N58A	Sunbury	30.11	25	P	P	00 38 10.3 -1.3
N58A	Sunbury	30.11	25	P	P	00 38 09.7 -1.8
J49A	Marlette	30.27	14	P	P	00 38 11.3 -1.6
L54A	Sinclairville	30.34	20	P	P	00 38 12.4 -1.2
DECC	Green Verdugo	30.34	316	P	P	00 38 13.4 -0.4
M57A	Sunshine Farm,	30.36	24	Iamb	Iamb	00 38 32.2
M57A	Sunshine Farm,	30.36	24	P	P	00 38 12.4 -1.4
PSUT	Pine Spring	30.42	327	P	P	00 38 15.9 +1.4
O61A	Allentown	30.45	29	P	P	00 38 12.9 -1.7
EDW2	Edwards Air Fo	30.48	317	P	P	00 38 14.0 -1.0
H43A	Windswept, Lux	30.49	7	P	P	00 38 14.3 -0.5
SUSD	Miller	30.55	352	P	P	00 38 14.4 -1.0
SUSD	Miller	30.55	352	P	P	00 38 15.0 -0.4
N59A	State Game Lan	30.57	26	Iamb	Iamb	00 38 22.8
N59A	State Game Lan	30.57	26	P	P	00 38 14.0 -1.7
NNA	Nana	30.59	148	LR	LR	00 47 58.8
L55A	Hinsdale	30.60	22	P	P	00 38 14.5 -1.4
SNCC	San Nicolas Is	30.62	313	P	P	00 38 16.6 +0.4
GRGR	Greenville	30.62	90	P	P	00 38 13.3 -3.1
K22A	Casper	30.63	340	Iamb	Iamb	00 38 19.1
K22A	Casper	30.63	340	P	P	00 38 17.4 +1.1
LRMC	Laurel Mtn Rd	30.63	318	P	P	00 38 16.7 +0.3
M58A	Price's Panora	30.66	25	P	P	00 38 14.5 -2.0
TPNV	Popoah Spring	30.67	322	P	P	00 38 18.2 +1.4
TPNV	Popoah Spring	30.67	322	P	P	00 38 19.1 +2.3
FURC	Furnace Creek,	30.73	320	P	P	00 38 19.1 +2.1
WVNY	West Valley, N	30.74	21	P	P	00 38 15.0 -2.1
WVNY	West Valley, N	30.74	21	Iamb	Iamb	00 38 16.4
BLG	Laguna Peak, P	30.76	315	P	P	00 38 18.8 +1.3
OSI	Osito Audit: C	30.81	316	P	P	00 38 19.5 +1.5
N60A	Cedar Hill Fer	30.83	27	P	P	00 38 15.7 -2.2
MPMC	Manual Prospec	30.87	319	P	P	00 38 20.7 +2.1
J52A	Paris	30.88	18	P	P	00 38 17.0 -1.3
L56A	Greenwood	30.88	23	P	P	00 38 16.8 -1.6
K54A	Basilliko Farm,	30.89	21	P	P	00 38 17.2 -1.3
SPMN	Marine on St.	30.91	0	Iamb	Iamb	00 38 19.2
SPMN	Marine on St.	30.91	0	P	P	00 38 17.4 -1.2
BRNJ	Basking Ridge	30.92	28	P	P	00 38 16.9 -1.7
CTU	Camp Tracy	31.03	332	P	P	00 38 20.4 +0.6
L57A	Andrews Acres	31.04	24	P	P	00 38 18.5 -1.3
DAC	Darwin (Calif)	31.07	319	P	P	00 38 21.9 +1.6
N61A	South Mountain	31.09	28	P	P	00 38 18.6 -1.4
DUG	Dugway, Tooele	31.14	330	P	P	00 38 22.0 +1.2
DUG	Dugway, Tooele	31.14	330	P	P	00 38 22.6 +1.8
ODNJ	Ogdensburg	31.22	27	Iamb	Iamb	00 38 21.0
M59A	Waymart	31.23	26	P	P	00 38 20.2 -1.3
I51A	Listowel	31.23	17	P	P	00 38 20.5 -0.9
R11A	Troy Canyon, C	31.24	324	P	P	00 38 24.0 +2.2
RSSD	Black Hills	31.25	345	P	P	00 38 23.0 +1.1
RSSD	Black Hills	31.25	345	Iamb	Iamb	00 38 24.0
RSSD	Black Hills	31.25	345	P	P	00 38 22.7 +0.8
G45A	Suttons Bay	31.36	10	Iamb	Iamb	00 38 24.2
G45A	Suttons Bay	31.36	10	P	P	00 38 21.3 -1.2
GRAC	Grapevine Rang	31.38	321	P	P	00 38 25.7 +2.9
M60A	Port Jervis	31.41	27	P	P	00 38 21.3 -1.7
K56A	Middlesex	31.45	23	P	P	00 38 21.2 -2.2
PAL	Palisades	31.47	28	Iamb	Iamb	00 38 22.9
PAL	Palisades	31.47	28	P	P	00 38 21.9 -1.7
L58A	Harry Jones Me	31.48	25	P	P	00 38 21.5 -2.1
CWC	Cottonwood Cre	31.48	319	P	P	00 38 25.5 +1.6
BINY	Binghamton	31.55	25	Iamb	Iamb	00 38 23.9
BINY	Binghamton	31.55	25	P	P	00 38 22.6 -1.6
N62A	Caumsett State	31.62				

Table with columns: I62A, BEKR, G59A, H61A, D53A, D53A, DGMT, I63A, G60A, TR4Q, ORV, D56A, E56A, WVOR, E57A, D55A, G61A, PTGA, PTGA, PTGA, ULM, ULM, ULM, E58A, D56A, O03E, F60A, MOD, G62A, G62A, J08A, D57A, EGMG, H64A, G63A, E60A, D58A, PKME, MSO, MSO, LATQ, G64A, LSQQ, D59A, E61A, E63A, I07A, M02C, D60A, SAML, SAML, I07A, G65A, KHMM, KHMM, F64A, JTMT, JTMT, JTMT, JCC, PINE, PINE, G08A, G08A, D61A, E63A, E63A, D62A, D62A, E64A, E09A, I04A, WALA, WALA, D63A, D63A, E08A, E08A, LPAZ, LPAZ, LPAZ, J01E, H04A, H04A, E07A, E07A, NEW, NEW, H04A, H04A, C09A, C09A, F05D

Table with columns: I02D, G03D, LTY, B08A, MNMC, FFC, D04E, LLLB, LLLB, LVC, RPN, FCC, FCC, CLDB, GO02, GO02, SCHO, SCHO, SCHO, SALV, ARAC, SMTS, YKA, YKA, DLBC, CPUP, BDFB, BDFB, BDFB, IPMB, WHY, WHY, DHAK, HHT, HHT, PCA, PCA, NBCL, NBMA, NRS, NBNP, CTGM, BARN, BARN, C36M, C36M, C36M, PLCA, PLCA, PLCA, BALM, BALM, TGL, CRQM, NBPA, I04A, DAWY, VRDI, VRDI, NBT, GLB, EPYK, EPYK, SFJD, EYAK, INK, RCBR, RCBR, RCBR, EGAK, EGAK, NBIT, GLI, SJMB, SCRM, NBPV, RIDG, BSFB, SCM, SCM, SML, DHY, DHY, GHO, PMR, PMR, NBRF, RCO1, BRLL, PMP, HDA, HDA, HLA, HLA, CCB, WRH, WRH, COLA, COLA, SMT, SMT, NEA, NEA, PPLA, PPLA, TULEG, TULEG, SWV2, SWV2, COLD, COLD

Table with columns: TOLK, SULK, RDOC, RDOC, ANN, NOR, BILL, MDT, NOA, NOA, ARCES, ARCES, TIC, TIC, LIC, LIC, DBIC, DBIC, DBIC, DBIC, KAC, KAC, DAVO, DAVO, RETA, RETA, CLL, CLL, CLL, FETA, FETA, MOTA, MOTA, BRG, BRG, TIXI, TIXI, GERES, GERES, GERES, ABTA, ABTA, KBA, KBA, FINES, FINES, FINES, MOA, MOA, TORD, TORD, TORD, CONA, CONA, TAM, TAM, MODS, MODS, VYHS, VYHS, AKASA, AKASA, AKASA, BRTR, BRTR, ZALV, ZALV, SONM, SONM, SONM, MKAR, MKAR, HHC, HHC, BOS, BOS, GEYT, GEYT, WMQ, WMQ, WMQ, NJ2, NJ2, GAT, GAT, KSH, KSH, KSH, KSH, STKA, STKA, STKA, LKZ, LKZ, LKZ, XAN, XAN, WHN, WHN, CD2, CD2, WARR, WARR, WARR, ALICE, ALICE, DAN, DAN, DAN, GKN, GKN, GUN, GUN, KKN, KKN, JIRN, JIRN, JIRN, PKIN, PKIN, PKI, PKI, TAPN, TAPN, RAM, RAM, ODAN, ODAN, CHTO, CHTO, CMAR, CMAR, KAR, KAR, DLV, DLV, PBK, PBK, HYB, HYB, PSA00

IDC 03 00:32:20.4, 1.3, 32:06N-40:24W, h0km, mb3.9/12, mb1 4.1/12, mb1mx3.8/48, mbtmp3.9/12, MS3.9/4, Ms1 3.9/4, ms1mx3.3/36, Error ellipse: s-maj=35.9km

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SMIR Smir Dam, AVE Averroes, EMUJ Mijas, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ELGU 5.2nm,0.3s,SNR=7.9, ARF Arif, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AROD Rodeo, ACVV Cuesta del Vie, ACAN Cantanil, etc.

PRU 03 03:01:42.1±0.0, 50.26N±18.75E, h0km, Error ellipse: s-maj=0.03:01:41.6±1.1, 50.27N±0.06:18.76E±0.03, h0km, n12, ±0.85/20, Poland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OKC Ostrowska-Krasne, QJC Qjow, MORC Moravsky Berou, etc.

CNRM 03 03:10:44.6±0.7, 34.10N±4.96W, h0km, Error ellipse: s-maj=0.7km s-min=4.6km az=45.0, MDD 03:10:45.9±3.0, 34.33N±5.05W, h0km, mb3.0/6, Error ellipse: s-maj=25.9km s-min=21.8km az=165.0, PRXIMO SOLLUCIN POBRE

SFS 03:10:46.0, 34.38N±5.06W, ML2.6, KARIA BA MOHAMED (MAFRUECOS) ISC 03:10:44.5±1.8, 34.23N±0.03:4.97W±0.04, h14km±13km, n21, ±1561/40, Morocco

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RSA Sarsar, MD31 MD31, MDT1 Midelt, etc.

IDC 03 03:11:11.8±7.6, 16.25S±176.55W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.5/36, mbtmp3.7/2, Error ellipse: s-maj=329.2km s-min=120.1km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Array Be, etc.

IDC 03:17:44.7±0.5, 33.07S±71.86W, h0km, mb4.9/19, mb1 4.8/24, mb1mx4.7/33, mbtmp4.7/24, ML4.4/5, MS4.6/15, Ms1 4.6/15, ms1mx4.4/29, Error ellipse: s-maj=20.1km s-min=11.3km az=74.0, MOS 03:17:44.7±1.7, 32.86S±71.98W, h10km, mb5.2/22, Error ellipse: s-maj=15.7km s-min=8.5km az=97.0, NEIC 03:17:44.3±2.9, 33.07S±0.04:72.05W±0.07, h10km±1km, Error ellipse: s-maj=9.8km s-min=6.8km az=292.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr:1.25; Mth:0.54; Mtt:0.179; Mtr:1.60; Mtr:0.57; Mtr:4.53; Fault plane solution: Ms5.10000x10^16 Np1; q1:162.29000; s32:71000; t76:99000; NIP2:343 49000; 314 88000; 1150:37000; Principal axes: T: 3.0987; Plg1:0.0000; Azm28.0000; N: -0.0080, Plg13.0000; Azm164.0000; P: -0.0916, Plg36.0000; Azm264.0000; SJA 03:17:45.5±0.7, 33.08S±72.14W, h10km, ML4.9, MW5.0 GUC 03:17:47.7±0.7, 33.06S±71.94W, h32km, ML4.8, GCMT 03:17:50.0±0.2, 33.21S±0.01:72.11W±0.02, h22km, MW5.2/100, Moment Tensor Solution. s76, c107; s100, c153; Duration: 1s0 Moment tensor: Scale 10^17 Nm; Mrr:0.70±0.02; Mth:0.06±0.01; Mtt:0.64±0.02; Mtr:0.07±0.02; Mtr:0.01±0.01; Mtr:0.62±0.03; Best double couple: M0:91600x10^17 Np1; q1:176.0000; s32:0000; 324.0000; 1.96.00000; NIP2:176.0000; 387.0000; 0.00000; Principal axes: T: 0.9440, Plg68.0000; Azm81.0000; N: -0.0580, Plg2.0000; Azm177.0000; P: -0.8870, Plg21.0000; Azm268.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

VAO 03:17:50.8±0.8, 33.19S±71.87W, h48km±6km, mb5.0, ISC 03:17:45.8±0.9, 33.12S±0.03:72.08W±0.03, h13km±5km, n749, ±1956/688, mb5.2/134, MS4.8/18, 1C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VA01 Torpederas, MT02 Curacav, ROC1 El Roble, etc.

TRCB Terra Rica, GO10 Punta Arenas, GO10 Santa Elena, etc.

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

CNRM 03 03:10:44.6±0.7, 34.10N±4.96W, h0km, Error ellipse: s-maj=0.7km s-min=4.6km az=45.0, MDD 03:10:45.9±3.0, 34.33N±5.05W, h0km, mb3.0/6, Error ellipse: s-maj=25.9km s-min=21.8km az=165.0, PRXIMO SOLLUCIN POBRE

SFS 03:10:46.0, 34.38N±5.06W, ML2.6, KARIA BA MOHAMED (MAFRUECOS) ISC 03:10:44.5±1.8, 34.23N±0.03:4.97W±0.04, h14km±13km, n21, ±1561/40, Morocco

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AAGR Agrelo, ASAL Salagasta, LAMA Las Malvinas, etc.

3d 3h

Table with columns for ID, Name, Time, and other details. Includes entries like O58A Lewisberry, OLIL Olney, CCM Cathedral Cave, etc.

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Table with columns for ID, Name, Time, and other details. Includes entries like ANMO Albuquerque, HDIL Hopedale, HDIL Hopdale, etc.

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Table with columns for ID, Name, Time, and other details. Includes entries like G57A Newington, G58A Ormstown, BC3 Big Chuckawall, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, D, Time, Res, ISC, h, m, s, ISC. Rows include stations like Troy Canyon, C, Labeul-sur-Ouev, Dugway, Tocele, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, D, Time, Res, ISC, h, m, s, ISC. Rows include stations like AML, Almayashu, USP, Aspenovka, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, D, Time, Res, ISC, h, m, s, ISC. Rows include stations like TEIG, Las Juntas de, JTS, Isla Barro Col, etc.

NEIC 03:29:54.5, 2.2, 14.1; 18N.0; 05:93; 06W.0; 04.0, h20km, 2km, Error ellipse: s-maj=7.1km s-min=6.0km az=197.0

MEX 03:29:55.1, 0.7, 14.1; 13N.93; 12W, h8km, 20km, MD4.5, IDC 03:29:58.2, 3.6, 14.1; 31N.92; 77W, h38km, 28km, MK3, 7/9, mb1.4/0.12, mb1mx3.8/3.5, mbtmp3.9/12, ML4.0/4, MS3.7/5, Ms1.3/7.5, ms1mx3.2/2.7, Near coast of Chiapas

GCG 03:30:03.0, 0.4, 14.1; 01N.92; 45W, h34km, MD4.4, ISC 03:29:57.0, 0.6, 14.1; 19N.0; 05:93; 03W.0; 04, h35km, n95, t=190/95, mb4.2/2.7, Near coast of Chiapas

KEA 03:30:01.2, 0.0, 40.64N; 122.29E, h0km, ML3.7/9, Northeastern China

Table with columns: Code, Station Name, Az, El, Op, Phase, D, Time, Res, ISC, h, m, s, ISC. Rows include stations like PYAG, Pyongyang, KYG, Kanggye, etc.

CNRM 03:49:32.1, 0.5, 34.21N; 4.83W, h0km, Error ellipse: s-maj=5.6km s-min=4.0km az=86.0

INMG 03:49:33.6, 2.0, 34.1; 19N.4; 86W, h14km, 9km, ML2.5, Error ellipse: s-maj=6.3km s-min=4.6km az=109.0

IGIL 03:49:33.8, 34.27N; 4.86W, h17km, ML2.4, SFS 03:49:33.0, 34.22N; 5.03W, ML3.2, LOULFA (MARRUECOS)

MDD 03:49:33.5, 1.8, 34.1; 12N.5; 06W, h16km, 31km, mb3.8/1.0, Error ellipse: s-maj=37.5km s-min=8.9km az=179.0, PRXIMO

ISC 03:49:34.7, 1.2, 34.25N; 0.02; 4.83W; 0.03, h28km, 13km, n58, t=189/112, Morocco

Table with columns: Code, Station Name, Az, El, Op, Phase, D, Time, Res, ISC, h, m, s, ISC. Rows include stations like RSA, Sarsar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like PALE, MD31, Midett, Smir Dam, Ceuta, Melilla, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like TNSN, TNSN, MDOK, MDOK, KOTS, KOTS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like FULB, TWF1, TWF1, YULB, YULB, etc.

SOME 03:51:33.1, 42.95N-77.05E, h10km, 4C-7D, Lake Issyk-Kul region

Table with columns: WHP, NNSB, HATJ, JISG, Taichung City, Datong, Hateruma jima, Ishigakijimah, 1.17 340 eP, 1.25 360 eP, 2.38 68 S, 3.02 62 P, 04 43 37.7 +0.2, 04 43 37.7 -0.9, 04 44 22.9 +0.1, 04 44 01.7 -1.1

THE 03 05:05:32.8, 37.83N-21.09E, h10km, 2km, ML2.6/8, Error ellipse: s-maj=2.6km s-min=0.7km az=43.0

ATH 03 05:05:32.3, 37.84N-21.12E, h18km, 1km, ML2.7/13, Error ellipse: s-maj=1.5km s-min=0.7km az=204.0

ISC 03 05:05:32.5-0.9, 37.84N-0.03-21.11E, 0.02, h15km, 6km, n46, c0517/64, Southern Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VTN Vitineika, KRI KERI, VLMS Volimes, Zaky, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VLS Valsamata, AMT Artemida-Makis, KEF2 Argostoli, etc.

WEL 03 05:23:21.1, 40'S-2.174E, h110km, 4km, M3.4/22, ML3.9/10, MLV3.4/22, Error ellipse: s-maj=0km, s-min=0km az=6. Cook Strait

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LREZ Lake Rotokare, WAZ Wanganui, DUWZ D'Urville Is, etc.

Table with columns: PKE, OGZW, MHEZ, TRCV, WZV, etc. Includes stations like Pukeiti, Otaki Gorge, Mangahewa, Vory Channel, Vera Road, etc.

DDA 03 05:36:42.9, 35.96N-31.51E, h17km, 2km, ML2.2, NIC 03 05:36:44.6, 0.0, 35.99N-32.26E, h5km, 4km, ML2.1/2

ISC 03 05:36:50.4, 36.52N-32.29E, h5km, ML2.2/10, ISC 03 05:36:39.3, 1.5, 35.79N-0.04-31.56E, 0.04, h6km, 11km, n24, c154/33, Cyprus region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GAZI Gazipasa, ALAN Alanya-ANTALYA, AKMS Akamas, etc.

DDC 03 05:39:27.4, 4.1, 30.23N-132.29E, h0km, mb3.4/4, mb1.3/7.4, mb1mx3.3/27, mbtrp3.4/4, Error ellipse: s-maj=279.5km s-min=28.1km az=103.0

JMA 03 05:39:30.0, 0.2, 30.14N-132.41E, h76km, M3.0, ISC 03 05:39:28.8, 2.7, 30.20N-0.05-132.42E, 0.06, h11km, 16km, n17, c139/23, mb3.4/4, Southeast of Shikoku

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JTN Tanegashima 3, JMN Minamitane, JTR Tashiro 2, etc.

Table with columns: JYAK, JYAK, JNKG, TAKAZAKI, JTZ, UNJN, etc. Includes stations like Yakushimahirau, Nichinankitago, Takazaki, etc.

INET 03 05:53:38.4, 12.47N-87.76W, h68km, ML3.5, SNET 03 05:53:39.3, 1.0, 12.55N-87.88W, h47km, 20km, ML2.5, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CNCH Conchagua, LCND La Caada, JUCU Jucuarjn, etc.

INET 03 06:00:21.8, 12.49N-87.77W, h71km, ML3.5, SNET 03 06:00:22.0, 0.6, 12.49N-87.86W, h29km, 5km, ML3.1, 2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CNCH Conchagua, LCND La Caada, JUCU Jucuarjn, etc.

GCG 03 06:10:03.0, 4.0, 13.50N-93.17W, h11km, MD4.1, MEX 03 06:10:06.6, 0.7, 14.12N-93.28W, h5km, 19km, MD4.7

NEIC 03 06:10:08.8, 2.2, 14.32N-93.02W, 0.05, h22km, 4km, mb4.6/121, Md4.7/16(MEX), Error ellipse: s-maj=9.8km s-min=5.4km az=212.0

DC 03 06:10:09.4, 5.2, 14.22N-92.95W, h33km, 36km, mb3.9/11, mb1.4/2.15, mb1mx4.0/45, mbtmp4.2/15, ML4.1/4, MS3.9/16, Ms1.3/9.16, ms1mx3.7/39, Error ellipse: s-maj=36.3km s-min=15.0km az=36.0

GCMT 03 06:10:11.9, 0.5, 14.36N-93.28W, 0.04, h16km, 2km, MM4.8/67, Moment Tensor Solution, s13c16; s67_c84; Duration: 0 Moment tensor: Scale 10^18Nm; M1.54; 1.6; Mw=0.94; Mo=0.59; Ms=1.04; 2.4; Mv=0.38; Ms=1.66; 36; Best double couple: M2.37300x10^16

NP1: 299.00000, 873.00000, 1.67.00000. NP2: 143.00000, 873.00000, 1.97.00000. Principal axes: T 2.6040, Plg61.0000, Azm64.0000; N -0.4620, Plg7.0000, Azm321.0000; P -2.1420, Plg28.0000, Azm227.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 06:10:06.4, 1.3, 14.20N-93.05-93.16W, 0.04, h13km, 9km, n189, c155/195, mb4.5/22, MS3.7/14, 2C, Near coast of Chiapas

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like THIG Tepich, PCIG Comitn, ERG Entre ros, C, etc.

APG 03 06:10:06.4, 1.3, 14.20N-93.05-93.16W, 0.04, h13km, 9km, n189, c155/195, mb4.5/22, MS3.7/14, 2C, Near coast of Chiapas

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NBG Las Nubes, HUG Huatulco, HUG Huatulco, etc.

Table of station data for the left column, including call signs, names, coordinates, and status. Includes stations like 061Z Ochoppi, 553A Crawfordville, 553A Blakely, etc.

Table of station data for the middle column, including call signs, names, coordinates, and status. Includes stations like SJG San Juan, S22A 4UR Ranch, TS9A Double "B" Far, etc.

Table of station data for the right column, including call signs, names, coordinates, and status. Includes stations like CCIG Comitan, CCIG Comitan, CCIG Comitan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRX Arik, KOK Koryaka, ESO Esso, DALK Dalny, etc.

OMAN 03 06:46:32.3-0.4, 12.89N:49.70E, h34km, 68km, ms3.1/1, Error ellipse: s-maj=21.5km s-min=7.2km az=247.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SOCY Socotra, ABTO Aybut, WHFO Wadi Hawf, etc.

ATD Arta Tunnel 8.04 259 LR LR 06 51 00.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DQM DQM, EIL Eliat, GEYT Alibeck, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, BRTR Keskin Array B, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, BVAR Borovoye Array, LBTB Lobatse, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TORD Torodi Ar. Bea, BOSA Boshof, ZALV Zalesovo Beam, etc.

IDC 03 07:12:52.8-1.3, 13.26N:50.76E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/41, mbtmp3.6/71, MS3.4/2, Ms1 3.4/2, ms1mx2.8/45, Error ellipse: s-maj=37.8km s-min=30.0km az=144.0, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, MKAR Makanchi Array, KURBB Kurchatov Arr, etc.

UPA 03 07:24:16.9-1.8, 10.60N:84.12W, h77km, 19km, MW3.7, UCR 03 07:24:17.3-1.4, 10.28N:84.29W, h95km, 4km, MD3.8, MW3.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SRA1 San Ramn, HDC Heredia, FORC Fortuna, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRU2 Volcan, BCO2 Palмира, PTAR3 Potrerillos Ar, etc.

TRN 03 07:27:45.3, 10.43N:63.20W, h3km, MD3.5, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUIV Guiria, ORIV Oritupano, TRN Trinidad (W), etc.

IDC 03 07:28:40.1-8.4, 17.34S:172.31W, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.7/28, mbtmp4.0/3, MS3.5/2, Ms1 3.5/2, ms1mx3.1/38, Error ellipse: s-maj=366.3km s-min=37.2km az=140.0

NEIC 03 07:28:43.2-2.6, 17.28S:103.172:01W:0.09, h35km, 1km, mb4.1/3, Error ellipse: s-maj=14.2km s-min=4.7km az=82.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFU Afiamalu, MSVF Nonsavu, etc.

IDC 03 07:39:16.4-1.9, 15.07S:170.60E, h696km, 26km, mb3.3/8, mb1 3.7/10, mb1mx3.2/33, mbtmp4.6/10, Error ellipse: s-maj=37.4km s-min=14.6km az=146.0

ISC 03 07:39:13.4-0.6, 15.03S:0.09:170.75E:0.09, h650km, n57, s1707/57, mb4.5/23, 23, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, MSVF Nonsavu, DZM Mont Dzumac, etc.

ARMA Armale 23.30 226 P P 07 43 51.1 +0.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARMA Armale, URZ Urewera, URZ Black Stump Fm, etc.

COEN Coen 26.72 269 P P 07 44 04.4 -0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, KHZ Kahutara, LTZ Lake Taylor, etc.

ASAR Alice Springs 35.73 250 P P 07 45 20.2 -0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboo, MFTN Manton Dam, FORT Forrest, etc.

ASAR Alice Springs 35.73 250 P P 07 45 20.2 -0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MORW Morawa, NZP2 Nanjing, PETK Petropavlovsk, etc.

QSPA South Pole Qui 75.00 180 P P 07 49 03.3 -0.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LZH Lanza, LZH Lanzhou, LZH Lanzhou, etc.

VRDI Verde Repeater 84.24 20 P P 07 50 36.2 -2.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, SYO Syowa Base, WMQ Ururu, etc.

ARCS ARCS Array B 121.36 346 P P 07 56 52.7 -1.2

KRNET 03 07:43:39.5-0.1, 39.59N:71.91E, mb2.8, ISU 03 07:43:40.0, 39.50N:72.00E, h15km, SOME 03 07:43:42.9, 39.80N:72.10E, h0km, NINC 03 07:43:44.8, 1.5, 39.76N:72.08E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=11.5km s-min=5.9km az=178.0

ISC 03 07:43:42.0-2.5, 39.59S:101.7175E:0.04, h13km, 14km, n47, r152/76, 17C-12D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, BTK Batken, FRG Fergana, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARLS, MRKS, UCH, EKS2, KZA, KK31, AAK, AAK, AAK, BRLS, BRLS, BRLS, BRLS, BRLS, CHMS, CHMS, CHMS, SGDS, SGDS, KST, KST, KST, DGS, DGS, DGS, DGS, IZV, IZV, IZV, TNSS, TNSS, TNSS, MDOK, MDOK, MDOK, MDOK, KOTS, KOTS, KOTS, KUU, KUU, KUU, KTBS, KTBS, KTBS, BTLS, BTLS, BTLS, CHKK, CHKK, CHKK, ARXS, ARXS, ARXS.

TAP 03 07:48:24.1, 23.18N, 121.35E, h21km, ML2.0, 2D, C,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FULB, CHKT, CHKT, TW1, TW1, YULB.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YULB, ELDTW, ELDTW, HGSD, HGSD, TWGBT, TWGBT, TWG, TWG, TTN, TTN, YUS, YUS, STYT, STYT, ALS, ALS, VVWD, VVWD, TPUB, TPUB, WTP, WTP, WHYT, WHYT, SSSL, SSSL, SSSL, SSSL, CHN4, CHN4, CHN5, CHN5, CHN1, CHN1, OWD, OWD, TWK, TWK, SMLT, SMLT, TYC, TYC, CHGB, CHGB, CHGB.

INET 03 08:14:59.4, 12.49N, 87.74W, h65km, ML3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNCH, CNCH, JUCU, JUCU, LCND, LCND, ALJI, ALJI, PACA, PACA, TECA, TECA, COEB, COEB, FAGO, FAGO, COEG, COEG, PAVA, PAVA.

UCR 03 08:30:28.3, 1.4, 10.47N, 84.96W, h90km, 4km, MD3.6,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ACAL, ACAL, JTS, JTS, PTEN, PTEN, CEDE, CEDE, COLC, COLC, GUAB, GUAB, MESS, MESS, PLVR, PLVR, BUAI, BUAI, BUEV, BUEV, GBS3, GBS3, GUAI, GUAI, NY14, NY14, SRA1, SRA1, LCR2, LCR2, EDDO, EDDO, EDLM, EDLM, ESPN, ESPN, EDDB, EDDB.

INET 03 08:46:45.6, 12.51N, 87.70W, h65km, ML3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNCH, CNCH, CNCH, LCND, LCND, JUCU, JUCU, JUCU.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PACA, PACA, ALJI, ALJI, TECA, TECA, COEB, COEB, FAGO, FAGO, COEG, COEG, PAVA, PAVA.

IDC 03 08:50:19.1, 0.8, 55.84S, 25.97W, h0km, mb4.4/5,

mb1.4/4.6, mb1mx4.0/33, mbtmp4.3/6, ML3.6/1, MS3.4/1, s-min=19.7km, az=73.0, Error ellipse: s-maj=35.6km

NEIC 03 08:50:24.5, 1.0, 55.9S, 0.1, 26.1W, 0.2, h35km, 1km,

mb4.6/13, Error ellipse: s-maj=27.2km, s-min=16.4km

ISC 03 08:50:26.0, 6.0, 7.55S, 0.1, 26.0W, 0.1, h10km, n42,

0570/45, mb4.5/11, 1D, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOPE, HOPE, VNA1, VNA1, VNA3, VNA3, VNA2, VNA2, SNA4, SNA4, SNA4, SNA4, PMSA, PMSA, SYO, SYO, GSPA, GSPA, QSPA, QSPA, CPUP, CPUP, G002, G002, LVC, LVC, LVC, VDA, VDA, VDA, VDA, G001, G001, PB11, PB11, MNMC, MNMC, MNMC, LPAZ, LPAZ, LPAZ, TOAO, TOAO, TOAO, TORO, TORO, TORO, YKA, YKA, YKA, INK, INK, EPYK, EPYK, EPYK, DAWY, DAWY, SCRK, SCRK, SCRK, RIDM, RIDM, RIDM, FYU, FYU, IL31, IL31, ILAR, ILAR, CCB, CCB, CCB, WRH, WRH, WRH, WRH, REIN, REIN, TOIL, TOIL, KTH, KTH, BPAA, BPAA.

MEX 03 08:55:42.8, 0.7, 14.05N, 93.08W, h10km, 21km, MD4.0

NEIC 03 08:55:43.2, 2.1, 14.19N, 0.07, 93.03W, h0.04, h23km, 6km, mb4.0/1, Md4.0/20(MEX), Error ellipse: s-maj=10.6km, s-min=5.6km, az=18.0

IDC 03 08:55:44.9, 4.3, 14.51N, 92.93W, h0km, mb3.6/2,

mb1.4/0.6, mb1mx3.6/41, mbtmp3.7/6, ML3.7/4, MS2.5/2, Ms1.2/5.2, ms1mx2.3/40, Error ellipse: s-maj=81.9km, s-min=26.2km, az=13.0

GCG 03 08:55:48.7, 0.5, 14.03N, 92.53W, h14km, MD4.1

ISC 03 08:55:39.9, 2.0, 14.10N, 0.07, 93.01W, 0.04, h5km, 14km, n23, c1f53/38, mb3.8/3, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THIG, THIG, THIG, THIG, STG3, STG3, PCIG, PCIG, PCIG, PCIG, FUGO, FUGO, FUGO, COMI, COMI, COMI, COMI, CCIG, CCIG, CCIG, CCIG, IXP, IXP, IXP, APG, APG, APG, TGIG, TGIG, TGIG, TGIG, HUIG, HUIG, HUIG, HUIG, CMIG, CMIG, CMIG, CMIG, TEIG, TEIG, TEIG, TXAR, TXAR, TXAR, AMTX, AMTX, AMTX.

NVAR Mina Array Bea 32.99 322 P P 09 02 19.5 +3.4
YKA Yellowknife Ar 50.71 347 P P 09 04 40.9 +0.6

PETK Petropavlovsk- 89.29 35 LR LR 09 53 32.9
NVAR Mina Array Bea 127.57 349 PKP PKIKP 09 17 11.3 +1.3

KAPS Kaporalaras 2.40 346 eP Pb 10 02 44.1 +0.8
KAPS 6.0nm,0.3s eS Sb 10 03 15.0 +2.2

GCMT 03 08:58:00.6:0.4, 13.27N,0.02:50.50E:0.04,h18km,1km,
MW4.8/73, Moment Tensor Solution. s19,c21; s73,c93;
Duration: 0 Moment tensor: Scale 10^19Nm; M1r-1.96z; 15;

IDC 03 09:08:08.3:1.6, 24.27S; 115.94W, h0km, mb4.0/5,
mb1 4.2/5, mb1mx3.9/27, mbmp4.0/5, MS3.6/3, Ms1 3.6/3,

KRNET 03 10:02:39.9:0.1, 42.65N; 78.49E, h30km, mb1.8, 4C-6D,
Lake Issyk-Kul region

OMAN 03 08:58:01.6:1.1, 13.41N:50.78E, h6km, 15km, 8/3
Error ellipse: s-maj=24.3km s-min=1.6km az=107.3

ISC 03 09:08:09.8:1.7, 24.33S:0.4x116.0W:0.4,h12km,n17,
o=532.9,mb4.0/5,Southern East Pacific Rise

PRZ Przheval'sk 0.18 201 fP Op ISC h m s ISC
baz=98 09 10 02 46.1 0.0

NEIC 03 08:58:03.6:2.2, 13.26N:0.08:50.86E:0.05,h10km,1km,
mb4.3/12, Error ellipse: s-maj=14.9km s-min=4.8km

Code Station Name Delta AZZ Phase ID Time Res
ISC h m s ISC

ANVS Anan'yev 0.62 283 fP Op ISC h m s ISC
baz=83 09 10 02 51.4 0.0

ISC 03 08:58:03.6:0.6, 13.29N:0.08:50.89E:0.08,h12km,n59,
o193/42,mb4.3/16,MS3.9/26,Eastern Gulf of Aden

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

BOOM Boomsygo usch 1.89 266i eP Op ISC h m s ISC
baz=66 09 10 03 12.4 -1.4

SOCY Socotra 3.21 110 Op ISC h m s ISC
ABTO Aybut 4.66 30 P P 08 59 12.1 -1.9

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHL Ulhal 1.71 257i eP Op ISC h m s ISC
baz=57 09 10 03 09.8 -1.0

ATD Arta Tunnel 8.05 258 Pn 09 00 00.4 -0.2

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHL Ulhal 1.71 257i eP Op ISC h m s ISC
baz=57 09 10 03 09.8 -1.0

RAYN Ar Rayn 11.39 334 LR Pn 09 00 45.9 -0.4

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

UOSS Mirazif 12.63 23 Pn 09 01 03.8 +0.5

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

KMBO Kilima Mboyo 19.70 224 P 09 02 33.3 -1.4

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

HRA Herat 23.20 24 P 09 03 14.3 +1.7

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

MMAI Mount Meron Arr 24.20 327 LR 09 13 10.6

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

MBAR Mbarara 24.28 237 P 09 03 23.1 +1.8

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

GEYT Alibeck 25.37 13 P 09 03 31.9 +1.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

GYAO ALIBECK ARRAY 25.37 13 P 09 03 29.2 -1.6

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

GNI Garni 27.30 350 LR 09 16 24.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

GNI Garni 27.30 350 LR 09 16 24.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

KSH Kashi 34.23 36 P 09 04 49.5 0.0

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

AKA Ala-Archa 35.67 30 P 09 05 19.4 +2.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

AKTO Aktyubinsk 37.50 7 P 09 05 19.4 +2.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

AKASG Malin Array Be 41.27 339 P 09 05 48.8 +0.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

MKAR Makanchi Array 42.53 32 P 09 06 00.9 +1.7

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

MK31 Makanchi Array 42.53 32 P 09 05 59.1 0.0

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

OBN Obninsk 43.21 348 LR 09 26 12.3

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

KURK Kurchatov 43.60 25 P 09 06 07.9 +0.2

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

CMAR Chiang Mai Arr 46.40 77 P 09 06 32.5 +2.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

GERES GERESS Array B 46.86 327 P 09 06 34.2 +0.5

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

TOAO Torodi Ar. Sit 47.83 276 P 09 06 41.6 0.0

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

KLMR Klimovskoe 48.21 353 e AMP 09 06 49.9

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

ZALV Zalesovo Beam 48.57 26 P 09 06 46.9 +0.1

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

FINES FINESS Array B 51.33 345 LR 09 30 42.4

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

NOA NORSAF Array B 55.52 338 LR 09 35 13.2

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

ARCES ARCESS Array B 58.46 350 LR 09 35 25.5

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

ASAR Alice Springs 89.00 114 P 09 10 59.8 +0.8

Code Station Name Delta AZZ Op Phase ID Time Res
ISC h m s ISC

ULHD Uludag 0.54 333 iP Pg 10 11 40.7 -0.1

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3d 11h

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

IDC 03 10:17:35.42,2.4'16S:102.44E,h0km,mb4.0/7, mb1 4.1/7,mb1mx3.7/46,mbtmp.0/7, Error ellipse: s-maj=107.6km s-min=19.6km az=52.0

NEIC 03 10:17:48.2,1.0,4'2S:0.3:102.6E:0.2,h104km,6km, mb4.3/5, Error ellipse: s-maj=42.9km s-min=17.1km az=212.0

DJA 03 10:17:49.7,0.4,4'S:6'10"E, h83km,4km, M4.0/9, mb4.3/1,MLV3.9/9

ISC 03 10:17:48.0,0.8,4.1S:0.1:102.75E:0.09,h103km,6km, n26, <0.57/31,mb4.1/10,Southern Sumatara

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

NIED 03 10:29:00,38.70N:142.30E,h32km,Mw3.6 Best double couple: M2.850000*10^14 NP1.3e8.000000*,887.000000*, lambda104.000000*, NP2.3e11.000000*,delta1.000000*,lambda13.000000*

JMA 03 10:29:50.7,0.1,38.68N:142.31E,h35km,2km,M3.8 JMA Felt J1

IDC 03 10:29:53.4,2.6,38.65N:142.24E,h52km,22km,mb3.4/8, mb1 3.5/13,mb1mx3.4/45,mbtmp3.6/13,ML3.1/4,MSZ.7/1, Ms1 2.7/1,ms1mx2.2/20,Error ellipse: s-maj=25.4km s-min=14.6km az=119.0

ISC 03 10:29:51.2,1.8,38.67N:0.06:142.28E:0.08,h28km,11km, n31,<1.07/35,mb3.7/8,Near east coast of eastern Honshu

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

2014 MAR

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

IDC 03 10:37:01.8,6.5,18.35S:177.98W,h489km,66km,mb3.0/6, mb1 3.2/6,mb1mx3.1/23,mbtmp3.9/6, Error ellipse: s-maj=62.6km s-min=24.2km az=134.0

ISC 03 10:37:02.7,1.8,18.35S:0.4:178.17W:0.3,h500km,n8, <0.94/10,mb3.5/6,Fiji Islands region

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

INET 03 10:45:58.3,12.52N:87.73W,h66km,ML4.0 SNET 03 10:45:57.4,0.9,12.45N:87.93W,h20km,7km,ML3.4

IC-20, Near coast of Nicaragua

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

NIED 03 11:10:00,25.10N:124.80E,h8km,Mw3.6 Best double couple: M2.900000*10^14 NP1.3e11.000000*,350.000000*, lambda101.000000*, NP2.3e11.000000*,delta1.000000*,lambda177.000000*

JMA 03 11:10:05.2,0.2,25.09N:124.80E,h7km,M3.8,Northeast of Taiwan

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

INET 03 11:20:58.5,12.47N:87.83W,h60km,ML3.6 SNET 03 11:20:59.7,0.8,12.55N:87.87W,h48km,26km,ML3.1,1D, Near coast of Nicaragua

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

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

SOME 03 11:25:43.2,40.85N:69.58E,h5km KRINET 03 11:25:49.1,0.1,41.04N:69.75E,mb2.8 NINC 03 11:25:52.3,3.6,40.97N:70.21E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=25.7km s-min=13.6km az=32.0

ISC 03 11:25:47.2,2.4,41.00N:70.6789E:0.07,h3km,13km, n20,<2.15/32,7C-4D,Kyrgyzstan

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

IDC 03 11:39:52.3,7.2,18.02S:173.76W,h0km,mb3.9/3, mb1 4.1/4,mb1mx3.7/43,mbtmp3.9/4,ML3.7/1, Error ellipse: s-maj=248.8km s-min=34.2km az=131.0

NEIC 03 11:40.0,1.9,17.51S:0.09:173.8W:0.1,1,h70km,13km, mb4.2/7, Error ellipse: s-maj=19.6km s-min=11.8km az=67.0

ISC 03 11:40.0,1.9,17.44S:0.07:173.55W:0.09,h100km, n13,<1.94/16,mb4.1/8,Tonga Islands

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

UPA 03 11:53:34.2,2.1,7.44N:81.04W,h0km,4km,MW4.2 UCR 03 11:53:36.4,3.1,7.68N:81.08W,h3km,20km,MW4.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GMAL Guarumal, Veraguas, PNU3 Ponuga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGKR, MAK Makhachkala, MAK Mak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KVAR, KIV Kislovodsk, GOF Gofitskoye, etc.

Bottom section containing various codes and station names, possibly a continuation or summary of the main tables.

3d 16h

Table with columns: TPNV, comp, elevation, azimuth, distance, elevation error, azimuth error, distance error, and other station-specific data.

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Table with columns: SML, comp, elevation, azimuth, distance, elevation error, azimuth error, distance error, and other station-specific data.

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Table with columns: ZEA, Zeya, elevation, azimuth, distance, elevation error, azimuth error, distance error, and other station-specific data.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KBA Koelnbreinsper, UBR Ueberhurr, OBKA Obir, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like URZ Urewera, URZ Urewera, BKZ Black Stump, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ILS Iliamna Low So, CNPM China Poot, GLI Glacier Island, etc.

IDC 03 16:10:49.6:3.0, 18.04'Sx178.64'W, h563km, 3gkm, mb4.0/15, mb1.1/16, mb1mx3.9/50, mbtmp4.8/16, Error ellipse: s-maj=19.8km s-min=12.2km az=178.0

DDA 03 16:23:08.1, 36.77'N-38.71'E, h2km, 1km, ML2.2, ISK 03 16:23:08.6, 36.81'N-38.70'E, h5km, ML2.5/7

LDG 03 16:27:37.6:0.1, 44.55'N-2.67'E, h15km, Md2.1/1, M12.1/18, Error ellipse: s-maj=1.5km s-min=1.1km az=108.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like RAR Rarotonga, RAR Rarotonga, PPT Papeete, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like SURC SANLIURFA, SURC SURC, SURC SURC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CAF Calvico, CAF Calvico, LASF Ste Croix, etc.

KRSC 03 16:21:11.6:1.7, 48.37'Nx156.96'E, h6km, 38km, ML3.7, East of Kuril Islands

NEIC 03 16:23:37.4:1.0, 61.08'N-0.03:151.07'W, h67km, 6km, Error ellipse: s-maj=4.1km s-min=3.0km az=220.0

LJU 03 16:28:21.5, 45.78'N-14.88'E, h2km, ML0.2, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like SKR Severo-Kuril's, PAU Pavezhetka, KDTR Khodutka, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CAPN Captain Cook, FIS Fire Island, SUSA Susitna, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like VISS Visnje, VISS Visnje, comp=Z.20nm,0.1s, etc.

IDC 03 16:22:1.2:1.2, 16.16'Sx173.2'W, h10km, 1km, mb4.9/17, Error ellipse: s-maj=20.2km s-min=13.2km az=88.0

AEIC 03 16:23:38.1:1.6, 61.07'N-0.02:151.01'W, h68km, 6km, ML2.6/73, Error ellipse: s-maj=4.0km s-min=2.4km az=140.0, Southern Alaskas

IDC 03 16:42:12.7:3.4, 1.58'N-92.79'E, h0km, mb3.4/3, mb1.3/5.4, mb1mx3.3/50, mbtmp4.4/3, ML3.3/1, MS2.7/1, M1.2/9.1, ms1mx2.6/34, Error ellipse: s-maj=103.7km s-min=29.7km az=63.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like AFI Afiamala, AFI Afiamala, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CAPN Captain Cook, FIS Fire Island, SUSA Susitna, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

NNC 03 16:56:17.0:11.0, 37.19'N-70.62'E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=94.3km s-min=69.8km az=167.0

ISC 03 16:56:17.1:3.6, 36.39'N-0.2:70.8'E, h1.0, h35km, n10, 1507/14, 7C-1D, Hindu Kush region

ISC 03 16:56:17.1:3.6, 36.39'N-0.2:70.8'E, h1.0, h35km, n10, 1507/14, 7C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like MLY Manley, TX31 Lajitas Ar. Si, TX32 Lajitas Array, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like WMQ comp=Z,100nm,6.9s, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, etc.

IDC 03 17:22:04.6:2.6, 4.31N, 124.59E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.1/58, mbtbp3.2/3, Error ellipse: s-maj=312.3km s-min=25.8km az=64.0

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Code Station Name, Az, El, P, R, Time, Res.

TAP 03 17:23:59.1, 23.73N, 121.60E, h51km, ML2.9, C JMA 03 17:23:59.0:0.1, 23.72N, 121.61E, h42km, 2km, M2.4

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Code Station Name, Az, El, P, R, Time, Res.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like EHY Hungye, NACB Ningxiaohao, NACB Ningxiaohao, etc.

Table with columns: TWH, Lutaob, 1.02 188 P, Pn, 17 24 17.1 -0.8, etc. Includes station names like Tsaushan, Beinan, Pinlang, Zhanguhua, Wulai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station names like Basco, Brgy. Tapao, Conner, Caugay, San Manuel, Pa, Baler, Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station names like Maximikha, Suvo, Turuntaevo, Ulyunkhan, Tyrgan, Fofonovo, Kabansk, Stepnoy Dvoret, Nizh Angarsk, Khuramsha, Kumora, Bolshoye Golou, Uoyan, Chita, Listvyanka, Uakit, etc.

IDC 03 17:33:36.9:1.2, 20:10N:120:47E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.5/46, mbtmp3.5/6, MS2.2/1, Ms1 3.4/1, ms1mx2.8/35, Error ellipse: s-maj=53.7km s-min=18.5km az=63.0

BYKL 03 17:44:11.8:0.2, 53:62N:109:02E, h16km, dkm MOS 03 17:44:11.3:1.4, 53:50N:109:19E, h10km, mb3.6/1, Error ellipse: s-maj=12.9km s-min=7.8km az=63.4

ISC 03 17:44:11.1:1.0, 6.53:56N:0:02:109:17E:0:02, h10km, n49, c1894/104, mb3.3/3, ACZ-1D, Lake Baykal region

MNQ			SN	Sn	19 13 38.1	-6.7
MNQ			Trac		19 13 48.0	
ICQ	comp=Z,5.6nm,0.1s					
ICQ	Pointe Anglais	12.12 218	PN	Pn	19 11 37.8	-0.8
ICQ			Trac		19 13 48.0	-5.6
KJKO	comp=Z,19nm,0.5s					
KJKO	Kuujujarapik	12.53 259	PN	Pn	19 11 44.0	-0.2
KJKO			Trac		19 13 55.8	-7.8
					19 14 00.6	
CNQ	comp=Z,29nm,0.3s					
CNQ	Baie Comeau	12.56 219	PN	Pn	19 11 44.0	-0.7
			Trac		19 14 04.2	
GSQ	comp=Z,3.2nm,0.1s					
GSQ	Groses Roches	12.61 216	PN	Pn	19 11 45.8	+0.4
GSQ			Trac		19 13 58.9	-6.8
					19 14 04.2	
CHEG	comp=Z,5.6nm,0.2s					
CHEG	Cheticamp, Nov	13.22 194	PN	Pn	19 11 54.6	+0.9
CHEG			Trac		19 14 13.1	-7.6
					19 14 21.8	
BATG	comp=Z,5.1nm,0.9s					
NMSQ	Bathurst New B	13.81 210	PN	Pn	19 12 01.3	-0.4
NMSQ	Nemaska Statio	13.83 244	PN	Pn	19 12 01.4	-0.6
NMSQ			Trac		19 14 25.1	-1.0
					19 14 28.4	
D63A	comp=Z,60nm,0.3s					
D63A	Stockholm	14.59 215	P	Pn	19 12 10.8	-1.6
	baz=25,SNR=7.4					
D63A			S	Sn	19 14 44.2	-1.0
SUMG	baz=25					
GBN	Summit	14.63 21	Pn	Pn	19 12 07.6	-5.6
D62A	Guysborough	14.70 196	Pn	Pn	19 12 14.6	+0.6
D62A	Allapoint, All	14.83 217	Pn	Pn	19 12 14.5	-1.2
D62A	Allapoint, All	14.83 217	P	Pn	19 12 13.9	-1.8
LMN	comp=Z,27,SNR=6.1					
PQI	Caledonia Moun	14.86 205	Pn	Pn	19 12 15.6	-0.4
PQI	Presque Isle	14.89 214	Pn	IAMB	19 12 15.5	-1.1
			IAMB		19 12 29.4	
E64A	comp=Z,25nm,1.1s					
E64A	Bridgewater	15.07 213	P	Sn	19 12 17.2	-1.8
	baz=24					
E64A			S	Sn	19 14 57.0	-8.8
D61A	comp=Z,29,SNR=22					
D61A	St Aubert, Com	15.09 220	P	Pn	19 12 16.9	-2.2
D61A			S	Sn	19 14 56.5	-1.0
E63A	baz=29					
E63A	Oxbow	15.24 215	Pn	Pn	19 12 19.6	-1.5
E63A	Oxbow	15.24 215	P	Pn	19 12 19.3	-1.9
	baz=25					
E63A			S	Sn	19 15 01.6	-8.2
D60A	comp=Z,39nm,1.6s					
D60A	Saint Jean D'O	15.58 221	P	Pn	19 12 23.1	-2.5
	baz=29,SNR=7.2					
D60A			S	Sn	19 15 07.6	-1.0
F64A	baz=29					
F64A	Sherman	15.73 214	P	Pn	19 12 25.9	-1.6
F64A			IAMB		19 12 28.4	
F64A			P	Pn	19 12 25.9	-1.6
HAL	comp=Z,42nm,1.4s					
HAL	Sherman	15.73 214	P	Pn	19 12 25.9	-1.6
HAL						
HAL	Halifax	15.78 201	Pn	IAMB	19 12 28.5	+0.2
			IAMB		19 12 30.3	
LATO	comp=Z,23nm,0.6s					
LATO	La Tuque	15.83 226	P	Pn	19 12 26.5	-2.4
LATO	Matagami	15.94 241	P	Pn	19 12 27.4	-2.9
	baz=43,SNR=4.9					
MATQ			S	Sn	19 15 14.9	-1.2
GGN	baz=43					
F63A	Saint George	16.02 209	Pn	Pn	19 12 29.8	-1.5
F63A	Nahmakanta, Br	16.09 215	IAMB	IAMB	19 12 31.3	-0.9
					19 12 35.8	
F63A			P	Pn	19 12 30.8	-1.4
D58A	comp=Z,20nm,0.7s					
D58A	Chemin du LacG	16.11 226	P	Pn	19 12 30.0	-2.5
	baz=32,SNR=7.9					
G65A	Princeton	16.12 211	Pn	Pn	19 12 31.5	-1.2
G65A	Princeton	16.12 211	Pn	Pn	19 12 31.7	-0.9
LSQJ	comp=Z,22,SNR=10.0					
LSQJ	Label-sur-Quev	16.17 238	P	Pn	19 12 30.8	-2.4
	baz=41					
E60A	comp=Z,29,SNR=10.0					
E60A	Ste Agathe de	16.23 222	P	Pn	19 12 32.1	-0.2
	baz=29,SNR=10.0					
G64A	Maxfield	16.40 214	P	Pn	19 12 35.1	-1.1
F61A	comp=Z,28,SNR=10.0					
F61A	St Evariste	16.43 220	P	Pn	19 12 35.0	-1.6
	baz=28					
H66A	Whiting	16.45 210	P	Pn	19 12 36.1	-0.6
H66A			S	Sn	19 15 30.6	-8.5
PKME	baz=21					
PKME	Peaks-Kenny Pk	16.54 215	P	IAMB	19 12 37.5	-0.5
PKME			IAMB		19 12 59.0	
PKME			P	Pn	19 12 37.5	-0.5
PKME			P	Pn	19 12 35.7	-2.3
D57A	comp=Z,33,SNR=7.9					
D57A	Chemin Vers le	16.55 228	P	Pn	19 12 36.2	-1.9
EMMW	East Machias	16.55 210	Pn	IAMB	19 12 37.2	-1.0
EMMW			IAMB		19 13 02.6	
F60A	comp=Z,94nm,1.7s					
F60A	Warwick	16.75 222	P	Pn	19 12 38.5	-2.2
H65A	comp=Z,22,SNR=6.6					
H65A	Eastbrook	16.77 212	P	Pn	19 12 39.8	-1.1
G63A	Kingsbury	16.77 216	P	Pn	19 12 39.7	-1.2
D56A	comp=Z,25,SNR=6.6					
D56A	ZEC Mazanza, M	16.86 230	P	Pn	19 12 39.5	-2.5
	baz=34					
E58A	La Victoria	16.87 225	P	Pn	19 12 40.6	-1.5
G62A	comp=Z,31,SNR=8.9					
G62A	West of Eustis	16.96 218	Pn	IAMB	19 12 42.7	-0.6
	baz=31,SNR=8.9					
G62A			IAMB		19 12 57.4	
G62A	comp=Z,83nm,1.8s					
G62A	West of Eustis	16.96 218	P	Pn	19 12 42.0	-1.3
H64A	comp=Z,26,SNR=7.0					
H64A	Troy	17.09 214	P	Pn	19 12 44.1	-0.8
	baz=23					
VLDQ	Val d'Or	17.10 237	Pn	IAMB	19 12 43.0	-2.0
VLDQ			IAMB		19 12 44.0	
E57A	comp=Z,31nm,0.6s					
E57A	Chemin Saint G	17.16 227	P	Pn	19 12 43.7	-2.1
	baz=32,SNR=6.6					
D55A	Sainte-Anne-du	17.16 231	P	Pn	19 12 43.5	-2.3
D55A						
G61A	comp=Z,28,SNR=5.8					
G61A	St-Isidore-de-	17.22 220	P	Pn	19 12 45.3	-1.2
	baz=28,SNR=5.8					
WVL	Waterville	17.29 215	Pn	IAMB	19 12 47.4	-0.0
WVL			IAMB		19 13 20.1	
E56A	comp=Z,59nm,1.6s					
E56A	St. Veronique	17.38 229	P	Pn	19 12 46.7	-1.8
	baz=34					
TRQ	Mont Tremblant	17.47 228	Pn	Pn	19 12 49.0	-0.7
SD4O	Lac Fusel, L	17.52 233	P	Pn	19 12 48.3	-2.0
D54A	comp=Z,36,SNR=9.9					
D54A	Scoreboardsund	17.61 38	Pn	Pn	19 12 50.0	-1.3
G60A	Masonville	17.65 221	P	Pn	19 12 51.0	-0.9
H62A	Milan	17.73 218	Pn	IAMB	19 12 52.7	-0.2
H62A			IAMB		19 13 33.9	
E55A	comp=Z,39nm,2.0s					
E55A	Montfer-Lytto	17.85 231	P	Pn	19 12 53.3	-1.1
I64A	Boothbay	17.87 214	P	Pn	19 12 54.8	+0.2
D53A	comp=Z,22nm,0.6s					
D53A	Lac Vache, Po	18.01 235	P	Pn	19 12 53.9	-2.5
	baz=37,SNR=7.0					
I63A	Otisfield	18.03 216	Pn	Pn	19 12 54.6	-1.9
LBNH	Lisbon	18.27 219	P	Pn	19 12 59.4	-0.2
FRNY	Flat Rock	18.31 223	P	Pn	19 12 59.5	-0.4
E54A	Lac Duplat, Po	18.32 233	P	Pn	19 12 58.0	-2.1
E54A						
I62A	Tamworth	19.13 207	P	Pn	19 13 00.7	-0.6
			IAMB		19 13 08.6	
F55A	comp=Z,94nm,1.8s					
F55A	Other Lake	18.48 230	P	Pn	19 13 01.0	-1.0
	baz=34,SNR=9.2					
H59A	Cadyville	18.51 223	P	Pn	19 13 01.2	-1.1
E53A	Dumoine, Ponti	18.56 234	P	P	19 13 01.3	-1.6

D51A	Lot 18 Range I	18.71 238	P	P	19 13 02.8	-1.8
	baz=39,SNR=17					
L0NY	Lake Ozonia	18.84 225	P	Pn	19 13 07.0	+0.5
D50A	G1974 Best Tow	18.86 239	P	Pn	19 13 04.8	-1.3
	baz=39,SNR=18					
HNH	Hanover	18.87 219	P	Pn	19 13 07.5	+0.7
H58A	Gabriels	18.88 224	P	Pn	19 13 05.7	-0.7
	baz=29					
FFD	Franklin Falls	18.88 218	P	IAMB	19 13 07.6	+0.6
	comp=Z,24nm,0.9s					
E52A	Mattawa	19.04 235	P	P	19 13 07.3	-0.8
	baz=37,SNR=16					
E51A	G1948 Merrick	19.20 237	P	P	19 13 08.7	-1.2
H57A	Richville	19.27 226	P	P	19 13 10.9	+0.2
	baz=31					
NCB	Newcomb	19.28 223	P	Pn	19 13 12.6	+0.8
NCB			IAMB		19 13 42.6	
FCC	Fort Churchill	19.38 284	P	P	19 13 11.2	-0.6
PLVO	Plevna	19.42 230	P	Pn	19 13 13.8	+0.3
	comp=Z,22nm,0.9s					
G54A	Lake Saint Pet	19.53 233	P	P	19 13 13.4	-0.1
	baz=35,SNR=14					
ACCN	Adirondack Com	19.61 222	P	Pn	19 13 16.1	+0.4
D48A	Paudash Townsh	19.72 242	P	Pn	19 13 15.3	-0.3
	baz=41,SNR=9.0					
K62A	Royalston	19.79 218	P	Pn	19 13 19.1	+1.2
J59A	Piesco	19.82 223	P	IAMB	19 13 18.9	+0.6
	baz=31,SNR=1.48					
F51A	comp=Z,31nm,1.4s					
F51A	Tweed	19.86 237	P	Pn	19 13 17.6	+0.5
	baz=37,SNR=19					
H55A	Tweed	19.87 230	P	Pn	19 13 18.5	-0.3
	baz=33					
DELO	Deloro Mine	20.07 230	P	Pn	19 13 19.8	+0.4
J58A	Remsen	20.19 225	P	Pn	19 13 23.8	+1.2
J58A			IAMB		19 13 47.9	
PECO	comp=Z,58nm,1.7s					
PECO	Prince Edward	20.32 228	P	Pn	19 13 26.4	+2.3
	comp=Z,12nm,0.6s					
D47A	Chapleau	20.39 244	P	P	19 13 23.1	+0.2
J57A	Williamstown	20.40 226	P	IAMB	19 13 25.3	+0.2
	comp=Z,13nm,0.8s					
SADO	Sadowa	20.47 233	P	Pn	19 13 25.6	-0.3
SADO			IAMB		19 13 25.0	-0.9
RES	Resolute Bay	20.67 332	P	P	19 13 26.0	+0.4
	comp=Z,3.8nm,0.9s,baz=118,slow=9.4,SNR=6.2					
RES	Resolute Bay	20.67 332	P	P	19 13 25.5	-1.6
RES	Resolute Bay	20.67 332	P	P	19 13 25.9	+0.3
J56A	Wolcott	20.84 227	P	P	19 13 27.0	-0.6
K58A	Earlville	20.84 224	P	IAMB	19 13 27.7	-1.1
K58A			IAMB		19 13 42.9	
F49A	comp=Z,29nm,1.2s					
F49A	Sandfield	20.90 240	Pb	Pn	19 13 30.7	-0.2
	baz=39					
E47A	Iron Bridge	20.92 243	Pb			

NDI 03 19:19:51.1,1.2,3,27.04N,70.61E,h10km,ML3.5

ISC 03 19:53.4,1.4,26.76N,0.08,71.28E,0.07,h10km,n20,

c=252.29,Northern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like AJM, BHUJ, KUDL, NDI, BHPL, SMLA, THN, DHRM, JOSI, DANN, GKN, KKN, PKIN, PGI, JIRN, RAMN, ODAN, TAPN.

ISC 03 19:26:11.3,1.4,28.50N,67.87E,h0km,mb3.5/5,

mb1 3.7/7,mb1mx3.4/37,mbtmp3.6/7,ML3.7/2,MS3.1/2,

Ms1 3.3/4,ms1mx2.9/26,Error ellipse: s-maj=40.6km

s-min=23.4km az=96.0

ISC 03 19:26:13.3,0.8,28.50N,0.06,67.90E,0.07,h10km,n30,

n1979/32,mb3.3/5,Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like BHUJ, KBL, KUDL, THN, DHRM, SMLA, WSAR, WSAR, WSAR, WSAR, WSAR, JOSI, JOSI, JOSI, SMDO, BANOH, BANQ, DANN, AAK, DMN, KKN, PKIN, GUN, JIRN, RAMN, TAPN, MKAR, KURBB, BVAR, CMAR, WRA, ASAR.

ISC 03 19:42:09.5,7.8,14.77N,92.83W,h33km,4.7km,mb3.5/2,

mb1 3.8/5,mb1mx3.4/40,mbtmp3.5/5,ML3.1/3,MS3.4/1,

Ms1 3.4/1,ms1mx2.5/29,Error ellipse: s-maj=102.8km,

s-min=27.5km az=24.0,Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like APG, CMIG, TXAR, SJG, NVAR, YKA.

1.2m,0.6s,baz=150,slow=7.5,SNR=20

CMAR Chiang Mai Arr 145.00 340 PKPbc PKPab 20 01 43.3 -0.2

NNC 03 19:54:32.3,5.6,38.67N,70.56E,h0km,mb3.5,mpv3.1,

SC-2D,Error ellipse: s-maj=41.1km s-min=33.9km

az=19.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KK31, AAK, CHMS, CHMS, BJL.

BJL 03 19:54:34.2,0.0,36.10N,82.74E,h5km,ML3.4/6,

Southern Xinjiang

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

INET 03 20:03:43.3,12.43N,87.70W,h70km,ML3.5

SNET 03 20:03:43.1,0.8,12.44N,87.75W,h13km,8km,ML2.9,

Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like CNCH, CNCH, LCND, PACA, PACA, COPN, MOMM, MOMM.

ISC 03 20:06:33.7,3.7,24.59N,94.96E,h94km,35km,mb3.3/6,

mb1 3.4/7,mb1mx3.1/40,mbtmp3.5/7,Error ellipse:

s-maj=63.1km s-min=15.4km az=66.0

ISC 03 20:06:34.4,1.7,24.5N,0.2,94.9E,0.5,h112km,n7,

n174/8,mb3.4/6,Myanmar-India border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like CMAR, MKAR, SONM, KURBB, WRA, ASAR, ILAR.

NIED 03 20:28:00.40,80N,141.20E,h92km,Mw4.1 Best double

couple: M=1.55000,1015 NP1=298.00000,855.00000,

L=77.00000, NP2=96.00000,837.00000,

L=108.00000

BJL 03 20:28:12.0,0.0,40.70N,141.43E,h104km,mb4.9/8,

mb4.5/18

MOS 03 20:28:14.3,0.9,40.81N,141.36E,h112km,mb4.4/14,

Error ellipse: s-maj=8.2km s-min=5.7km az=91.1

JMA 03 20:28:14.9,0.1,40.81N,141.26E,h95km,1km,M3.9

Broadband fault plane solution: P waves. NP1:

phi=98.00000,843.00000,lambda=172.00000. NP2:

phi=304.00000,850.00000,lambda=172.00000. Principal axes:

T P1g4.0000, Azm22.0000, N P1g13.0000,

Azm113.0000, P P1g76.0000, Azm277.0000;

JMA Tell II J1.

ISC 03 20:28:15.9,1.8,40.78N,141.23E,h106km,15km,

mb3.8/23,mb1 3.9/28,mb1mx3.7/52,mbtmp4.1/28,MS3.3/4,

Ms1 3.3/4,ms1mx2.8/45,Error ellipse: s-maj=14.2km

s-min=12.1km az=101.0

NEIC 03 20:28:16.0,0.9,40.90N,141.2E,0.1,h105km,6km,

mb4.6/23,Error ellipse: s-maj=15.7km s-min=10.2km

az=130.0

ISC 03 20:28:14.8,0.4,30.81N,103.141E,0.04,h96km,5km,

n137,0897/155,mb4.4/46,18C-12D,Near east coast of

eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like JARK, JTK, JTK, JAHD, JAHD, JANG, JANG, JOT, JOT, JAH, JAH, JSH, JSH, JIW, JIW, JKB, JKB, JOMM, JOMM, JOM, JOM, JYM2, JYM2, JYM2, JRM, JRM, ERM, ERM, ERM.

ASAJ Asahikawa 3.43 15 P Pn 20 29 07.0 +0.9

NMR Nemuro-Hokkai 4.15 51 eP S 20 29 15.6 -0.2

NMR 4.26 45 eP S 20 29 59.9 -3.3

GLVR Golovino 4.26 45 eP S 20 29 18.2 +0.8

GLVR 4.26 45 eP S 20 30 04.8 -1.2

GLVR comp=Z,308nm,0.1s pmax pmax

GLVR comp=N,1um,0.3s smax smax

GRPR comp=E,402nm,0.2s smax smax

GRPR Tuman 4.57 44 eP S 20 29 21.8 +0.2

GRPR 4.57 44 eP S 20 30 11.7 -1.8

GRPR comp=N,189nm,0.2s pmax pmax

GRPR comp=E,185nm,0.2s pmax pmax

GRPR comp=Z,395nm,0.2s smax smax

comp=E,1um,0.3s smax smax

YUK Yuzh-Kuril'sk 4.65 45 eP Pn 20 29 23.2 +0.6

YUK 4.65 45 eP Pn 20 30 13.9 -1.4

YUK comp=Z,551nm,0.2s pmax pmax

YUK comp=N,199nm,0.2s pmax pmax

YUK comp=E,245nm,0.3s smax smax

YUK comp=N,788nm,0.5s smax smax

YUK comp=E,1um,0.5s 4.91 211 Pn 20 29 28.0 +1.7

MAJO Matsushiro 4.92 211 Pn 20 29 28.0 +1.7

MAJO Matsushiro 4.92 211 c/P Pn 20 29 27.3 +1.0

MAT Matsushiro 4.92 211 S Pn 20 29 27.5 +1.2

MAT Matsushiro 4.92 211 S Pn 20 30 24.3 +2.3

MJAR Matsushiro Arr 4.92 211 Pn 20 29 27.5 +1.2

TEY Ternei 5.47 322 eP Pn 20 29 34.4 +0.7

TEY 5.47 322 eP Pn 20 29 34.4 +0.7

TEY comp=E,20nm,0.6s pmax pmax

TEY comp=Z,40nm,0.4s pmax pmax

TEY comp=N,40nm,0.7s pmax pmax

YSS Yuzh-Sakhalins 6.22 9 Pn 20 29 43.8 -0.2

YSS Yuzh-Sakhalins 6.22 9 Pn 20 29 45.1 +1.1

YSS 6.22 9 Pn 20 30 53.4 -0.2

YSS comp=Z,20nm,1.2s smax smax

YSS comp=N,30nm,1.8s smax smax

INU Inuyama 6.43 213 Pn 20 29 48.6 +1.8

KUR Kuril'sk 6.51 45 eP Pn 20 29 49.2 +1.3

KUR 6.51 45 eP Pn 20 31 00.8 +0.1

KUR comp=Z,95nm,0.3s pmax pmax

KUR comp=E,17nm,0.2s pmax pmax

KUR comp=N,23nm,0.3s smax smax

KUR comp=E,130nm,0.4s smax smax

VLA Vladivostok 7.41 291 dEP Pn 20 30 02.3 +2.1

USA0B Ussuriysk Arr 7.69 299 Pn 20 30 03.5 -0.5

USA0B Ussuriysk Arr 7.69 299 dEP Pn 20 30 05.4 +1.4

USA0B Ussuriysk Arr 7.69 299 Pn 20 30 05.6 +1.6

TYV Tymoyskoe 10.10 5 eP S 20 30 37.1 +0.5

TYV 10.10 5 eP S 20 32 29.7 +1.9

TYV comp=Z,8.0nm,0.8s smax smax

TYV comp=N,6.0nm,1.1s pmax pmax

KLR Kul'dur 10.80 324 P Pn 20 30 48.9 +2.6

KSR5 Korea Array 10.85 256 LR 20 34 00.9

JNU Nakatsue 11.35 231 LR 20 35 41.5

CN2 Chansung 12.14 289 eP Pn 20 31 13.1 +0.2

PETK Petropavlovsk 16.56 37 P 20 32 01.0 0.0

YAK Yakutsk 22.39 346 eP P 20 33 06.1 +1.3

SEY Seymchan 23.11 13 P 20 33 11.6 -0.5

SEY Seymchan 23.11 13 LR 20 33 11.4 -0.7

BOD Bodaibo 24.38 323 eP P 20 33 27.1 -1.9

SOM Songino Array 25.80 298 P 20 33 35.8 -1.0

XAN Xian 26.51 266 pP 20 33 43.6 +0.3

XAN 26.51 266 pP 20 34 08.8 +4.1

XAN comp=Z,5.0nm,1.1s pmax pmax

XAN comp=Z,140nm,6.9s pmax pmax

TLY Talaya 27.94 306 LR 20 46 47.3

H1N2 WAKE ISLAND Hy 30.29 126 T 21 05 25.6

H1N1 WAKE ISLAND Hy 30.30 126 T 21 05 25.0

H1N3 WAKE ISLAND Hy 30.30 126 T 21 05 26.9

H1S1 WAKE ISLAND Hy 31.10 128 T 21 07 58.6

H1S2 WAKE ISLAND Hy 31.12 128 T 21 07 56.2

H1S2 WAKE ISLAND Hy 31.12 128 T 21 07 58.3

GTA Gaotai 31.58 281 eP P 20 34 27.4 -0.9

GTA 31.58 281 eP P 20 34 27.4 -0.9

WMQ Urumqi 39.20 293 eP P 20 35 34.2 +0.8

WMQ 39.20 293 eP P 20 35 34.2 +0.8

WMQ comp=Z,250nm,6.9s LR LR

WMQ comp=Z,530nm,28.9s LR LR

WMQ comp=Z,950nm,29.1s LR LR

WMQ comp=Z,100nm,13.9s LR LR

ZAAO Zalesovo Array 39.41 309 P 20 35 34.3 -0.6

ZAAO 39.41 309 P 20 35 34.9

ZALV Zalesovo Beam 39.41 309 P 20 35 34.4 -0.4

ZALV 39.41 309 P 20 37 41.2 +0.1

LSA Lhasa 41.95 271 P 20 35 57.1 +0.5

LSA 41.95 271 P 20 35 58.8

LSA Lhasa 41.95 271 P 20 35 57.1 +0.5

MK31 Makanchi Array 42.16 299 P 20 35 56.9 -0.7

MK31 Makanchi Array 42.16 299 P 20 35 56.9 -0.7

MKAR Makanchi Array 42.16 299 P 20 35 57.0 -0.6

MKAR 42.16 299 P 20 37 50.1 -0.1

MKAR comp=Z,0.4nm,0.3s,baz=63,slow=4.3,SNR=5.8

MKAR Makanchi Array 42.16 299 eP P 20 35 57.0 -0.6

CHTO Chiang Mai 42.30 252 P 20 35 58.8 -0.2

CHTO Chiang Mai 42.30 252 P 20 35 58.8 -0.2

CHTO comp=Z,2.0nm,0.7s pmax pmax

MAKZ Makanchi 42.36 299 P 20 35 58.8 -0.5

MAKZ 42.36 299 P 20 36 01.2

MAKZ comp=Z,5.5nm,0.7s pmax pmax

MAKZ 42.36 299 P 20 35 58.8 -0.5

CMAR Chiang Mai Arr 42.53 251 P 20 36 00.6 -0.3

CMAR Chiang Mai Arr 42.53 251 eP P 20 36 01.9 +1.0

CMAR comp=Z,1.0nm,0.5s pmax pmax

KURK Kurchatov 43.63 305 P 20 36 08.5 -0.9

KURK 43.63 305 dEP P 20 36 08.5 -0.9

KURK comp=Z,12nm,0.8s pmax pmax

KURBB Kurchatov Arr 43.71 305 P 20 36 09.4 -0.6

KURBB 43.71 305 P 20 37 55.1 -0.2

RSO Redoubt South 44.03 271 P 20 36 10.7 -2.0

TAPN Taplejung 44.74 470 eP P 20 36 27.1 +0.3

TAPN 44.74 470 eP P 20 36 27.1 +0.3

TAPN comp=Z,5.9nm,0.5s pmax pmax

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Red Mountain, Pine Spring, Casper, etc.

NORS 03:20:50:45.6:0.0:42.52N:43.86E, h10km, MPVA2.9
TIF 03:20:50:45.4:42.51N:43.92E, h11km,2km
ISC 03:20:50:45.8:1.0:42.51N:0.02:43.86E:0.02,h10km,gkm,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ZEI, ONI, DIGR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LSNR, BKRG, VLKR, etc.

LJU 03:20:59:16.0:46.02N:14.73E, h9km, ML0.4, 1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VNSD, LJU, PDKS, etc.

ROM 03:20:59:21.7:0.2:43.416N:0.004:12.504E:0.005, h6km,1km, Md1.3/3,2C-1D, Error ellipse: s-maj=0.4km s-min=0.2km az=67.0,Central Italy

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ATFO, ATVO, ATPI, etc.

IDC 03:21:04:58.5:2.0:3.82S:128.40E, h0km, mb3.5/2, mb1.3/6, mb1mx3/3/3, mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=138.4km s-min=27.7km az=67.0,Param

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

NEIC 03:21:09:48.0:1.4:52.11N:0.1:176.25E:0.08, h63km,8km, Error ellipse: s-maj=21.2km s-min=6.4km az=191.0
AEIC 03:21:09:47.6:2.8:52.21N:0.1:176.37E:0.08, h42km,6km, ML3.8/15, mb4.2/11(NEIC), Error ellipse: s-maj=21.3km s-min=6.3km az=190.0

IDC 03:21:09:50.2:4.0:52.20N:176.16E, h81km,36km, mb3.5/14, mb1.3/7/16, mb1mx3.5/48, mbtmp3.9/16, Error ellipse: s-maj=26.2km s-min=13.4km az=172.0

ISC 03:21:09:47.0:0.7:52.21N:0.1:176.26E:0.04, h50km, m49, r1527/48, mb4.0/18, Rat Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SMY, TANO, TASE, etc.

ILAR Eielson Array 22.70 42 P P 21 14 45.1 +1.0 comp=Z:1.5nm,0.5s,baz=82,slow=8.7,SNR=6.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TOLK, BARN, BRLK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, ARCES, MK31, etc.

IGIL 03:21:20:11.8:36.74N:9.64W, h22km, ML1.7
MDD 03:21:20:11.5:1.4:36.73N:9.69W, h42km,30km, mb3.7/3, Error ellipse: s-maj=12.3km s-min=11.0km az=31.0, PRXIMO

INMG 03:21:20:12.0:1.4:36.75N:9.64W, h22km,4km, ML1.8, Error ellipse: s-maj=6.0km s-min=4.5km az=60.0

ISC 03:21:20:11.4:3.0:36.8N:0.1:9.64W:0.10, h33km,4km, n41, r0590/69, 1C, West of Gibraltar

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

MESJ Messejana 1.52 48 eP S 21 20 36.9 +0.6 comp=E:1.1nm,0.6s

MESJ Messejana 1.52 48 P S 21 20 36.9 +0.6 comp=E:5.9nm,0.2s

PNCL Nicolau / Gran 1.56 34 P S 21 20 37.6 +0.8 comp=E:7.8nm,0.5s

PNCL Nicolau / Gran 1.56 34 eP Pn 21 20 37.6 +0.8 comp=E:7.8nm,0.5s

PVAQ Vaqueiros 1.64 69 Pn S 21 20 38.6 +0.7 comp=E:4.4nm,0.2s

PVAQ Vaqueiros 1.64 69 ePn S 21 20 38.6 +0.7 comp=E:4.4nm,0.2s

PBEJ Beja 1.85 49 eS N 21 21 03.6 +0.5 comp=E:1.9nm,0.1s

EGRO El Granado 1.86 67 P A 21 20 42.2 +1.2 comp=E:0.4nm,0.1s,SNR=7.9

PMTG Montargil 2.50 26 Pn S 21 20 50.6 +0.8 comp=E:2.3nm,0.2s

PMTG Montargil 2.50 26 ePn Pn 21 20 50.6 +0.8 comp=E:4.0nm,0.4s

EMIN Mina Concepcio 2.54 67 P A 21 20 50.4 0.0 comp=E:0.2nm,0.1s,SNR=7.9

EBAD Badajoz 2.83 46 P Pn 21 20 54.4 0.0 comp=E:0.5nm,0.1s,SNR=7.9

PMRV Marv??o 3.15 34 S S 21 21 34.4 -0.6 comp=E:2.8nm,0.3s

PCAS Casimio, 0.3s 3.34 15 S S 21 21 40.1 +0.1 comp=E:2.8nm,0.3s

PCBR Castelo Branco 3.46 29 S S 21 21 42.4 -0.3 comp=E:0.2nm,0.1s,SNR=7.9

EADA Adamuz 4.24 70 P P 21 21 13.1 -0.6 comp=E:0.2nm,0.1s,SNR=7.9

EPLA Placencia 4.27 40 S S 21 22 01.3 -1.6 comp=E:1.5nm,0.2s,SNR=7.9

PVRL Vila Real 4.69 18 S S 21 22 12.8 -0.4 comp=E:2.3nm,0.5s

MVO Moncorvo 4.79 24 P Pn 21 21 21.4 +0.2 comp=E:2.7nm,0.2s,SNR=7.9

PAB San Pablo 4.97 55 P Pn 21 21 24.1 +0.3 comp=E:1.1nm,0.3s,SNR=4.0

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PETK, KSRS, USRK, AFDM, NVAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VOIR, PRA, PRU, GOPX, MOX, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ACON, SFRAS3, STIA3, CACAO, etc.

4d 2h

Table with columns for call sign, name, frequency, power, polarization, and date. Includes stations like ZALV Zalesovo Beam, CCB Clear Creek Bu, E48A Lockeyer, etc.

2014 MAR

Table with columns for call sign, name, frequency, power, polarization, and date. Includes stations like M51A Elyria, L48A N Adams, M50A Fremont, etc.

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Table with columns for call sign, name, frequency, power, polarization, and date. Includes stations like B08A Colville Reser, T49A Edmonton, WMQ Urumji, etc.

Table with columns: BZS, Buzias, 0.31 59, P, Pg, 05 21 10.4 +0.7, etc. Lists various stations and their associated data points.

Table with columns: SADO, Sadowa, 35.97 6 LR, LR, 05 51 09.1, etc. Includes detailed station information and a large block of text for NIED 04 05:28:42.6-1.9, 9.05N-83.68W, etc.

Table with columns: SSE, S, Smax, Smin, 05 56 12.0 +1.5, etc. Lists station data for SSE, S, Smax, Smin, etc.

IDC 04 05:28:42.6-1.9, 9.05N-83.68W, h0km, mb3.63, mb1 3.97, mb1mx3.6/34, mbmp3.87, ML3.5/3, MS3.5/3, Mst1 3.5/3, ms1mx3.0/45, Error ellipse: s-maj=55.4km s-min=23.3km az=38.0

INET 04 05:28:44.4, 8.32N-84.53W, h24km, ML4.5 UPA 04 05:28:46.2, 8.27N-84.36W, h10km, ML2.2km, MW5.3 UCR 04 05:28:46.5, 1.9, 8.96N-84.21W, h2km, hkm, MD3.8, 8.78, 89000, 3.32, 240.02

ISC 04 05:28:46.6-1.2, 8.94N-0.04-84.21W, 0.04, h18km, 3km, h62, c134/78, mb3.5/3, 12C-10D, Off coast of Costa Rica

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc. Lists station data for EDDO, EDLM, EDLN, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc. Lists station data for JAOM, JHCJ, JHJC, etc.

Table with columns: YULB, SSSLB, KLR, etc. Lists station data for YULB, SSSLB, KLR, etc.

Table with columns: QID, Name, Date, Time, Status, and other details. Includes entries like ULN Ulaanbaatar, LZH Lanzhou, SONM Soging Array, etc.

Table with columns: MAKZ, Name, Date, Time, Status, and other details. Includes entries like JIRN Jiri, KNRA Kunurra, PWJI Pagerwojo, etc.

Table with columns: MENT, Name, Date, Time, Status, and other details. Includes entries like MENT Mentasta, GLB Gilahina Butse, NIL Nilore, etc.

Table with columns: GLA, Glamis, 2.40 115 Pn, Pb, 06 00 29.7 +0.7, 06 01 01.0 -1.7, etc.

KRAR 04 06:00:32.3±0.1, 53°72'N-87°98'E, M2.1, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NNC 04 06:00:30.6±3.3, 53°55'N-87°60'E, h0km, mb3.6, mpv3.2, 06-3D, Error ellipse: s-maj=24.5km s-min=21.8km az=10.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

IDC 04 06:02:50.6±18.0, 17°20'S-178°74'W, h49km, m204km, mb3.1/4, mb1 3.4/4, mb1mx2.9/38, mbtmp4.0/4, Error ellipse: s-maj=133.9km s-min=76.0km az=137.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

TEH 04 06:11:04.5±26.78"N-54°11'E, h15km, ML3.5, OMAN 04 06:11:14.5±0.7, 26°48'N-54°69'E, h44km, m2.9/10, Error ellipse: s-maj=6.2km s-min=4.3km az=7.0

ISC 04 06:11:06.2±1.7, 26.74°N-0°05.54'11E, 0.06, h24km, n26, g099/24, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

AEIC 04 06:24:39.8±1.1, 50°98'N-0°06:176°03'W, h26km, 8km, ML3.1/18, Error ellipse: s-maj=9.4km s-min=5.4km az=180.0

NEIC 04 06:24:40.3±1.1, 51°01'N-0°04:176°06'W, h0km, h30km, 4km, Error ellipse: s-maj=6.1km s-min=4.8km az=46.0

IDC 04 06:25:01.3±2.8, 52°32'N-172°47'W, h0km, mb3.2/2, mb1 3.6/4, mb1mx3.3/56, mbtmp3.3/4, ML3.2/2, Error ellipse: s-maj=76.0km s-min=14.0km az=2.0

ISC 04 06:24:41.1±1.5, 51°05'N-0°10:176°05'W, h28km, n29, g111/33, Andreanof Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: ILAR, Eielson Array, 20.45 37 P, 06 29 15.4 -0.6, etc.

IDC 04 06:31:48.0±0.8, 8°46'S-128°25'E, h0km, mb3.9/4, mb1 4.0/6, mb1mx3.7/38, mbtmp4.0/6, ML4.0/2, MS3.3/6, Ms1 3.3/6, ms1mx3.0/40, Error ellipse: s-maj=52.0km s-min=20.1km az=76.0

ISC 04 06:31:51.1±0.7, 8.715°S-0°06:128°8'E, 0.1, h35km, n15, g25/16, mb3.9/4, MS3.1/3, Timor Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

NEIC 04 06:44:49.0±1.6, 15°33'S-0°07:167°52'E, 0.08, h121km, 3km, mb4.7/42, Error ellipse: s-maj=11.0km s-min=9.5km az=63.0

IDC 04 06:44:49.3±0.8, 15°30'S-167°51'E, h122km, 6km, mb4.3/24, mb1 4.4/26, mb1mx3.7/38, mbtmp4.7/26, MS3.7/2, Ms1 3.7/2, ms1mx3.1/24, Error ellipse: s-maj=12.9km s-min=9.4km az=86.0

BII 04 06:44:49.5±0.0, 15°23'S-167°23'E, h117km, mb5.0/26, mb4.8/37

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: BBOO, Buckleboo, 33.40 233 P, 06 51 16.4 +0.3, etc.

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

ISC 04 06:44:49.2±0.3, 15°36'S-0°05:167°54'E, 0.06, h124km, n112, g125/128, mb4.7/42, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NORARS Subarra131,29,345 and NORARS Array B131,29,345.

IASPEI 04 06:48:00.4, 0.8, 34.11N, 0.02:117.41W, 0.02, h12km, 5km, Error ellipse: s-maj=2.7km s-min=2.5km az=14.4, GTS 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. <I>Seism. Res. Lett.</I>, <I>80</I>,<I>465-472, 2009

SCEDC 04 06:48:00.9, 34.12N, 117.42W, h5km ANF 04 06:48:00.0, 0.1, 34.11N, 117.41W, h8km, 1km, ML2.6/29, Error ellipse: s-maj=1.4km s-min=1.1km az=29.0 PAS 04 06:48:00.9, 1.1, 34.12N, 0.01:117.416W, 0.010, h5km, 3m, ML2.6/193, Error ellipse: s-maj=2.1km s-min=1.1km az=171.0 NEIC 04 06:48:00.3, 1.2, 34.10N, 0.02:117.40W, 0.02, h14km, 2km, Error ellipse: s-maj=2.6km s-min=2.4km az=195.0 ISC 04 06:48:00.9, 0.8, 34.11N, 0.02:117.41W, 0.01, h11km, 5km, n65, <I>08799</I>, Southern California

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations like FON Fontana, CLV Calexico, RTR Riverside, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IRM Iron Mountain, IRM baz=269, IRM baz=269, SNR=27, etc.

NEIC 04 07:05:25.9, 2.1, 24.28S, 0.05:67.04W, h161km, 7km, mb4.0/10, Md3.7(SJA), Error ellipse: s-maj=12.5km s-min=7.8km az=89.0 SJA 04 07:05:26.3, 0.5, 24.24S:67.32W, h171km, 16km, ML3.5, MW3.6 IDC 04 07:05:28.3, 0.5, 24.20S:67.01W, h164km, 11km, mb3.3/5, MAO 04 07:05:28.5, 0.4, 23.99S:67.29W, h208km, 6km, mb4.1 GUC 04 07:05:28.3, 0.5, 23.98S:67.59W, h220km, 8km, ML4.6 ISC 04 07:05:26.9, 0.6, 24.22S:0.04:67.21W, 0.04, h175km, 7km, n83, <I>1930</I>11, mb3.8/9, 3C-1D, Chile-Argentina border

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations like SLA San Lorenzo, SLA SLA, SLA SLA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SAML comp=2.3, 9nm, 0.9s, SAML Samuel, FRFB Fartura, ITRB Iurama, etc.

IDC 04 07:44:06.4, 2.7, 30.51S:177.86W, h71km, 16km, mb3.5/3, mb1.3/74, mb1mx3.4/38, mbtmp3.5/4, Error ellipse: s-maj=59.0km s-min=15.4km az=113.0 NEIC 04 07:44:07.5, 1.3, 30.42S:0.07:178.5W, 0.2, h42km, 14km, mb4.2/9, Error ellipse: s-maj=26.8km s-min=2.9km az=112.0 ISC 04 07:44:06.8, 0.8, 30.40S:0.07:178.4W, 0.1, h35km, n19, <I>1566</I>23, mb4.2/7, Kermadec Islands

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

IDC 04 07:51:16.1, 17.0, 19.64S:173.66W, h0km, mb4.1/5, mb1.4/2.5, mb1mx3.7/52, mbtmp4.1/5, Error ellipse: s-maj=318.5km s-min=158.4km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like CTA Charters Tower, STKA Stephens Creek, BBOC Buteboke, etc.

IDC 04 07:56:07.2, 46.30N:150.17E, h0km, mb3.4/5, mb1.3/8.5, mb1mx3.4/47, mbtmp3.4/5, MS3.8/1, Ms1.3/8.1, s-min=22.8km az=119.0, Kuril Islands

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations like H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

NEIC 04 07:58:57.71.4, 13.45N, 09:91.35W, 0.07, h20km, 10km, M4.0/18(MEX), Error ellipse: s-maj=16.5km s-min=1.2km az=214.0

UCR 04 07:58:57.71.3, 13.49N, 91.18W, h22km, 11km, ML3.4, mb4.0(NEIC)

SNEX 04 07:58:57.61.3, 13.49N, 91.17W, h21km, 11km, ML3.7

MNET 04 07:58:59.1.0.4, 13.43N, 91.26W, h16km, 12km, MD4.0

ISC 04 07:58:56.6.1.1, 13.38N, 0.07, 91.29W, 0.04, h20km, 6km, n58, c1916/83, 1C-10, Near coast of Guatemala

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ERG, IXP, FUG, STG3, NBG, RTR, SBL, SBL3, SBL5, SBL6, SBL7, SBL8, SBL9, SBL10, SBL11, SBL12, SBL13, SBL14, SBL15, SBL16, SBL17, SBL18, SBL19, SBL20, SBL21, SBL22, SBL23, SBL24, SBL25, SBL26, SBL27, SBL28, SBL29, SBL30, SBL31, SBL32, SBL33, SBL34, SBL35, SBL36, SBL37, SBL38, SBL39, SBL40, SBL41, SBL42, SBL43, SBL44, SBL45, SBL46, SBL47, SBL48, SBL49, SBL50, SBL51, SBL52, SBL53, SBL54, SBL55, SBL56, SBL57, SBL58, SBL59, SBL60, SBL61, SBL62, SBL63, SBL64, SBL65, SBL66, SBL67, SBL68, SBL69, SBL70, SBL71, SBL72, SBL73, SBL74, SBL75, SBL76, SBL77, SBL78, SBL79, SBL80, SBL81, SBL82, SBL83, SBL84, SBL85, SBL86, SBL87, SBL88, SBL89, SBL90, SBL91, SBL92, SBL93, SBL94, SBL95, SBL96, SBL97, SBL98, SBL99, SBL100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, SNET, MTO3, LFU, LFRS, MRL, MARM, MARM2, MARM3, MARM4, MARM5, MARM6, MARM7, MARM8, MARM9, MARM10, MARM11, MARM12, MARM13, MARM14, MARM15, MARM16, MARM17, MARM18, MARM19, MARM20, MARM21, MARM22, MARM23, MARM24, MARM25, MARM26, MARM27, MARM28, MARM29, MARM30, MARM31, MARM32, MARM33, MARM34, MARM35, MARM36, MARM37, MARM38, MARM39, MARM40, MARM41, MARM42, MARM43, MARM44, MARM45, MARM46, MARM47, MARM48, MARM49, MARM50, MARM51, MARM52, MARM53, MARM54, MARM55, MARM56, MARM57, MARM58, MARM59, MARM60, MARM61, MARM62, MARM63, MARM64, MARM65, MARM66, MARM67, MARM68, MARM69, MARM70, MARM71, MARM72, MARM73, MARM74, MARM75, MARM76, MARM77, MARM78, MARM79, MARM80, MARM81, MARM82, MARM83, MARM84, MARM85, MARM86, MARM87, MARM88, MARM89, MARM90, MARM91, MARM92, MARM93, MARM94, MARM95, MARM96, MARM97, MARM98, MARM99, MARM100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CNCH, TGIG, TGIG2, TGIG3, TGIG4, TGIG5, TGIG6, TGIG7, TGIG8, TGIG9, TGIG10, TGIG11, TGIG12, TGIG13, TGIG14, TGIG15, TGIG16, TGIG17, TGIG18, TGIG19, TGIG20, TGIG21, TGIG22, TGIG23, TGIG24, TGIG25, TGIG26, TGIG27, TGIG28, TGIG29, TGIG30, TGIG31, TGIG32, TGIG33, TGIG34, TGIG35, TGIG36, TGIG37, TGIG38, TGIG39, TGIG40, TGIG41, TGIG42, TGIG43, TGIG44, TGIG45, TGIG46, TGIG47, TGIG48, TGIG49, TGIG50, TGIG51, TGIG52, TGIG53, TGIG54, TGIG55, TGIG56, TGIG57, TGIG58, TGIG59, TGIG60, TGIG61, TGIG62, TGIG63, TGIG64, TGIG65, TGIG66, TGIG67, TGIG68, TGIG69, TGIG70, TGIG71, TGIG72, TGIG73, TGIG74, TGIG75, TGIG76, TGIG77, TGIG78, TGIG79, TGIG80, TGIG81, TGIG82, TGIG83, TGIG84, TGIG85, TGIG86, TGIG87, TGIG88, TGIG89, TGIG90, TGIG91, TGIG92, TGIG93, TGIG94, TGIG95, TGIG96, TGIG97, TGIG98, TGIG99, TGIG100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CMIG, CMIG2, CMIG3, CMIG4, CMIG5, CMIG6, CMIG7, CMIG8, CMIG9, CMIG10, CMIG11, CMIG12, CMIG13, CMIG14, CMIG15, CMIG16, CMIG17, CMIG18, CMIG19, CMIG20, CMIG21, CMIG22, CMIG23, CMIG24, CMIG25, CMIG26, CMIG27, CMIG28, CMIG29, CMIG30, CMIG31, CMIG32, CMIG33, CMIG34, CMIG35, CMIG36, CMIG37, CMIG38, CMIG39, CMIG40, CMIG41, CMIG42, CMIG43, CMIG44, CMIG45, CMIG46, CMIG47, CMIG48, CMIG49, CMIG50, CMIG51, CMIG52, CMIG53, CMIG54, CMIG55, CMIG56, CMIG57, CMIG58, CMIG59, CMIG60, CMIG61, CMIG62, CMIG63, CMIG64, CMIG65, CMIG66, CMIG67, CMIG68, CMIG69, CMIG70, CMIG71, CMIG72, CMIG73, CMIG74, CMIG75, CMIG76, CMIG77, CMIG78, CMIG79, CMIG80, CMIG81, CMIG82, CMIG83, CMIG84, CMIG85, CMIG86, CMIG87, CMIG88, CMIG89, CMIG90, CMIG91, CMIG92, CMIG93, CMIG94, CMIG95, CMIG96, CMIG97, CMIG98, CMIG99, CMIG100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JTS, TEIG, TEIG2, TEIG3, TEIG4, TEIG5, TEIG6, TEIG7, TEIG8, TEIG9, TEIG10, TEIG11, TEIG12, TEIG13, TEIG14, TEIG15, TEIG16, TEIG17, TEIG18, TEIG19, TEIG20, TEIG21, TEIG22, TEIG23, TEIG24, TEIG25, TEIG26, TEIG27, TEIG28, TEIG29, TEIG30, TEIG31, TEIG32, TEIG33, TEIG34, TEIG35, TEIG36, TEIG37, TEIG38, TEIG39, TEIG40, TEIG41, TEIG42, TEIG43, TEIG44, TEIG45, TEIG46, TEIG47, TEIG48, TEIG49, TEIG50, TEIG51, TEIG52, TEIG53, TEIG54, TEIG55, TEIG56, TEIG57, TEIG58, TEIG59, TEIG60, TEIG61, TEIG62, TEIG63, TEIG64, TEIG65, TEIG66, TEIG67, TEIG68, TEIG69, TEIG70, TEIG71, TEIG72, TEIG73, TEIG74, TEIG75, TEIG76, TEIG77, TEIG78, TEIG79, TEIG80, TEIG81, TEIG82, TEIG83, TEIG84, TEIG85, TEIG86, TEIG87, TEIG88, TEIG89, TEIG90, TEIG91, TEIG92, TEIG93, TEIG94, TEIG95, TEIG96, TEIG97, TEIG98, TEIG99, TEIG100.

MAN 04 08:09:21.1, 10.00N, 124.44E, h47km, mb4.3, ML3.2, MS2.9, 2C-2D, Mindanao

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LLP, TBP, RCP, RCP2, RCP3, RCP4, RCP5, RCP6, RCP7, RCP8, RCP9, RCP10, RCP11, RCP12, RCP13, RCP14, RCP15, RCP16, RCP17, RCP18, RCP19, RCP20, RCP21, RCP22, RCP23, RCP24, RCP25, RCP26, RCP27, RCP28, RCP29, RCP30, RCP31, RCP32, RCP33, RCP34, RCP35, RCP36, RCP37, RCP38, RCP39, RCP40, RCP41, RCP42, RCP43, RCP44, RCP45, RCP46, RCP47, RCP48, RCP49, RCP50, RCP51, RCP52, RCP53, RCP54, RCP55, RCP56, RCP57, RCP58, RCP59, RCP60, RCP61, RCP62, RCP63, RCP64, RCP65, RCP66, RCP67, RCP68, RCP69, RCP70, RCP71, RCP72, RCP73, RCP74, RCP75, RCP76, RCP77, RCP78, RCP79, RCP80, RCP81, RCP82, RCP83, RCP84, RCP85, RCP86, RCP87, RCP88, RCP89, RCP90, RCP91, RCP92, RCP93, RCP94, RCP95, RCP96, RCP97, RCP98, RCP99, RCP100.

IDC 04 08:22:56.3.1.5, 1.09S, 126.65E, h0km, mb3.0/3, mb1 3.3/4, mb1mx3.2/4, mbtmp3.2/4, ML3.3/1, Error ellipse: s-maj=37.3km s-min=2.7km az=52.0, Southern Molucca Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SIJI, WRA, ASAR, MKAR.

IDC 04 08:40:20.1.2.2, 4.05S, 127.88E, h0km, mb3.4/2, mb1 4.0/3, mb1mx3.5/5, mbtmp3.7/3, ML4.2/1, Error ellipse: s-maj=155.0km s-min=27.4km az=67.0

DJA 04 08:40:25.5.0.3.2, S3.3, 12.8E, h10km, M3.2/7, MLV3.2/7

ISC 04 08:40:24.8.1.0, 2.29S, 0.04, 127.91E, 0.06, h32km, n8, c1502/12, Ceram Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like NLAI, AAI, MSAI.

Table with columns: LBMI, SANI, WRA, ASAR, MKAR. Includes station names, coordinates, and time/resolution data.

ATA 04 08:51:01.3.2.3, 39.05N, 40.77E, h30km, 7km, ML2.0, MW4.1

DDA 04 08:51:02.9, 39.07N, 40.68E, h7km, 3km, ML2.3

ISK 04 08:51:02.3, 39.06N, 40.74E, h3km, ML2.1/7

ISC 04 08:51:02.3.0.3, 39.07N, 0.02, 40.75E, 0.02, h9km, 7km, n30, c088/51, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BNGB, BINGOL, BINGOL2, BINGOL3, BINGOL4, BINGOL5, BINGOL6, BINGOL7, BINGOL8, BINGOL9, BINGOL10, BINGOL11, BINGOL12, BINGOL13, BINGOL14, BINGOL15, BINGOL16, BINGOL17, BINGOL18, BINGOL19, BINGOL20, BINGOL21, BINGOL22, BINGOL23, BINGOL24, BINGOL25, BINGOL26, BINGOL27, BINGOL28, BINGOL29, BINGOL30, BINGOL31, BINGOL32, BINGOL33, BINGOL34, BINGOL35, BINGOL36, BINGOL37, BINGOL38, BINGOL39, BINGOL40, BINGOL41, BINGOL42, BINGOL43, BINGOL44, BINGOL45, BINGOL46, BINGOL47, BINGOL48, BINGOL49, BINGOL50, BINGOL51, BINGOL52, BINGOL53, BINGOL54, BINGOL55, BINGOL56, BINGOL57, BINGOL58, BINGOL59, BINGOL60, BINGOL61, BINGOL62, BINGOL63, BINGOL64, BINGOL65, BINGOL66, BINGOL67, BINGOL68, BINGOL69, BINGOL70, BINGOL71, BINGOL72, BINGOL73, BINGOL74, BINGOL75, BINGOL76, BINGOL77, BINGOL78, BINGOL79, BINGOL80, BINGOL81, BINGOL82, BINGOL83, BINGOL84, BINGOL85, BINGOL86, BINGOL87, BINGOL88, BINGOL89, BINGOL90, BINGOL91, BINGOL92, BINGOL93, BINGOL94, BINGOL95, BINGOL96, BINGOL97, BINGOL98, BINGOL99, BINGOL100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ECAT, ECAT2, ECAT3, ECAT4, ECAT5, ECAT6, ECAT7, ECAT8, ECAT9, ECAT10, ECAT11, ECAT12, ECAT13, ECAT14, ECAT15, ECAT16, ECAT17, ECAT18, ECAT19, ECAT20, ECAT21, ECAT22, ECAT23, ECAT24, ECAT25, ECAT26, ECAT27, ECAT28, ECAT29, ECAT30, ECAT31, ECAT32, ECAT33, ECAT34, ECAT35, ECAT36, ECAT37, ECAT38, ECAT39, ECAT40, ECAT41, ECAT42, ECAT43, ECAT44, ECAT45, ECAT46, ECAT47, ECAT48, ECAT49, ECAT50, ECAT51, ECAT52, ECAT53, ECAT54, ECAT55, ECAT56, ECAT57, ECAT58, ECAT59, ECAT60, ECAT61, ECAT62, ECAT63, ECAT64, ECAT65, ECAT66, ECAT67, ECAT68, ECAT69, ECAT70, ECAT71, ECAT72, ECAT73, ECAT74, ECAT75, ECAT76, ECAT77, ECAT78, ECAT79, ECAT80, ECAT81, ECAT82, ECAT83, ECAT84, ECAT85, ECAT86, ECAT87, ECAT88, ECAT89, ECAT90, ECAT91, ECAT92, ECAT93, ECAT94, ECAT95, ECAT96, ECAT97, ECAT98, ECAT99, ECAT100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KOPR, KOPR2, KOPR3, KOPR4, KOPR5, KOPR6, KOPR7, KOPR8, KOPR9, KOPR10, KOPR11, KOPR12, KOPR13, KOPR14, KOPR15, KOPR16, KOPR17, KOPR18, KOPR19, KOPR20, KOPR21, KOPR22, KOPR23, KOPR24, KOPR25, KOPR26, KOPR27, KOPR28, KOPR29, KOPR30, KOPR31, KOPR32, KOPR33, KOPR34, KOPR35, KOPR36, KOPR37, KOPR38, KOPR39, KOPR40, KOPR41, KOPR42, KOPR43, KOPR44, KOPR45, KOPR46, KOPR47, KOPR48, KOPR49, KOPR50, KOPR51, KOPR52, KOPR53, KOPR54, KOPR55, KOPR56, KOPR57, KOPR58, KOPR59, KOPR60, KOPR61, KOPR62, KOPR63, KOPR64, KOPR65, KOPR66, KOPR67, KOPR68, KOPR69, KOPR70, KOPR71, KOPR72, KOPR73, KOPR74, KOPR75, KOPR76, KOPR77, KOPR78, KOPR79, KOPR80, KOPR81, KOPR82, KOPR83, KOPR84, KOPR85, KOPR86, KOPR87, KOPR88, KOPR89, KOPR90, KOPR91, KOPR92, KOPR93, KOPR94, KOPR95, KOPR96, KOPR97, KOPR98, KOPR99, KOPR100.

IDC 04 09:21:19.9.1.3, 6.18S, 150.76E, h62km, 12km, mb3.7/12, mb1 3.9/14, mb1mx3.8/42, mbtmp4.0/14, MS3.3/5, M51 3.3/5, ms1mx3.0/42, Error ellipse: s-maj=36.0km s-min=8.3km az=126.0

NEIC 04 09:21:19.5.1.6, 6.15S, 0.2, 150.8E, 0.2, h59km, 10km, mb4.2/9, Error ellipse: s-maj=38.5km s-min=8.4km az=127.0

ISC 04 09:21:19.3.0.7, 5.85S, 0.1, 150.4E, 0.1, h48km, n34, c175/37, mb4.0/15, MS3.6/3, New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KRVT, KRVT2, KRVT3, KRVT4, KRVT5, KRVT6, KRVT7, KRVT8, KRVT9, KRVT10, KRVT11, KRVT12, KRVT13, KRVT14, KRVT15, KRVT16, KRVT17, KRVT18, KRVT19, KRVT20, KRVT21, KRVT22, KRVT23, KRVT24, KRVT25, KRVT26, KRVT27, KRVT28, KRVT29, KRVT30, KRVT31, KRVT32, KRVT33, KRVT34, KRVT35, KRVT36, KRVT37, KRVT38, KRVT39, KRVT40, KRVT41, KRVT42, KRVT43, KRVT44, KRVT45, KRVT46, KRVT47, KRVT48, KRVT49, KRVT50, KRVT51, KRVT52, KRVT53, KRVT54, KRVT55, KRVT56, KRVT57, KRVT58, KRVT59, KRVT60, KRVT61, KRVT62, KRVT63, KRVT64, KRVT65, KRVT66, KRVT67, KRVT68, KRVT69, KRVT70, KRVT71, KRVT72, KRVT73, KRVT74, KRVT75, KRVT76, KRVT77, KRVT78, KRVT79, KRVT80, KRVT81, KRVT82, KRVT83, KRVT84, KRVT85, KRVT86, KRVT87, KRVT88, KRVT89, KRVT90, KRVT91, KRVT92, KRVT93, KRVT94, KRVT95, KRVT96, KRVT97, KRVT98, KRVT99, KRVT100.

WBR Warramunga Arr 20.87 226 P P 09 25 58.4 +0.9

WRA Warramunga Arr 21.00 226 P P 09 25 58.0 -1.0

KNRA Kununurra 23.37 243 P Iamb Iamb 09 26 23.5 -0.4

AS31 Alice Springs 23.82 220 P Iamb Iamb 09 26 28.8

ASAR Alice Springs 23.82 220 P P 09 26 27.8 -0.3

FITZ Fitzroy Cross 27.07 241 P P 09 26 59.1 +1.6

STKA Stephens Creek 27.23 196 P P 09 26 56.5 -2.3

STKA Stephens Creek 27.23 196 P P 09 26 58.5 -0.4

KSRS Korea Arr 47.84 336 P P 09 29 56.6 +4.3

HHC Hu-ho-hao-te 58.46 326 E P 09 31 09.0 -1.6

LZH Lanzhou 60.27 317 E P 09 31 21.8 -1.5

Table with columns: KSH, KSH2, MCK, KURK, KURK2, KURB, ILAR, BVAR, AKTO, YKA, TORD. Includes station names, coordinates, and time/resolution data.

OSPL 04 09:33:24.1.0.6, 18.97N, 67.06W, h92km, 19km, ML3.9

RSPR 04 09:33:24.5, 19.14N, 67.47W, h79km, 3km, MD3.4/15

NEIC 04 09:33:24.6.1.8, 19.16N, 0.02, 67.42W, 0.04, h32km, 9km, Error ellipse: s-maj=5.4km s-min=2.9km az=64.0

ISC 04 09:33:25.3.1.8, 19.13N, 0.06, 67.42W, 0.03, h31km, 14km, n62, c084/71, 10C-6D, Mona Passage

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AGPR, AGPR2, AGPR3, AGPR4, AGPR5, AGPR6, AGPR7, AGPR8, AGPR9, AGPR10, AGPR11, AGPR12, AGPR13, AGPR14, AGPR15, AGPR16, AGPR17, AGPR18, AGPR19, AGPR20, AGPR21, AGPR22, AGPR23, AGPR24, AGPR25, AGPR26, AGPR27, AGPR28, AGPR29, AGPR30, AGPR31, AGPR32, AGPR33, AGPR34, AGPR35, AGPR36, AGPR37, AGPR38, AGPR39, AGPR40, AGPR41, AGPR42, AGPR43, AGPR44, AGPR45, AGPR46, AGPR47, AGPR48, AGPR49, AGPR50, AGPR51, AGPR52, AGPR53, AGPR54, AGPR55, AGPR56, AGPR57, AGPR58, AGPR59, AGPR60, AGPR61, AGPR62, AGPR63, AGPR64, AGPR65, AGPR66, AGPR67, AGPR68, AGPR69, AGPR70, AGPR71, AGPR72, AGPR73, AGPR74, AGPR75, AGPR76, AGPR77, AGPR78, AGPR79, AGPR80, AGPR81, AGPR82, AGPR83, AGPR84, AGPR85, AGPR86, AGPR87, AGPR88, AGPR89, AGPR90, AGPR91, AGPR92, AGPR93, AGPR94, AGPR95, AGPR96, AGPR97, AGPR98, AGPR99, AGPR100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CRPR, CRPR2, CRPR3, CRPR4, CRPR5, CRPR6, CRPR7, CRPR8, CRPR9, CRPR10, CRPR11, CRPR12, CRPR13, CRPR14, CRPR15, CRPR16, CRPR17, CRPR18, CRPR19, CRPR20, CRPR21, CRPR22, CRPR23, CRPR24, CRPR25, CRPR26, CRPR27, CRPR28, CRPR29, CRPR30, CRPR31, CRPR32, CRPR33, CRPR34, CRPR35, CRPR36, CRPR37, CRPR38, CRPR39, CRPR40, CRPR41, CRPR42, CRPR43, CRPR44, CRPR45, CRPR46, CRPR47, CRPR48, CRPR49, CRPR50, CRPR51, CRPR52, CRPR53, CRPR54, CRPR55, CRPR56, CRPR57, CRPR58, CRPR59, CRPR60, CRPR61, CRPR62, CRPR63, CRPR64, CRPR65, CRPR66, CRPR67, CRPR68, CRPR69, CRPR70, CRPR71, CRPR72, CRPR73, CRPR74, CRPR75, CRPR76, CRPR77, CRPR78, CRPR79, CRPR80, CRPR81, CRPR82, CRPR83, CRPR84, CRPR85, CRPR86, CRPR87, CRPR88, CRPR89, CRPR90, CRPR91, CRPR92, CRPR93, CRPR94, CRPR95, CRPR96, CRPR97, CRPR98, CRPR99, CRPR100.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, OBIP2, OBIP3, OBIP4, OBIP5, OBIP6, OBIP7, OBIP8, OBIP9, OBIP10, OBIP11, OBIP12, OBIP13, OBIP14, OBIP15, OBIP16, OBIP17, OBIP18, OBIP19, OBIP20, OBIP21, OBIP22, OBIP23, OBIP24, OBIP25, OBIP26, OBIP27, OBIP28, OBIP29, OBIP30, OBIP31, OBIP32, OBIP33, OBIP34, OBIP35, OBIP36, OBIP37, OBIP38, OBIP39, OBIP40, OBIP41, OBIP42, OBIP43, OBIP44, OBIP45, OBIP46, OBIP47, OBIP48, OBIP49, OBIP50, OBIP51, OBIP52, OBIP53, OBIP54, OBIP55, OBIP56, OBIP57, OBIP58, OBIP59, OBIP60, OBIP61, OBIP62, OBIP63, OBIP64, OBIP65, OBIP66, OBIP67, OBIP68, OBIP69, OBIP70, OBIP71, OBIP72, OBIP73, OBIP74, OBIP75, OBIP76, OBIP77, OBIP78, OBIP79, OBIP80, OBIP81, OBIP82, OBIP83, OBIP84, OBIP85, OBIP86, OBIP87, OBIP88, OBIP89, OBIP90, OBIP91, OBIP92, OBIP93, OBIP94, OBIP95, OBIP96, OBIP97, OBIP98, OBIP99, OBIP100.

ISC 04 09:33:25.3.1.8, 19.13N, 0.06, 67.42W, 0.03, h31km, 14km, n62, c084/71, 10C-6D, Mona Passage

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SC01, SC012, SC013, SC014, SC015, SC016, SC017, SC018, SC019, SC020, SC021, SC022, SC023, SC024, SC025, SC026, SC027, SC028, SC029, SC030, SC031, SC032, SC033, SC034, SC035, SC036, SC037, SC038, SC039, SC040, SC041, SC042, SC043, SC044, SC045, SC046, SC047, SC048, SC049, SC050, SC051, SC052, SC053, SC054, SC055, SC056, SC057, SC058, SC059, SC060, SC061, SC062, SC063, SC064, SC065, SC066, SC067, SC068, SC069, SC070, SC071, SC072, SC073, SC074, SC075, SC076, SC077, SC078, SC079, SC080, SC081, SC082, SC083, SC084, SC085, SC086, SC087, SC088, SC089, SC090, SC091, SC092, SC093, SC094, SC095, SC096, SC097, SC098, SC099, SC0100.

SCB 04 09:33:22.1.8.0, 15.15S, 66.66W, h274km, 154km, ML4.4/1, Error ellipse: s-maj=388.4km s-min=96.2km az=0.0, Central Bolivia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BBOB, BBOB2, BBOB3, BBOB4, BBOB5, BBOB6, BBOB7, BBOB8, BBOB9, BBOB10, BBOB11, BBOB12, BBOB13, BBOB14, BBOB15, BBOB16, BBOB17, BBOB18, BBOB19, BBOB20, BBOB21, BBOB22, BBOB23, BBOB24, BBOB25, BBOB26, BBOB27, BBOB28, BBOB29, BBOB30, BBOB31, BBOB32, BBOB33, BBOB34, BBOB35, BBOB36, BBOB37, BBOB38, BBOB39, BBOB40, BBOB41, BBOB42, BBOB43, BBOB44, BBOB45, BBOB46, BBOB47, BBOB48, BBOB49, BBOB50, BBOB51, BBOB52, BBOB53, BBOB54, BBOB55, BBOB56, BBOB57, BBOB58, BBOB59, BBOB60, BBOB61, BBOB62, BBOB63, BBOB64, BBOB65, BBOB66, BBOB67, BBOB68, BBOB69, BBOB70, BBOB71, BBOB72, BBOB73, BBOB74, BBOB75, BBOB76, BBOB77, BBOB78, BBOB79, BBOB80, BBOB81, BBOB82, BBOB83, BBOB84, BBOB85, BBOB86, BBOB87, BBOB88, BBOB89, BBOB90, BBOB91, BBOB92, BBOB93, BBOB94, BBOB95, BBOB96, BBOB97, BBOB98, BBOB99, BBOB100.

IDC 04 09:41:07.2.0.6, 31.57S, 0.04, 68.68W, 0.04, h113km, 5km, n58, c177/83, mb4.2/5, San Juan Province

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ZON, ZON2, ZON3, ZON4, ZON5, ZON6, ZON7, ZON8, ZON9, ZON10, ZON11, ZON12, ZON13, ZON14, ZON15, ZON16, ZON17, ZON18, ZON19, ZON20, ZON21, ZON22, ZON23, ZON24, ZON25, ZON26, ZON27, ZON28,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACAN Cantantale, AAGR Agrelo, ARDOD Rodeo, AGUA GUANDACOL, APLL PUNTA DE LOS L, etc.

Table with columns: ZON, Zonda, 3.29, 65, i, P, Pb, 09 50 00.5 -0.9, 09 51 06.7, etc. Includes stations like ACAN Cerro Coronel, AROD Rodeo, ACAN Cantantale, etc.

Table with columns: PEL, Peldehue, 1.19, 67, P, Pg, 05 51 38.5 +0.6, 05 51 51.5, etc. Includes stations like PEL Peldehue, FCH Farellones, LAMEL Las Melosas, etc.

MEX 04 10:18:05.3:0.5, 14:03N:93:12W, h0km, mD3.9
GCG 04 10:18:06.8:0.3, 15:98N:92:21W, h99km, mD3.9
ISC 04 10:18:09.8:2.8, 14:4N:0:2:92:9W:0.1, h87km, nD3.9

IDC 04 10:51:12.5:0.3, 33:60S:71:76W, h0km, mB5.1/35.
mB1 5.1/39, mb1mx1.5/44, mbtmp5.1/39, ML5.0/4, MS5.6/26,
Ms1 5.6/26, ms1mx5.4/37, Error ellipse: s-maj=14.5km
s-min=8.9km az=85.0

NEIC 04 10:51:15.0:0.6, 33:62S:72:04W, h41km, 3km, ML5.4
mB5.6/416, Ms 20.5/518, Mw5.7/56, Mw5.7/56,
ML5.4(GUC), Mw5.8(GCMT), Error ellipse: s-maj=10.7km
s-min=5.6km az=292.0, Moment Tensor Solution.

NEIC 04 10:51:19.3:68S:72:20W, h22km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr:3.69;
Mw:0.33; Ms:4.02; Mn:0.46; Mv:0.60; Mz:1.52; Fault
plane solution: M:6.460000*10^17, N1:0.200000*10^17,
N2:0.000000*10^17, N3:0.000000*10^17, P:6.3201*10^17,
Az:183.000000; N:0.2710, Plg:0.000000; Azm:180.000000;
P:6.5911, Plg:26.000000; Azm:273.000000;

NEIC 04 10:51:14.9:0.6, 33:62S:72:03W, h17km, 3km,
n1299, e1534/1096, mB5.5/246, Ms5.5/305, 49C-13D, Near
coast of Central Chile

4d 10h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SAMML, SAMIL, ESAR, etc.

2014 MAR

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SKI, SKI, SKI, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Z50A, Z50A, Y55A, etc.

W45A	Hickory Valley	70.29 345	P	P	11 02 27.2	0.0
PAE	Paea	70.30 262	eP	P	11 02 29.7	+1.9
PAE	comp=Z,7.7nm,1.1s					
PAE	Paea	70.30 262	eT	T	12 18 53.0	
U53A	Fall Branch	70.32 351	P	P	11 02 27.6	+0.2
PPTF	Pamat, Papee	70.32 262	P	P	11 02 26.4	-1.6
PPT2	Papeete	70.33 262	eP	P	11 02 30.3	+2.2
PPT2	comp=Z,68nm,1.3s					
PPT2	comp=Z,5um,24.0s					
PPT2	Papeete2	70.33 262	eLR	LR	11 23 38.1	
PPT2	comp=Z,7um,28.2s,baz=122					
PPT2	Papeete2	70.33 262	eT	T	12 18 54.6	
PPT	Papeete	70.34 262	P	P	11 02 30.5	+2.5
PPT	comp=Z,38nm,1.0s,baz=102,slow=7.8,SNR=6.0					
PPT	comp=Z,5um,18.3s,baz=145,slow=30					
U54A	Nelsons Funny	70.38 352	P	P	11 02 27.3	-0.5
U54A	comp=Z,66nm,1.0s					
U54A	comp=Z,2um,22.0s					
U54A	Nelsons Funny	70.38 352	P	P	11 02 28.3	+0.5
V48A	Smith Brothers	70.38 347	P	P	11 02 27.2	-0.5
T59A	Double "B" Far	70.42 355	P	P	11 02 28.1	+0.2
T59A	Double "B" Far	70.42 355	P	P	11 02 29.1	+1.2
T58A	Grand View Acr	70.47 354	P	P	11 02 29.3	+1.1
X40A	Basin Creek Fa	70.52 342	P	P	11 02 29.4	+0.9
T57A	Hurt	70.58 354	P	P	11 02 29.8	+0.8
CLTN	Cedars of Leba	70.63 348	P	P	11 02 29.2	-0.1
UALR	University of	70.66 342	P	P	11 02 29.9	+0.4
UALR	comp=Z,44nm,1.4s					
T56A	Rocky Mt	70.68 353	P	P	11 02 30.5	+0.9
MIAR	Mount to Lew Acr	70.77 341	IAMB	IAMB	11 02 54.9	
MIAR	Mount Ida	70.77 341	P	P	11 02 30.8	+0.7
T55A	Pulaski	70.85 353	P	P	11 02 31.9	+1.3
ABTX	Abilene, Hawle	70.85 336	IAMB	IAMB	11 02 43.4	
ABTX	Abilene, Hawle	70.85 336	P	P	11 02 31.9	+1.2
T54A	Tazewell	70.88 352	P	P	11 02 31.0	+0.1
BLA	Blacksburg	70.90 353	P	P	11 02 30.7	-0.3
BLA	Blacksburg	70.90 353	P	P	11 02 30.7	-0.3
BLA	comp=Z,170nm,1.9s					
BLA	Blacksburg	70.90 353	P	P	11 02 31.4	+0.4
T53A	Wise	70.92 351	P	P	11 02 31.3	+0.2
U49A	Red Boiling Sp	70.95 348	P	P	11 02 30.7	-0.5
WVT	Waverly	70.95 346	P	P	11 02 30.8	-0.4
WVT	Waverly	70.95 346	P	P	11 02 30.8	-0.4
WVT	comp=Z,139nm,1.0s					
WVT	Waverly	70.95 346	P	P	11 02 31.5	+0.3
HBAR	Harrisburg	71.00 344	P	P	11 02 31.7	+0.2
HBAR	Gary Mavity, V	71.02 343	P	P	11 02 32.5	+0.9
W41B	Gary Mavity, V	71.02 343	P	P	11 02 32.6	+1.0
SS8A	Poland Farm, P	71.09 355	P	P	11 02 33.0	+1.0
SS8A	Poland Farm, P	71.09 355	P	P	11 02 34.1	
SS8A	comp=Z,75nm,1.2s					
T51A	Gray	71.10 350	P	P	11 02 32.5	+0.4
T52A	Hallie	71.11 351	IAMS_20	IAMS_20	11 37 07.4	
T52A	Hallie	71.11 351	P	P	11 02 32.3	+0.1
WHAR	Woolly Hollow	71.14 343	P	P	11 02 32.5	+0.2
SS9A	Mechanicsville	71.19 356	P	P	11 02 34.0	+1.5
GNAR	Gosnell	71.25 345	P	P	11 02 32.2	-0.8
LNKT	Lenox	71.26 345	P	P	11 02 32.6	-0.5
SS6A	Natural Bridge	71.28 354	P	P	11 02 34.0	+0.8
T50A	Nancy	71.29 349	P	P	11 02 33.6	+0.3
S57A	Dark Hollow, R	71.31 354	P	P	11 02 34.4	+1.0
S57A	Dark Hollow, R	71.31 354	P	P	11 02 35.2	
S57A	comp=Z,48nm,1.0s					
S57A	Dark Hollow, R	71.31 354	P	P	11 02 34.5	+1.1
UTMT	University of	71.36 346	P	P	11 02 34.3	+0.6
GLAT	Glass	71.38 345	P	P	11 02 33.3	-0.5
R58B	Mineral	71.43 355	IAMB	IAMB	11 02 36.5	
R58B	Mineral	71.43 355	P	P	11 02 35.5	+1.5
W39A	Magazine	71.44 341	P	P	11 02 34.7	+0.5
W39A	Magazine	71.44 341	P	P	11 02 35.2	+1.0
SS5A	Lewisburg	71.47 353	P	P	11 02 35.2	+0.8
T49A	Edmonton	71.49 349	IAMB	IAMB	11 02 35.7	
T49A	Edmonton	71.49 349	P	P	11 02 34.6	+0.2
SS3A	Williamson	71.56 352	P	P	11 02 35.2	+0.2
SS4A	Dingess, Beckl	71.58 352	P	P	11 02 34.6	-0.4
SS4A	Dingess, Beckl	71.58 352	P	P	11 02 36.1	
SS4A	comp=Z,46nm,1.1s					
LCAR	Lake Charles	71.61 344	P	P	11 02 35.1	-0.1
PENMO	Penman	71.63 345	P	P	11 02 36.1	+0.9
HICK	Hickman	71.63 345	P	P	11 02 36.3	+1.0
CSN	Corbin Frederi	71.63 356	IAMB	IAMB	11 02 37.3	
SRIG	Santa Rosalia	71.64 323	IAMS_20	IAMS_20	11 27 30.0	
T47A	Sharon Grove	71.65 347	P	P	11 02 35.8	+0.4
T47A	Sharon Grove	71.65 347	P	P	11 02 36.6	
FCAR	Ozark Folk Cen	71.67 343	P	P	11 02 36.1	+0.6
SS1A	Beattyville	71.71 350	IAMB	IAMB	11 02 36.1	+0.3
SS1A	Beattyville	71.71 350	P	P	11 02 36.1	+0.3
R58A	Rapidan	71.77 355	P	P	11 02 37.1	+1.0
R57A	Stanardsville	71.81 355	P	P	11 02 37.6	+1.3
SS0A	Richmond	71.87 350	P	P	11 02 37.4	+0.7
R54A	Victor	71.92 353	P	P	11 02 37.5	+0.4
R56A	Bull Pasture M	71.99 354	P	P	11 02 39.3	+1.7
S49A	Springfield	72.11 349	P	P	11 02 38.0	-0.2
PBMO	Poplar Bluff	72.12 345	P	P	11 02 37.9	-0.3
PBMO	comp=Z,75nm,1.1s					
R53A	Hurricane	72.18 352	IAMB	IAMB	11 02 39.8	
R53A	Hurricane	72.18 352	P	P	11 02 38.7	+0.1

R52A	Catlettsburg	72.27 351	P	P	11 02 39.6	+0.5
U40A	Yellville	72.29 342	P	P	11 02 39.0	-0.3
U40A	comp=Z,42nm,0.8s					
U40A	Yellville	72.29 342	P	P	11 02 39.8	+0.5
R51A	Hillsboro	72.36 350	P	P	11 02 40.0	+0.4
Q58A	Fox Den Farm,	72.39 355	P	P	11 02 41.0	+1.3
HSIG	comp=Z,107nm,1.8s					
HSIG	comp=Z,2um,18.0s					
R50A	Paris	72.45 350	P	P	11 02 40.1	-0.1
R50A	Paris	72.45 350	P	P	11 02 40.5	+0.4
WMOK	Wichita Mounta	72.49 337	IAMB	IAMB	11 02 43.0	
WMOK	Wichita Mounta	72.49 337	P	P	11 02 41.2	+0.6
Q57A	Strasburg	72.53 355	P	P	11 02 42.2	+1.5
R49A	Shelbyville	72.59 349	P	P	11 02 41.1	+0.1
R49A	comp=Z,54nm,1.2s					
R49A	Shelbyville	72.59 349	P	P	11 02 41.1	+0.1
Q56A	Snyder Ridge,	72.60 354	IAMB	IAMB	11 03 05.3	
Q56A	Snyder Ridge,	72.60 354	P	P	11 02 42.5	+1.4
Q55A	Buckhannon	72.64 353	P	P	11 02 42.5	+1.2
Q53A	Leroy	72.65 352	P	P	11 02 41.9	+0.6
TUL1	Leonard	72.66 340	IAMB	IAMB	11 02 53.6	
TUL1	Leonard	72.66 340	P	P	11 02 42.1	+0.6
OKCFA	Oklahoma City	72.69 338	P	P	11 02 42.0	+0.3
OKCFA	University of	72.70 347	IAMB	IAMB	11 02 53.7	
USIN	University of	72.70 347	IAMB	IAMB	11 02 53.7	
Q54A	Coxs Mills	72.70 353	P	P	11 02 41.4	-0.3
Q54A	comp=Z,85nm,1.8s					
Q54A	Coxs Mills	72.70 353	P	P	11 02 42.0	+0.3
WCI	Wyandotte Cave	72.71 348	P	P	11 02 41.4	-0.3
WCI	Wyandotte Cave	72.71 348	P	P	11 02 41.4	-0.3
WCI	comp=Z,24nm,0.9s					
WCI	Wyandotte Cave	72.71 348	P	P	11 02 41.5	-0.2
EPT	El Paso	72.73 330	IAMS_20	IAMS_20	11 30 18.8	
S44A	Carbondale	72.75 346	P	P	11 02 41.8	-0.2
S44A	Bidwell	72.84 352	P	P	11 02 43.3	+0.8
Q52A	Bidwell	72.84 352	P	P	11 02 43.3	+0.8
MGMO	Mountain Grove	72.91 343	P	P	11 02 43.2	+0.2
MGMO	Mountain Grove	72.91 343	IAMB	IAMB	11 02 55.2	
P58A	Pank, Wackers	72.91 356	P	P	11 02 44.6	+1.7
P57A	Homestead Farm	72.95 355	IAMB	IAMB	11 02 45.7	
P57A	Homestead Farm	72.95 355	P	P	11 02 45.2	+2.1
Q50A	Georgetown	72.95 350	P	P	11 02 44.2	+1.0
P61A	Hammonton	72.97 358	IAMS_20	IAMS_20	11 36 43.7	
P59A	Jarrettsville	72.98 356	P	P	11 02 44.8	+1.6
P56A	Dayton Farm, R	73.03 354	P	P	11 02 45.5	+1.9
Q51A	Peaslee	73.04 351	IAMB	IAMB	11 02 56.2	
Q51A	Peaslee	73.04 351	P	P	11 02 44.3	+0.6
P55A	Reedsville	73.12 354	P	P	11 02 44.9	+0.7
P60A	Greenville	73.14 357	IAMS_20	IAMS_20	11 36 55.2	
P60A	Greenville	73.14 357	P	P	11 02 45.6	+1.4
MSTX	Muleshoe	73.19 334	IAMB	IAMB	11 02 45.5	+0.7
MSTX	Muleshoe	73.19 334	P	P	11 02 56.3	
MSTX	comp=Z,53nm,0.8s					
MSTX	comp=Z,2um,20.0s					
MSTX	Muleshoe	73.19 334	P	P	11 02 45.9	+1.1
Q49A	Aurora	73.24 350	P	P	11 02 44.8	-0.1
P53A	Whipple	73.26 352	IAMB	IAMB	11 02 46.4	
P53A	Whipple	73.26 352	P	P	11 02 45.6	+0.7
P54A	Burton	73.28 353	P	P	11 02 45.3	+0.2
Q48A	North Vernon	73.30 349	P	P	11 02 45.4	+0.2
MVL	Millersville	73.36 357	P	P	11 02 46.5	+0.9
MVL	comp=Z,58nm,1.4s					
MVL	Millersville	73.36 357	IAMB	IAMB	11 36 56.1	
P51A	Williamsport	73.45 351	P	P	11 02 45.5	-0.6
P51A	Williamsport	73.45 351	IAMB	IAMB	11 02 47.3	
P51A	comp=Z,95nm,1.2s					
P51A	Williamsport	73.45 351	P	P	11 02 46.3	+0.2
P52A	Corning	73.49 352	P	P	11 02 46.5	+0.2
O58A	Lewisberry	73.52 356	P	P	11 02 48.0	+1.5
CCM	Cathedral Cave	73.53 344	P	P	11 02 45.9	-0.7
CCM	Cathedral Cave	73.53 344	P	P	11 02 45.9	-0.7
CCM	comp=Z,87nm,1.0s					
CCM	comp=Z,900nm,19.0s					
CCM	Cathedral Cave	73.53 344	P	P	11 02 46.7	+0.2
MAW	Mawson	73.53 346	P	P	11 02 46.5	+0.2
MAW	comp=Z,45nm,1.1s,baz=200,slow=9.1,SNR=7.5					
319A	Douglas	73.60 327	IAMB	IAMB	11 03 26.5	
319A	comp=Z,82nm,1.3s					
319A	comp=Z,2um,21.0s					
AMTX	Amarillo	73.61 335	IAMB	IAMB	11 03 00.1	
PAGS	Pennsylvania G	73.61 356	P	P	11 02 47.6	+0.7
PAGS	comp=Z,2um,20.0s					
O60A	Telford	73.64 357	P	P	11 02 48.9	+1.7
O57A	Amersong	73.65 355	P	P	11 02 48.5	+1.2
O59A	Robesonia	73.67 357	P	P	11 02 48.8	+1.5
BLO	Bloomington	73.67 348	IAMB	IAMB	11 03 00.4	
BLO	comp=Z,95nm,0.8s					
S39A	Bolivar	73.67 342	P	P	11 02 46.9	-0.5
S39A	comp=Z,100nm,1.5s					
P50A	Jamestown	73.68 351	P	P	11 02 47.8	+0.4
P49A	Miami Univ, Ec	73.73 350	P	P	11 02 47.3	-0.4
O55A	Ligonier	73.77 354	P	P	11 02 48.7	+0.7
O56A	Blue Knob Stat	73.77 355	IAMB			

Table with columns: ID, Name, Value, P, P, Value, Value. Rows include Urbana, Shokan, ALLY, M52A, M52A, M52A, M52A, M50A, M50A, L58A, L57A, ANMO, ANMO, ANMO, L59A, L59A, HDIL, QU2A, M49A, BINY, L56A, L56A, L56A, L53A, M48A, M48A, M48A, M47A, L55A, L61B, ERPA, 214A, 214A, 214A, HRV, HRV, HRV, HRV, L54A, R32A, KSU1, W60Y, W60Y, K62A, L50A, N41A, TRY, TRY, L48A, K59A, K58A, M44A, M44A, K56A, K54A, L49A, K55A, L47A, AAM, L46A, L46A, K52A, K51A, J62A, X18A, J61A, T25A, T25A, K50A, K50A, ACCN, ACCN, J56A, J56A, J58A, J58A.

Table with columns: ID, Name, Value, IAMS_20, IAMS_20, Value, Value. Rows include J58A, J55A, J57A, J57A, J57A, J57A, J59A, J59A, J59A, J59A, RAR, L44A, L44A, K47A, 113A, K48A, J52A, HNH, W18A, W18A, W18A, K46A, I58A, L42A, I59A, I60A, I62A, I62A, I62A, X16A, I61A, I57A, J49A, J48A, J48A, J48A, I63A, PECO, J47A, J47A, J47A, K43A, K43A, K43A, LBNH, LBNH, LBNH, I51A, SDCO, SDCO, GLA, I55A, SCIA, SCIA, KSCO, KSCO, H58A, H57A, H60A, I49A, I49A, H62A, WVL, WVL, LONY, H59A, IKP, H63A, H64A, DELO, DELO, H56A, H55A, JFWS, JFWS, JFWS, JFWS, SWCO, H65A, Y12C, Y12C, Y12C, WUAZ, WUAZ, WUAZ, H53A.

Table with columns: ID, Name, Value, IAMB, IAMB, Value, Value. Rows include S22A, S22A, S22A, EMMW, EMMW, FRNY, I47A, I47A, I47A, H66A, I46A, I48A, BAR, BAR, H52A, H52A, MVCO, MVCO, HAL, HAL, MONP2, SADO, SADO, PDMO, G60A, G63A, BC3, G57A, G58A, PLVO, G62A, G62A, Q24A, Q24A, GGN, GGN, G61A, G65A, G65A, PKME, G64A, G53A, 109C, G55A, H48A, H48A, H48A, IRM, I42A, I42A, G54A, XPFO, XPFO, PFO, PFO, PFO, PFO, GLMI, GLMI, BELC, I40A, F63A, F63A, H43A, G47A, F64A, F64A, F55A, U15A, OGNE, OGNE, MURC, F60A, GBN, G45A, G45A, TSUM, TSUM, TSUM, F52A, SMCO, SMCO, LMN, LMN, ALGO, ISCO, ISCO.

ISCO	comp=Z,35nm,1.4s				
ISCO	Idaho Springs	79.40 334	P	P	11 03 22.0 +1.8
GMRC	Granite Mounta	79.41 325	P	P	11 03 22.7 +2.5
F51A	Arnstein	79.50 354	P	P	11 03 20.8 +0.6
F49A	Sandfield	79.53 353	P	P	11 03 20.8 +0.4
BBRC	Big Bear Solar	79.61 324	P	P	11 03 24.2 +2.9
E60A	Ste Agathe de	79.62 0	P	P	11 03 21.9 +1.1
E58A	La Victoria	79.63 359	P	P	11 03 21.9 +1.0
F48A	Evansville	79.66 352	P	P	11 03 21.7 +0.6
E57A	Chemin Saint G	79.68 350	P	P	11 03 22.2 +1.0
E61A	Lac Etchemin	79.69 1	P	P	11 03 23.3 +2.0
E63A	Oxbow	79.74 3	Iamb	Iamb	11 03 24.1
E63A	Oxbow	79.74 3	P	P	11 03 23.2 +1.7
E62A	Bridgewater	79.75 3	P	P	11 03 23.4 +1.8
E54A	Mattawa	79.76 355	P	P	11 03 22.4 +0.8
HEC	Hector Ludlow	79.77 324	P	P	11 03 24.9 +2.8
E55A	Montcerf-Lyto	79.79 357	P	P	11 03 22.8 +1.0
E53A	Dumoine, Ponti	79.79 356	P	P	11 03 22.7 +0.9
E54A	Lac Duplat, Po	79.82 356	P	P	11 03 22.7 +0.7
E56A	St. Veronique	79.84 358	P	P	11 03 22.6 +0.6
F45A	CMU Biological	79.88 350	P	P	11 03 22.8 +0.6
BFSC	Mount Baldy Ra	79.95 323	P	P	11 03 25.2 +2.1
PQI	Presque Isle	80.00 3	Iamb	Iamb	11 03 36.6
TUQ	Turquoise Moun	80.06 325	P	P	11 03 26.2 +2.5
E51A	G1948 Merrick	80.07 355	P	P	11 03 24.0 +0.7
LMC	Little Creek M	80.11 328	P	P	11 03 25.1 +1.1
WCW	Mount Wilson	80.14 323	IAMS_20	IAMS_20	11 31 56.2
PASC	comp=Z,21m,21.0s	80.17 323	Iamb	Iamb	11 03 28.2
PASC	Pasadena Art C	80.17 323	IAMS_20	IAMS_20	11 31 34.8
D60A	Saint Jean D'o	80.17 1	P	P	11 03 25.1 +1.3
ECSD	EROS Data Cent	80.20 342	Iamb	Iamb	11 03 36.3
ECSD	EROS Data Cent	80.20 342	P	P	11 03 24.8 +0.7
BOSA	Bosho	80.21 118	I/P	P	11 03 25.6 +0.7
BOSA	Bosho	80.21 118	P	P	11 03 25.0 +0.1
BOSA	comp=Z,41nm,1.1s,baz=238,slow=5.0,SNR=20				11 34 04.9
BOSA	comp=Z,21m,21.9s,baz=237,slow=32				11 34 04.9
BOSA	Bosho	80.21 118	I/P	P	11 03 25.6 +0.7
BOSA	Bosho	80.21 118	P	P	11 03 25.0 +0.1
D59A	Saint-Raymond	80.26 0	P	P	11 03 25.9 +1.6
E48A	Locke	80.26 353	P	P	11 03 24.8 +0.4
D57A	Chemin Vers le	80.28 359	P	P	11 03 25.4 +0.9
D55A	Sainte-Anne-du	80.33 358	P	P	11 03 25.1 +0.5
D56A	ZEC Mazanza, M	80.34 358	P	P	11 03 25.5 +0.8
D58A	Chemin du Lac9	80.35 359	P	P	11 03 25.7 +0.9
E47A	Iron Bridge	80.35 352	P	P	11 03 25.2 +0.4
D63A	Stockholm	80.36 3	P	P	11 03 26.3 +1.4
D62A	comp=Z,163,SNR=5.4				11 03 27.2
D62A	Allapat, All	80.37 2	Iamb	Iamb	11 37 00.6
D62A	comp=Z,21m,22.0s				11 37 00.6
D62A	comp=Z,182,SNR=12				11 37 00.6
G2C	Goldstone, Bar	80.38 324	IAMS_20	IAMS_20	11 31 52.4
G2C	Goldstone, Bar	80.38 324	P	P	11 03 27.6 +2.2
E46A	Sault Ste Mari	80.39 351	Iamb	Iamb	11 03 26.3
E46A	comp=Z,104nm,1.3s				11 44 05.1
CASY	Casey	80.40 181	P	P	11 03 26.3 +1.2
CASY	comp=Z,68nm,1.1s				11 03 39.2
D61A	St Aubert, Com	80.47 1	P	P	11 03 26.9 +1.5
N23A	Red Feather La	80.48 335	P	P	11 03 26.3 +0.3
N23A	comp=Z,68nm,1.6s				11 03 48.0
N23A	comp=Z,21m,19.0s				11 36 29.9
N23A	Red Feather La	80.48 335	P	P	11 03 27.6 +1.5
D53A	Lac Vacive, Po	80.49 356	P	P	11 03 24.8 -0.7
D53A	comp=Z,21m,20.0s				11 41 20.8
D53A	Lac Vacive, Po	80.49 356	P	P	11 03 26.0 +0.5
D54A	Lac Fusel, La	80.51 357	P	P	11 03 25.7 +0.1
SHRP	Sheep Range	80.57 326	IAMS_20	IAMS_20	11 33 44.3
SHOC	Shoshone, Teco	80.60 325	P	P	11 03 28.6 +2.1
CHUC	Cedar City	80.61 328	P	P	11 03 28.6 +1.9
D51A	Lot 18 Range I	80.61 355	P	P	11 03 26.7 +0.5
EDW2	Edwards Air Fo	80.63 323	P	P	11 03 28.8 +2.1
LATQ	La Tuque	80.64 359	P	P	11 03 27.7 +1.4
LATQ	La Tuque	80.64 359	P	P	11 03 27.5 +1.2
PHWY	Pilot Hill	80.67 335	Iamb	Iamb	11 03 37.4
O20A	White River Ci	80.67 333	Iamb	Iamb	11 03 41.0
O20A	comp=Z,21m,20.0s				11 34 49.0
O20A	White River Ci	80.67 333	P	P	11 03 28.7 +1.7
SPMM	Marine on St.	80.72 345	P	P	11 03 26.8 0.0
D50A	C1974 Best Tow	80.73 355	P	P	11 03 27.3 +0.5
E43A	Lone Tree Farm	80.77 350	Iamb	Iamb	11 03 28.7
OSI	Osito Audit: C	80.79 323	IAMS_20	IAMS_20	11 34 45.3
OSI	Osito Audit: C	80.79 323	P	P	11 03 30.2 +2.6
E44A	Grand Marais A	80.85 350	IAMS_20	IAMS_20	11 44 33.3
E44A	Grand Marais A	80.85 350	P	P	11 03 29.0 +1.5
D46A	Sault St. Mari	80.87 352	P	P	11 03 28.1 +0.5
D48A	Paudash Townsh	80.91 353	P	P	11 03 28.1 +0.3
D47A	Chapleau	80.93 352	P	P	11 03 28.2 +0.3
LPMC	Laurel Mtn Rad	80.95 324	P	P	11 03 30.9 +2.4
D49A	Beulah Townsh	80.96 354	P	P	11 03 28.8 +0.7
TMUT	Trail Mountain	81.14 330	P	P	11 03 31.1 +1.5
MPMC	Manual Prospec	81.32 324	P	P	11 03 32.3 +1.8
FURC	Furnace Creek,	81.34 325	P	P	11 03 32.9 +2.5

TPNV	Topopah Spring	81.44 326	P	P	11 03 33.4 +2.3
SUSD	Miller	81.48 341	Iamb	Iamb	11 03 44.6
ISA	Isabella, Lake	81.49 323	P	P	11 03 33.1 +1.8
ISA	Isabella, Lake	81.49 323	IAMS_20	IAMS_20	11 32 52.8
ISA	Isabella, Lake	81.49 323	P	P	11 03 33.1 +1.8
ISA	Isabella, Lake	81.49 323	P	P	11 03 33.8 +2.5
VLDQ	Val d'Or	81.51 356	Iamb	Iamb	11 03 32.8
VLDQ	comp=Z,21m,20.0s				11 43 53.2
DAC	Darwin (Calif)	81.54 324	IAMS_20	IAMS_20	11 32 49.2
PKM	McPherson Peak	81.56 322	P	P	11 03 34.4 +2.6
PSUT	Pine Spring	81.64 328	P	P	11 03 33.9 +1.7
RWWY	Rawlins	81.64 334	IAMS_20	IAMS_20	11 36 01.5
E38A	The Farm, Brul	81.78 347	IAMS_20	IAMS_20	11 44 41.0
CWC	Cottonwood Cre	81.91 324	P	P	11 03 36.0 +2.5
MPU	Maple Canyon	81.92 330	P	P	11 03 34.8 +1.2
VES	Vestal, Richgr	81.94 323	P	P	11 03 35.8 +2.3
SMMC	Simmer	81.98 322	P	P	11 03 36.9 +3.0
GRAC	Grapevine Rang	82.01 325	P	P	11 03 36.4 +2.5
K22A	Casper	82.23 335	P	P	11 03 35.5 +0.3
K22A	Casper	82.23 335	Iamb	Iamb	11 04 00.7
R11A	Troy Canyon, C	82.26 327	Iamb	Iamb	11 04 14.8
R11A	comp=Z,55nm,1.4s				11 35 38.2
R11A	Troy Canyon, C	82.26 327	P	P	11 03 37.8 +2.4
LBTB	Loblatse	82.43 115	I/P	P	11 03 37.1 +0.5
LBTB	Loblatse	82.43 115	I/P	P	11 03 37.1 +0.5
LBTB	Loblatse	82.43 115	P	P	11 03 36.4 -0.3
LBTB	Loblatse	82.43 115	P	P	11 03 36.4 -0.3
LSQ	Lebel-sur-Quev	82.43 357	P	P	11 03 36.3 +0.6
DUG	Dugway, Tooele	82.56 330	P	P	11 03 36.8 -0.1
DUG	comp=Z,56nm,1.4s				11 04 09.1
DUG	Dugway, Tooele	82.56 330	P	P	11 03 36.8 -0.1
DUG	comp=Z,56nm,1.4s				11 03 36.8 -0.1
DUG	Dugway, Tooele	82.56 330	P	P	11 03 38.8 +1.9
RSSD	Black Hills	82.70 337	P	P	11 03 38.2 +0.7
RSSD	Black Hills	82.70 337	P	P	11 03 38.3 +0.7
RSSD	comp=Z,16nm,0.9s				11 03 38.7 +1.1
RSSD	Black Hills	82.70 337	P	P	11 03 38.7 +1.1
TCUT	Toone Canyon	82.76 331	P	P	11 03 39.5 +1.4
EYMN	Ely	83.06 347	Iamb	Iamb	11 03 39.1 0.0
EYMN	comp=Z,38nm,1.2s				11 03 40.3
EYMN	Ely	83.06 347	P	P	11 03 39.4 +0.3
CMLA	Cha da Macela	83.14 35	P	P	11 03 39.5 -0.2
CMLA	Cha da Macela	83.14 35	P	P	11 03 39.6 -0.2
MATO	Matagami	83.16 356	P	P	11 03 39.8 +0.3
MLAC	Malamoth, Mam	83.22 324	P	P	11 03 43.1 +2.6
HWUT	Hardware Ranch	83.24 331	P	P	11 03 41.1 +0.7
HWUT	comp=Z,94nm,1.6s				11 04 44.4
BGU	Big Grassy Mou	83.27 330	P	P	11 03 40.6 0.0
OMMB	Old Mammoth M	83.29 324	P	P	11 03 42.5 +1.6
SPUT	South Promonto	83.34 331	P	P	11 03 41.5 +0.6
PDAR	Pinedale Arra	83.43 333	P	P	11 03 41.6 +0.2
PDAR	comp=Z,3.6nm,0.8s,baz=142,slow=7.1,SNR=20				11 09 00.4 +1.4
PDAR	Pinedale Array	83.44 333	P	P	11 09 00.4 +1.4
D32A	Dogwood Acres,	83.48 343	Iamb	Iamb	11 03 42.8
DRLN	Deer Lake	83.51 9	P	P	11 03 42.0 +0.6
DRLN	comp=Z,21m,20.0s				11 40 16.5
NVAR	Mina Array Bea	83.59 325	P	P	11 03 44.0 +1.6
NVAR	comp=Z,5.4nm,0.8s,baz=151,slow=4.8,SNR=33				11 09 00.1 +0.8
NVAR	comp=Z,0.7nm,0.6s,baz=141,slow=6.5,SNR=48				11 34 12.4
SAO	San Andreas Ge	83.85 322	IAMS_20	IAMS_20	11 33 22.4
HVU	Hansel Valley	83.87 331	P	P	11 03 44.6 +1.0
HVU	Hansel Valley	83.87 331	P	P	11 03 44.7 +1.0
RPZ	Rata Peaks	83.96 221	P	P	11 03 45.8 +1.6
KVN	Kaiserwell	83.99 326	IAMS_20	IAMS_20	11 34 09.0
AHD	Auburn Hatcher	84.03 332	P	P	11 03 45.5 +1.0
TORD	Torodi Ar. Bea	84.04 70	P	P	11 03 44.9 0.0
TORD	comp=Z,56nm,0.8s,baz=259,slow=4.3,SNR=165				11 09 01.1 +0.7
TORD	comp=Z,9.0nm,0.8s,baz=245,slow=4.9,SNR=8.7				11 38 23.4
ELK	Elko	84.06 328	P	P	11 03 44.5 -0.2
ELK	Elko	84.06 328	P	P	11 03 44.5 -0.2
WAKR	Walker	84.20 324	Iamb	Iamb	11 03 49.9
WAKR	comp=Z,85nm,1.8s				11 34 37.6
AGMN	Agassiz Nanch	84.30 344	Iamb	Iamb	11 03 57.3
AGMN	Agassiz Nanch	84.30 344	P	P	11 03 45.9 +0.4
REDW	Red Top Meadow	84.44 333	Iamb	Iamb	11 04 24.4
REDW	comp=Z,33nm,1.2s				11 36 50.7
YERR	Yerington	84.48 325	Iamb	Iamb	11 04 39.3
YERR	comp=Z,40nm,1.3s				11 35 01.0
SNOW	Snow King Moun	84.49 333	Iamb	Iamb	11 04 49.9
SNOW	comp=Z,31m,19.0s				11 38 10.0
PNTR	Pine Nut	84.74 325	Iamb	Iamb	11 04 15.2
PNTR	comp=Z,82nm,1.7s				11 35 17.8
FXWY	Fox Creek	84.74 333	IAMS_20	IAMS_20	11 37 11.7
MDND	Maddock	84.80 342	P	P	11 03 49.1 +1.2
VCNR	Virginia City	84.92 325	IAMS_20	IAMS_20	11 35 24.7
FLWY	Flagg Ranch	85.00 333	P	P	11 03 50.1 +0.8
FLWY	comp=Z,26nm,0.8s				11 04 30.2
PAHR	Pah Rah Rang	85.12 325	Iamb	Iamb	11 03 54.1
PAHR	comp=Z,63nm,1.5s				11 37 10.0
H17A	Grant Village	85.22 333	P	P	11 03 51.7 +1.2
H17A	Grant Village	85.22 333	P	P	11 03 52.4 +1.9
AFDM	Forest Hills D	85.30 324	Iamb	Iamb	11 03 54.2

AFDM	comp=Z,11m,19.0s				11 34 42.5
LKWY	Lake	85.30 334	Iamb	Iamb	11 04 22.0
RLMT	Red Lodge	85.36 335	Iamb	Iamb	11 04 50.8
YMR	Madison River	85.60 333	P	P	11 03 53.3 +1.0
CRZF	Crozet Islands	85.61 145	IAMS_20	IAMS_20	11 39 11.5
YHH	Holmes Hill	85.66 333	P	P	11 03 53.5 +0.8
LAAO	LASA Array	85.69 337	Iamb	Iamb	11 04 13.4
BEKR	Beckworth	85.71 325	Iamb	Iamb	11 03 56.8
BEKR	comp=Z,54nm,1.6s				11 35 48.5
YHL	Hebgen Lake	85.83 333	P	P	11 03 54.5 +0.9
ORV					

4d 10h

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like ESDC Sonseca Array, TOO Toolangi, CAN Canberra, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VYHS Vyehne, KTH Kantishna Hill, OKM Ostrava-Krasne, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kiv, KBZ Khabaz, GOF Gofitskoye, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like Erkin-Say, Almayaysha, Ospanovka, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like DL2, KMI, Nanjing, Beijing, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like HOPE, PTGA, GRGR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like LINIG, MNIG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ROCI, PELDE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KLMR, PETK, AKTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CROM, NEGA, TGL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ROCC, ROCC, ROCC, etc.

IDC 04 11:19:38.4, 1.5, 59.89N, 153.05W, h83km, 25km, mb3.6/8, mb1 3.8/13, mb1mx3.4/61, mbtmp4.0/13, Error ellipse: s-maj=28.7km s-min=10.1km az=112.0

IDC 04 11:19:40.4, 1.3, 59.86N, 153.05W, h108km, 4km, Error ellipse: s-maj=4.8km s-min=1.6km az=196.0

IDC 04 11:19:41.8, 1.4, 59.86N, 153.05W, h104km, 3km, ML3.5/140, mb3.9/6(NEIC), Error ellipse: s-maj=5.0km s-min=3.4km az=148.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILS, IVE, AU22, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ADK, YKA, RES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ, LPAZ, LPAZ, etc.

IDC 04 11:21:37.7, 1.7, 33.46S, 71.50W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/30, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=64.3km s-min=37.6km az=72.0, Near coast of central Chile

SJA 04 11:24:19.4, 0.3, 35.17S, 71.78W, h47km, 7km, ML4.2, MW4.5

GUC 04 11:24:19.6, 0.7, 35.15S, 71.98W, h54km, 2km, ML4.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKT, PWL, PMR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GO05, GO05, GO05, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URIC, GRGR, VNA3, etc.

Table with columns: TXAR, comp-Z, pP, 11 35 45.6 +0.6, etc. Lists various astronomical objects and their properties.

Table with columns: USP, Osenovka, 152.88 62 P, PKIKP, 11 44 12.8 +0.5, etc. Lists astronomical objects with detailed parameters.

Table with columns: IGT, comp-E, 2.2864µm, 0.6s, AML, AML, 11 39 39.1, etc. Lists astronomical objects with various identifiers and coordinates.

PDG 04 11:38:40.2±0.4, 38.22N±0.30E, h13km, 1km, ML3.8/13, Error ellipse: s-maj=0.9km s-min=1.0km az=0.0, etc.

SJA 04 11:39:03.8±0.9, 33.71S±72.97W, h10km, ML4.1, MW3.7, Off coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Lists astronomical objects in the SJA region.

4d 12h

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like ARK Arkit, KK31 Karatay Array, ARSB Arslanbob, MRKS Merke, etc.

ISC 04 12:15:56.6±1.3, 33.66Sx72.00W, h0km, mb3.5/4, mb1 3.8/7, mb1mx3.7/21, mbtmp3.6/7, ML3.7/3, Error ellipse: s-maj=37.8km s-min=30.0km az=88.0

SJA 04 12:15:58.0±0.7, 33.70Sx72.02W, h20km, 7km, ML3.8, MV4.2

GUC 04 12:15:59.0±0.5, 33.70Sx71.94W, h37km, 4km, ML3.6

ISC 04 12:15:58.4±1.5, 33.87S-0.03x72.01W±0.05, h9km, 10km, n38, c193/59, mb3.8/3, 4C-2D, Off coast of central Chile

Main station list table for the 4d 12h period, including stations like YA01 Torpederas, MT02 Curacav, ROC1 El Roble, etc.

2014 MAR

Main station list table for the 2014 MAR period, including stations like ARK Arkit, ARSB Arslanbob, MRKS Merke, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like BTLS Baital, KUU Kurty, TNS5 Tian-Shan, etc.

UCR 04 12:25:49.7±1.4, 12.52N-87.81W, h60km, 17km, ML3.6

INET 04 12:25:49.5, 12.47N-87.71W, h50km, ML4.3

SNET 04 12:25:49.1, 12.25N-87.82W, h57km, 16km, ML3.6

ISC 04 12:25:49.1±3.6, 12.4N-0.2x77.00W±0.08, h52km, 31km, n36, c054/64, Near coast of Nicaragua

Main station list table for the 2014 MAR period, including stations like CNCH Conchagua, JUCU Jucuarin, BLLM Bellamira, etc.

SKHL 04 12:41:19.1±0.7, 42.95N-145.86E, h36km, 1km, mb3.8/1

TWK	S	Sg	16 02 49.0 +1.0	DPDB	S	Sb	16 03 09.0 +1.3	YHNB	Yeheng	1.55	22	P	Pg	16 03 09.3 -0.6					
SLGT	baz=284 Liugui	0.25	198 ↑P	Pg	16 02 45.4 +0.2	OWD	Renai	0.83	29	↑P	Pg	16 02 56.2 0.0	YHNB	baz=23					
SLGT	baz=191	S	Sg	16 02 49.0 +0.3	EAST	Ansuo	0.85	173	↑P	Pb	16 02 56.7 -0.3	SBCB	baz=23 Hsiu-chu	1.57	8	eP	Pb	16 03 09.1 -0.3	
ELDTW	baz=191 Lidau	0.27	99 ↓P	Pb	16 02 46.2 -0.9	EAST	baz=164 Lutao	0.86	127	↓P	Pb	16 03 09.0 +0.4	SBCB	baz=351 Hsinchu	1.58	8	eP	Pg	16 03 30.2 -0.6
ELDTW	baz=96 ALS	0.29	14 ↑P	Sb	16 02 50.4 -1.3	TWH	baz=126 TWH	0.86	127	↓P	Pb	16 02 57.3 +0.1	HSN	baz=359 Nioudou	1.60	28	eP	Pb	16 03 11.6 +1.1
ALS	baz=17	S	Sb	16 02 46.6 -1.0	TWH	baz=126 WCHH	0.86	349	eP	Pb	16 02 57.4 +0.2	ENTT	baz=18	eS	Sg	16 03 32.7 +1.1			
ALS	baz=17	S	Sb	16 02 51.8 -0.8	WCHH	baz=351	eS	Sn	16 03 10.2 -0.8	WLTB	baz=27 Daxi	1.68	16	eP	Pb	16 03 11.4 +0.2			
YUS	baz=17 Yu-Shan	0.33	38 ↑P	Pb	16 02 47.6 -0.8	WCHH	baz=351	eS	Sn	16 03 10.2 -0.8	WLTB	baz=27	eS	Sg	16 03 34.8 +0.5				
YUS	baz=40	i	Sb	16 02 52.7 -1.3	SCZT	baz=184 Fangliu	0.86	187	↑P	Pb	16 02 56.7 -0.5	TWE	baz=30 Neicheng	1.71	30	eP	Pg	16 03 12.3 -0.7	
CHNS	baz=40 Tsauling	0.37	352 ↓P	Pb	16 02 48.1 -0.8	SCZT	baz=184	eS	Pb	16 03 08.4 -0.4	TWE	baz=30	eS	Sg	16 03 36.4 +1.1				
CHNS	baz=2.0	S	Sb	16 02 54.6 -0.2	ESL	baz=184 Shilin	0.87	48	eP	Pb	16 02 57.2 -0.1	TWC	baz=46 Suao	1.71	36	eP	Pb	16 03 11.9 +0.2	
CHN3	baz=2.0 Shinhua	0.37	246	P	16 02 49.1 +0.2	ESL	baz=48	eS	Sb	16 03 09.3 +0.2	TWC	baz=46	eS	Sg	16 03 35.7 +0.4				
CHN3	baz=259	S	Sb	16 02 55.9 +1.2	TAW	baz=167 Tawu	0.88	170	eP	Pb	16 02 57.4 -0.1	TWE	baz=30	eS	Sg	16 03 12.3 -0.7			
CHN2	baz=326 Minshiang	0.38	322	P	16 02 49.0 0.0	TAW	baz=167	eS	Pb	16 03 09.8 +0.4	TWE	baz=30	eS	Sg	16 03 36.4 +1.1				
CHN2	baz=326	S	Sb	16 02 55.8 +0.7	TCU	baz=359 Taichung	0.91	357	eP	Sn	16 02 58.6 -0.5	SLBB	baz=19 Yuanshan	1.73	28	eP	Pg	16 03 11.8 -0.3	
CHY	baz=326 Chiayi	0.39	313	eP	16 02 48.9 -0.2	TCU	baz=359	eS	Sn	16 03 12.1 -0.2	NCUH	baz=359 Zhongji	1.78	13	eP	Pg	16 03 13.8 -0.5		
CHY	baz=318	eS	Sb	16 02 55.6 +0.4	CHGB	baz=35	S	Sn	16 03 12.5 -0.4	NCU	baz=359 National Centr	1.78	13	eP	Pb	16 03 12.7 -0.3			
WLG	baz=306 Puzi	0.47	302	↓P	16 02 50.3 -0.2	CHGB	baz=35	S	Sn	16 03 12.5 -0.4	ILA	baz=51 ilan	1.79	31	eP	Pb	16 03 13.0 -0.1		
WLG	baz=306	eS	Sb	16 02 58.6 +1.1	WLCH	baz=198 Liquiu	0.93	200	eP	Sn	16 03 00.4 +1.1	EOS1	baz=64 EOS1	1.83	44	eP	Pg	16 03 14.4 -0.9	
WHYT	baz=15 Xinyi Township	0.48	141	eP	16 02 50.0 -0.7	WLCH	baz=198	eS	Sn	16 03 16.5 +3.7	TATO	baz=24 Taipei	1.87	22	eP	Pb	16 03 13.3 -1.1		
WHYT	baz=15	eS	Sb	16 02 57.9 +0.1	TWP	baz=199 Hsiatlichu	0.94	201	eP	Pn	16 03 00.3 +0.8	NHHD	baz=25 Xindian Distri	1.87	23	eP	Pg	16 03 16.3 +0.2	
WGK	baz=345 Gukeng	0.48	341	eP	16 02 50.9 +0.2	TWP	baz=199	eS	Sn	16 03 16.4 +3.4	NTC	baz=50 Toucheng	1.90	32	eP	Pg	16 03 15.9 -0.8		
WGK	baz=345	S	Sb	16 02 59.3 +1.4	WDGT	baz=274 Dungji	0.99	272	↓P	Pg	16 02 58.6 -0.5	TWA	baz=27 Mucha	1.91	24	eP	Pb	16 03 14.9 -0.2	
WDLH	baz=342 Douliu	0.49	339	eP	16 02 51.3 +0.4	WDGT	baz=274	S	Sb	16 03 12.4 0.0	TAP1	baz=24 Taipei	1.94	22	eP	Pb	16 03 15.1 -0.5		
WDLH	baz=342	S	Sb	16 02 59.5 +1.4	WHF	baz=29 Hehuan Shan	1.03	281	eP	Pb	16 03 00.1 -0.4	TWS1	baz=21 Kuanyinshan	1.96	18	eP	Pb	16 03 14.9 -1.2	
SSD	baz=178 Sandimen	0.49	191	↑P	16 02 49.9 -1.0	WHF	baz=29	S	Sn	16 03 15.6 -0.3	TIPB	baz=10.0 Shuangxi	2.00	30	eP	Pb	16 03 16.3 -0.4		
SSD	baz=178	S	Sg	16 02 56.3 +0.1	ENLB	baz=50 Shoufeng	1.04	50	P	Pb	16 03 00.2 -0.2	TIPB	baz=10.0	eS	Sg	16 03 43.7 -0.8			
CHN8	baz=288 Yiji	0.49	284	↓P	16 02 50.5 -0.4	ENLB	baz=50	eS	Pn	16 03 15.3 -0.2	YM01	baz=24 YM01	2.06	22	eP	Pn	16 03 15.0 +0.2		
CHN8	baz=288	eS	Sb	16 02 58.8 +0.6	WHP	baz=50 Taichung City	1.06	111	eP	Pn	16 03 01.3 +0.1	YM10	baz=23 YM10	2.06	21	eP	Pn	16 03 16.1 +1.2	
TWMT	baz=213 Shoushan	0.49	215	↑P	16 02 51.6 +0.6	WHP	baz=50	S	Sn	16 03 18.0 +1.9	NWF	baz=11 Wu-fen Shan	2.07	27	eP	Pb	16 03 18.1 +0.2		
SCLT	baz=266 Jiali	0.50	264	eP	16 02 51.0 0.0	TDCB	baz=22 Techi	1.09	21	↑P	Pg	16 03 00.8 -0.4	WFSB	baz=12 Wu-fen Shan	2.07	27	eP	Pb	16 03 17.3 -0.5
SCLT	baz=266	eS	Sb	16 02 59.7 +1.4	TDCB	baz=22	eS	Sn	16 03 16.8 -0.1	YM11	baz=24 YM11	2.08	22	eP	Pn	16 03 16.0 +0.8			
TAI1	baz=265 Yung-k'ang	0.50	248	eP	16 02 51.4 +0.4	HWA	baz=47 Hwalien	1.09	47	eP	Pn	16 03 02.1 +0.5	ANP	baz=4.0 Anpu	2.08	20	eP	Pn	16 03 15.9 +0.7
TWG	baz=265 Pinlang	0.51	142	↓P	16 02 50.8 -0.5	HWA	baz=47	eS	Sn	16 03 17.4 +0.7	YM03	baz=23 YM03	2.08	21	eP	Pn	16 03 16.0 +0.8		
TWG	baz=128	S	Sb	16 02 58.3 -0.5	TWT	baz=22 Tachien	1.10	22	eP	Pg	16 03 00.9 -0.4	VWUC	baz=329 VWUC	2.11	326	eP	Pn	16 03 14.5 -1.1	
FULB	baz=84 Fuli	0.52	93	↓P	16 02 51.5 +0.1	TWT	baz=22	S	Sn	16 03 16.8 -0.3	TWB1	baz=21 Santiao Chiao	2.11	33	eP	Pb	16 03 17.6 -0.9		
FULB	baz=84	eS	Sb	16 02 59.3 +0.3	PHUB	baz=288 P'eng-hu	1.10	285	↓P	Sg	16 03 00.1 -1.2	TWY	baz=23 Chenhua	2.19	21	eP	Pb	16 03 18.8 -1.0	
TWGBT	baz=128 Beinan	0.52	142	↓P	16 02 50.8 -0.6	PHUB	baz=288	S	Sg	16 03 15.3 -0.4	PTMZ	baz=323 Houxiangcun	2.33	321	eP	Pn	16 03 17.6 -0.9		
TWGBT	baz=128	S	Sb	16 02 58.7 -0.3	TWQ1	baz=288 Liyuan	1.11	21	eP	Pn	16 03 02.0 +0.2	JYNG	baz=23 Yonagunijimaku	2.36	59	P	Pb	16 03 20.9 -1.9	
TWF1	baz=76 Yuli	0.53	77	↑P	16 02 51.3 -0.3	TWQ1	baz=288	eS	Sn	16 03 18.2 +1.0	JYNG	baz=23	eS	Sb	16 03 51.2 -0.9				
TWF1	baz=76	S	Sb	16 02 58.2 -1.2	WDJ	baz=4.0 Dajia District	1.11	356	eP	Pn	16 03 02.4 +0.5	KNM	baz=300 Kinmen	2.41	300	eP	Pn	16 03 20.2 +0.5	
YULB	baz=72 Yu-li	0.54	73	↑P	16 02 51.3 -0.6	WDJ	baz=357 Penghu	1.13	287	eP	Pg	16 03 18.9 +1.6	YOJ	baz=74 Yonaguni jima	2.42	59	P	Pb	16 03 21.8 -2.0
YULB	baz=72	S	Sg	16 02 57.9 -0.1	PNG	baz=291 Penghu	1.13	287	eP	Pg	16 03 00.8 -1.1	YOJ	baz=74	eS	Sb	16 03 52.2 -1.5			
SGLT	baz=190 Jiouru	0.55	204	P	16 02 52.7 -1.4	PNG	baz=291	eS	Sg	16 03 15.8 -0.9	YOJ	baz=74	eS	Sb	16 03 19.6 -0.2				
SGLT	baz=190	eS	Sn	16 03 02.2 -1.0	TWD	baz=43 Chiawan	1.16	43	eP	Pn	16 03 02.6 +0.2	KNMB	baz=302 Chimen Tao	2.47	300	eP	Pn	16 03 19.5 -1.0	
WJS	baz=347 Zhushan	0.59	360	↑P	16 02 53.0 +0.4	TWD	baz=43	S	Sn	16 03 18.7 +0.3	OZH	comp=N,190nm,0.5s OZH	2.59	312	eP	Pn	16 03 21.8 -0.4		
WJS	baz=347	eS	Sb	16 03 02.1 +1.1	NSY	baz=349 Sanyi	1.18	1	eP	Pn	16 03 03.7 +0.9	OZH	comp=N,190nm,0.5s OZH	2.59	312	eP	Pn	16 03 49.1 -4.7	
SSLB	baz=29 Suanglung	0.59	20	↑P	16 02 51.8 +0.1	NSY	baz=349	S	Sn	16 03 21.1 +2.1	ZPLA	comp=E,96m,0.7s Ao Xicun	2.82	285	eP	Pn	16 03 24.5 -0.9		
SSLB	baz=29	eS	Sb	16 03 00.5 -0.6	ETLH	baz=35 Xiulin Townshi	1.19	35	eP	Pg	16 03 02.6 -0.5	HATJ	baz=287 Hateruma jima	2.94	73	P	Pn	16 03 28.1 +1.2	
CHKT	baz=101 Chengkung	0.60	102	↓P	16 02 53.2 +0.5	ETLH	baz=35	eS	Sn	16 03 20.4 +1.1	HATJ	baz=287	eS	Sn	16 04 03.7 +1.5				
CHKT	baz=101	eS	Sb	16 03 02.3 +1.1	VCHM	baz=272 Qimei	1.20	269	↓P	Pb	16 03 01.7 -1.3	IRIF	baz=287 Iriomote-Funau	2.96	68	P	Pb	16 03 29.5 +2.3	
SNJT	baz=101 Kaohsiung City	0.60	218	eP	16 02 53.7 -1.0	VCHM	baz=272	eS	Sg	16 03 17.3 -1.5	MATB	baz=296 Ma-tsu	3.00	346	eP	Pn	16 04 06.1 -3.1		
EHY	baz=68 Hungye	0.61	63	↑P	16 02 52.6 -0.3	PTSB	baz=348 Yuanli	1.21	359	eP	Pg	16 03 04.0 +0.5	ZZHJ	baz=296 Jiuhuzhen	3.10	294	eP	Pn	16 03 28.3 -0.8
EHY	baz=68	eS	Sb	16 03 00.4 -1.2	PTSB	baz=348	eS	Sn	16 03 20.7 +1.0	JKRS	baz=296 Kuro-shima	3.17	71	P	Pn	16 03 32.4 +2.3			
TTN	baz=138 Taitung	0.61	141	↓P	16 02 53.3 +0.4	HEN	baz=176 Hengchun	1.22	180	eP	Pn	16 03 04.0 +0.7	JKRS	baz=296	S	Sn	16 04 09.9 +2.0		
TTN	baz=138	S	Sb	16 03 02.2 +0.7	HEN	baz=176	eS	Sn	16 03 22.2 +2.4	MHZQ	baz=333 Yeshan	3.25	332	eP	Pn	16 03 31.3 +0.1			
WSF	baz=315 Szu	0.62	311	↓P	16 02 52.8 -0.3	NACB	baz=51 Ninchiang	1.23	40	↑P	Pb	16 03 03.3 -0.2	JIJ	baz=333 Ishigaki jima	3.32	69	P	Pn	16 03 33.8 +1.6
WSF	baz=315	S	Sb	16 03 02.7 +0.8	NACB	baz=51	S	Sn	16 03 20.1 0.0	JIJ	baz=333	eS	Sn	16 04 12.9 +1.1					
MASBT	baz=182 Mashbuluo	0.62	188	↑P	16 02 52.2 -0.9	TWK1	baz=174 Hengchun	1.28	177	eP	Pg	16 03 04.7 -0.1	L.YJJ	baz=346 Ishigakijima	3.42	345	eP	Pn	16 03 33.2 -0.3
VWDT	baz=39 WYDT	0.64	36	↑P	16 02 53.2 -0.3	TWK1	baz=174	eS	Sn	16 03 23.4 +1.9	JISG	baz=346	eS	Pn	16 03 36.5 +1.3				
VWDT	baz=39	eS	Sg	16 03 01.2 +0.2	TWKBT	baz=174 Hengchun</													

4d 17h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like UTMN Universidad Te, CO04 Los Pedereros, AAGR Agrelo, etc.

KRSC 04 16:40:13.3-1.0, 55.44N, 163.33E, h62km, 22km, ML4.1

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KBTR Krutoberegovo, KBG Krutoberegovo, etc.

2014 MAR

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SPN Nalytchevo, NLC NLC, SDRL Sedlovina, etc.

SJA 04 16:46:31.7-0.7, 23.07S, 66.72W, h203km, 26km, ML3.6

ICD 04 16:46:31.3-1.5, 23.09S, 66.50W, h200km, 22km, mb3.1/1, mb1 3.3/6, mb1mx3.1/31, mbtrmp3.8/6, MS2.9/1, Ms1 2.9/1, ms1mx2.4/7, Error ellipse: s-maj=30.7km s-min=17.2km az=120.0

NEIC 04 16:46:31.5-1.6, 23.1S, 0.1:66.6W, 0.1, h209km, 10km, mb4.2/2, Error ellipse: s-maj=18.7km s-min=14.1km az=119.0

ISC 04 16:46:31.7-0.8, 23.06S, 66.64W, 0.06, h222km, n31, r=144/33, Jujuy Province

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AZAP Zapla, AZAP Zapla, SLSA San Lorenzo, etc.

comp=Z, 8.1nm, 2.9s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AGUA GUADACOL, LPAZ La Paz, LPAZ La Paz, etc.

comp=Z, 5.7nm, 1.6s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AROD Rodeo, AROD Rodeo, AROD Cerro Coronel, etc.

comp=Z, 3.8nm, 0.4s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SIV San Ignacio, SIV San Ignacio, RTVC Cerro Valdivia, etc.

comp=Z, 1.9nm, 0.4s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ACAN Cantantala, ACAN Cantantala, ASAL Salagasta, etc.

comp=Z, 2.0nm, 0.3s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PLCA Paso Flores, PLCA Paso Flores, BDFB Brasilia, etc.

comp=Z, 1.6nm, 1.4s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, WRA Warramunga Arr, etc.

comp=Z, 0.8nm, 0.3s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

comp=Z, 0.5nm, 0.3s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CHV1 Chaviata, Kef, CHV1 Chaviata, Kef, LXRRA Lixouri, Keph, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KONA Konidatara, Ke, KONA Konidatara, Ke, FSK Fiskardo, etc.

WEL 04 17:01:41.0, 39.52S, 175.5E, h21km, 1km, M2.1/7, ML2.2/7, ML2.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=153.3, North Island

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PKVZ Pokaka, PKVZ Pokaka, MTWZ Mangateitei, etc.

IDC 04 17:02:39.1-6.5, 6.04S, 155.09E, h164km, 49km, mb2.9/4, mb1 3.2/5, mb1mx3.0/26, mbtmp3.4/5, Error ellipse: s-maj=65.8km s-min=24.8km az=112.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KRVT Keravat, KRVT Keravat, WRA Warramunga Arr, etc.

IDC 04 17:02:46.8:28.0, 29.41S, 179.24W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.9/23, mbtmp4.0/4, Error ellipse: s-maj=527.8km s-min=151.2km az=98.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, etc.

THE 04 17:10:07.8, 38.63N, 20.49E, h11km, 1km, ML3.1/10, Error ellipse: s-maj=1.3km s-min=0.4km az=103.0

ATH 04 17:10:08.1, 38.63N, 20.55E, h8km, 1km, ML2.8/17, Error ellipse: s-maj=2.0km s-min=0.6km az=213.0

ISC 04 17:10:08.1-0.9, 38.63N, 0.02-20.54E, 0.03, h12km, 5km, n50, r=953/74, Greece

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EVGI Lefkada island, EVGI Lefkada island, FSK Fiskardo, etc.

comp=N, 1771.1um, 0.3s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LK22 Lefkada island, LK22 Lefkada island, LK22 Lefkada island, etc.

comp=N, 4449.3um, 0.3s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MGNA Meganis, MGNA Meganis, MGNA Meganis, etc.

comp=N, 1755.1um, 0.2s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KONA Konidatara, Ke, KONA Konidatara, Ke, KONA Konidatara, Ke, etc.

comp=N, 657.0um, 0.3s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like VSK1 Vasilikiades, VSK1 Vasilikiades, VSK1 Vasilikiades, etc.

comp=N, 4.4um, 0.4s

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KEF1 Kardakata, KEF1 Kardakata, KEF1 Kardakata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BDRM, DAT, APE, SMG, THR2, SANT, THR3, GCAM, KARP, AYDN, TURN, ZKR, LAST, TAVA, IDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PHWY, LRM, DLMT, N23A, MCKT, HWUT, RDMU, O20A, TCUT, ISCO, OGNE, SUSD, JLU, CTU, JTMT, SMCO, WALA, NLU, SRU, DUG, TMUT, Q16A, AGIMN, T25A, ULM, ULM, ULM, YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB15, LPAZ, LPAZ, LPAZ, PB10, PB10, YJA, YJA, GOO2, AZAP, AZAP, GOO3, SVI3, GOO4, CPUP, CLPA, CLPA, PLCA, PLCA, PTGA, PTGA, SCH0, TORD, YKA, H112, H111, H113, H113, H111, WRA, MKAR, MKAR, ZALV.

IDC 04 20:25:16.7, 1.9, 8.27S; 148.07E, h72km, 16km, mb3.3/6, mb1 3.5/8, mb1mx3.4/35, mbmtmp3.7/8, MS3.7/1, Ms1 3.7/1, ms1mx2.7/19, Error ellipse: s-maj=36.2km s-min=17.1km az=17.0

ISC 04 20:21:13.1, 0.8, 8.0S; 0.1, 147.9E; 0.2, h35km, n14, c139/114, mb3.5/5, Eastern New Guinea region

MAN 04 20:34:49.8, 6.01N; 126.21E, h138km, mb4.6, ML3.5, MS3.4, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DDMP, DDMP, MATI, MATI, GSPH, GSPH, KCP, KCP, SKMP, SKMP, BUKP, BUKP.

SJA 04 20:46:33.9, 0.7, 19.86S; 69.26W, h104km, 4km, ML3.6, MW3.6

NEIC 04 20:46:33.8, 1.3, 19.90S; 0.0, 4.69, 1W, 0.1, h104km, 7km, Error ellipse: s-maj=17.4km s-min=5.1km az=88.0

GUC 04 20:46:34.9, 0.7, 19.88S; 69.26W, h101km, 2km, ML4.0

IDC 04 20:46:35.8, 1.1, 19.91S; 68.99W, h123km, 10km, mb3.6/4, mb1 3.7/8, mb1mx3.4/29, mbmtmp4.0/8, Error ellipse: s-maj=31.9km s-min=8.9km az=97.0

ISC 04 20:45:37.0, 7.0, 19.88S; 0.0, 69.26W, 0.06, h104km, 5km, n56, c1567/68, mb4.0/4, 7C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GO01, GO01, GO01, GO01, PB08, PB08, PB08, PB08.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB08, PB08, PB11, PB11, PB11, PB11, PB11, PB11.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include M11C, M11C, M11C, M11C, M11C, M11C, M11C, M11C.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01, TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB01, PB01, PB01, PB01, PB01, PB01, PB01, PB01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB01, PB01, PB01, PB01, PB01, PB01, PB01, PB01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB01, PB01, PB01, PB01, PB01, PB01, PB01, PB01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AP01, AP01, AP01, AP01, AP01, AP01, AP01, AP01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB09, PB09, PB09, PB09, PB09, PB09, PB09, PB09.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB07, PB07, PB07, PB07, PB07, PB07, PB07, PB07.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB03, PB03, PB03, PB03, PB03, PB03, PB03, PB03.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB05, PB05, PB05, PB05, PB05, PB05, PB05, PB05.

IDC 04 20:51:4.8, 3.0, 23.51N; 107.95E, h0km, mb3.3/3, mb1 3.3/3, mb1mx3.1/33, mbmtmp3.3/3, Error ellipse: s-maj=139.7km s-min=114.2km az=157.0, Southeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SONR, SONR, MKAR, MKAR, ZALV.

IDC 04 20:51:4.8, 3.0, 23.51N; 107.95E, h0km, mb3.3/3, mb1 3.3/3, mb1mx3.1/33, mbmtmp3.3/3, Error ellipse: s-maj=139.7km s-min=114.2km az=157.0, Southeastern China

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

ISC 04 21:21:32.2, 9.2, 5.6S; 52.53W, h87km, 21km, mb4.5/22, mb1 4.5/24, mb1mx4.3/34, mbmtmp4.0/8, MS3.6/6, Ms1 3.4/6, ms1mx3.3/19, Error ellipse: s-maj=15.1km s-min=11.4km az=49.0

NEIC 04 21:21:34.2, 1.8, 5.6S; 0.0, 1.26, 6W, 0.2, h105km, 5km, mb4.9/23, Error ellipse: s-maj=18.2km s-min=12.3km az=202.0

ISC 04 21:21:33.8, 1.6, 5.6S; 0.0, 0.08, 26.63W, 0.09, h97km, 13km, n118, c1511/119, mb4.8/26, 2C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HOPE, HOPE, VNA1, VNA1, VNA2, VNA2, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4.

Table with columns: ID, Name, RA, Dec, Mag, Type, etc. Includes entries like GO01 Chusmiza, LB7B Lobatse, H10N1 ASCENSION HYDR95.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CAIG El Cayaco, ACAP2 Acapulco, ZIHUATEJO Zihuatajejo, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, etc. Includes entries like BC3 Big Chuckwall, MVCO Mesa Verde, Z51A Franklin, etc.

NEIC 04 21:22:52.1±2.2, 16.64N±0.05:100.63W±0.03, h14km, 5km, Error ellipse: s-maj=7.5km s-min=4.6km az=172.0 MEX 04 21:22:54.0±0.7, 16.61N±1.00:66W, h20km, 11km, MD4.4 IDC 04 21:22:57.5±1.3, 17.47N±1.00:25W, h0km, mb4.2/3, mb1 4.4/11, mb1mx0.0/40, mbtmp4.2/11, ML3.4, MS3.6/13, Ms1 3.6/13, ms1mx3.4/11, Error ellipse: s-maj=32.8km s-min=17.1km az=37.0 ISC 04 21:22:53.1±1.5, 16.68N±0.05:100.59W±0.04, h16km, 8km,

Table with columns: ID, Datong Townshi, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like NWLT, TIPB, NNSB, NNSH, NNS, NSK, NACB, ETHL, ETHL, YM10, YM11, YM04, WHF, TDCB, LIOB, CHGB, ESL, WHP, OWD, VVDT, VVDT, SSSL.

JMA 04 22:42:17.1±0.1, 24.62N, 123.49E, h5km, M1.5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like IRIF, YOJ, JIKRS, HATJ, JIJ, JISG.

ANF 04 22:42:54.8±0.1, 35.96N, 117.31W, h12km, 1km, ML3.4/29, Error ellipse: s-maj=1.0km s-min=0.9km az=119.0
SCEDC 04 22:42:55.6±1.2, 35.96N, 117.30W, h7km
PAS 04 22:42:55.6±1.2, 35.96N, 0.03:117.30W:0.03, h7km, 6km, ML3.3/198, Error ellipse: s-maj=5.0km s-min=2.5km az=144.0

NEIC 04 22:42:55.1±1.0, 35.97N, 0.01:117.30W:0.03, h8km, 5km, Error ellipse: s-maj=3.5km s-min=1.6km az=91.0
ISC 04 22:42:55.6±0.9, 35.96N, 0.01:117.30W:0.01, h10km, 7km, n99, r1810/143, Central California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like MPMC, CLC, QSM, WCSM, DAC, TOW, JRC2, VPEM, CCCA, SRTC, MFS, LRM, LRM, LRM, FURC, WCHM, JFS, CGO, GSC, GSC, GSC, CWC, CWC, CWC, CWC, FMT, WORM, DTP, SHOC, SHOC, TMO, WHFM.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like AMDNV, ISA, GRAC, GVN, WASM, ALV, RRR, HYS, EDW2, EDW2, EDW2, WOFM, TUQ, TUQ, TPNV, TPNV, TPNV, TIN, HEC, HEC, YES, BBRC, BBRC, SSK, OSI, GMRC, GMRC, GMRC, SHPR, MWC, MWC, DECC, PASC, OMMB, EW2, BELC, BELC, SMMC, SMMC, PKM, MURC, PAGB, MMIM, PFO, PFO, PFO, XPFO, DNR, NEE2, IRM, IRM, R11A, R11A, R11A, BC3, RYN, PMPB, GATR, WAKR, WAKR, MONP2, MONP2, Y12C, CMB, BAR, BAR, YERR, YERR, SAUT, SAUT, CLUT, CLUT, PSUT, PSUT, U15A, U15A, U15A, U15A, X16A, X16A, X16A, X16A, X18A, ANF, SCEDC, PAS, NEIC, ISC, MPMC, MPMC, MPMC, PFO, PFO, PFO.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like CLC, CLC, QSM, DAC, WCSM, JRC2, JRC2, TOW, VPEM, CCCA, SRTC, MFS, FURC, FURC, FURC, LRM, LRM, LRM, WCHM, CGO, CGO, FMT, GSC, GSC, GSC, GSC, CWC, CWC, SHOC, SHOC, SHOC, TMO, WORM, WHFM, AMDNV, GRAC, GRAC, GVN, ISA, ISA, ISA, ALV, WASH, RRR, RRR, HYS, TUQ, TUQ, TUQ, EDW2, EDW2, EDW2, WOFM, TPNV, TPNV, TIN, TIN, SBB, HEC, HEC, YES, YES, ARVC, ARVC, BBRC, BBRC, VOG, BFSC, BFSC, BFSC, GMRC, GMRC, GMRC, SHPR, SSK, SSK, OSI, OSI, MWC, DECC, DECC, PASC, BCW, MLAC, BLCC, DJJ, OMMB, BELC, BELC, SMMC, SMMC, PKM, PKM, MURC, MURC, BLG, PAGB, PFO, PFO, PFO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGUA GUANDACOL, CYA Choya, PLCA Paso Flores, etc.

UCR 05 00:02:40.0±1.5, 12.60N-87.75W, h78km, 18km, ML3.9
SNET 05 00:02:40.1±0.6, 12.46N-87.93W, h23km, 6km, ML3.8
INET 05 00:02:40.5, 12.44N-87.78W, h54km, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSGN Cosiguina Volc, CNCH Conchagua, CRIN San Cristobal, etc.

NIED 05 00:08:00.39±20N, 142.40E, h38km, Mb3.7,
mb1 3.6/3, mb1mx3.3/30, mbtmp3.3/3, Error ellipse:
s-maj=48.2km s-min=32.5km az=107.0

JMA 05 00:08:42.3±0.1, 39.21N-142.38E, h30km, 1km, M3.8
JMA Felt J1

ISC 05 00:08:42.4±1.9, 39.17N-142.35E±0.09, h25km±12km,
n19, ±0.83/23, mb3.5/3, Near east coast of eastern
Honshu

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

ISC 05 01:39:54.4±1.2, 16.32N-145.87E, h0km, mb3.7/5,
mb1 4.0/5, mb1mx3.5/56, mbtmp3.7/5, MS4.0/1, Ms1 4.0/1,
ms1mx2.7/4, Error ellipse: s-maj=49.8km
s-min=32.2km az=112.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ Hachijo jima 2, H1S3 WAKE ISLAND Hy, etc.

YKA Yellowknife Arr 79.48 28 P P 01 52 02.1 -0.4
0.5nm, 0.7s, baz=290, slow=5.3, SNR=5.2
NVAR Mina Array Bea 84.10 52 P P 01 52 28.9 +1.1
0.5nm, 0.5s, baz=271, slow=5.7, SNR=6.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVLJ Novolja, NVLJ Riv, RIV Rijeka, etc.

ROM 05 01:50:41.6±0.1, 43.064N-0°00:13.062E±0°00:6,
h12km, MD1.1/1, Error ellipse: s-maj=0.4km
s-min=0.4km az=93.0, Central Italy

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

ROM 05 01:50:42.7±0.1, 43.434N-0°00:12.505E±0°00:3,
h7km, MD1.0/4, Error ellipse: s-maj=0.2km s-min=0.1km
az=71.0, Central Italy

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

ISC 05 02:01:32.3±5.8, 5.88S-130.02E, h0km, mb3.9/1,
mb1 3.9/3, mb1mx3.6/25, mbtmp3.8/3, ML3.8/2, Error
ellipse: s-maj=157.8km s-min=29.7km az=70.0, Banda
Sea

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

ISC 05 02:11:27.5±1.6, 16.75S-178.18W, h0km, mb3.9/6,
mb1 4.2/6, mb1mx3.8/44, mbtmp3.9/6, Error ellipse:
s-maj=110.3km s-min=21.9km az=150.0

NEIC 05 02:11:40.5±0.8, 16.8S-178.38W±0.5, h104km±14km,
mb4.1/2, Error ellipse: s-maj=132.7km s-min=7.9km
az=151.0, Fiji Islands region

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

ISC 05 02:13:52.0±4.4, 12.77N-146.73E, h52km±38km, mb3.2/7,
mb1 3.5/7, mb1mx3.3/50, mbtmp3.5/7, Error ellipse:
s-maj=30.6km s-min=20.7km az=86.0

ISC 05 02:13:50.0±1.0, 12.8N-02.146E±0.1, h35km, n9,
±0.85/10, mb3.6/7, South of Mariana Islands

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

BUI 05 02:24:21.8±0.0, 31.51N-119.15W, h13km, mb5.6/4,
mb5.3/9, Ms4.9/4, Ms7 4.6/2

ISC 05 02:24:22.0±0.8, 31.10N-119.59W, h0km, mb4.3/14,
mb1 4.4/22, mb1mx4.2/49, mbtmp4.2/22, ML3.8/7, MS3.8/30,
Ms1 3.8/30, Ms1mx3.7/57, Error ellipse: s-maj=16.8km
s-min=12.9km az=65.0

NEIC 05 02:24:23.4±1.4, 31.32N-0°07:11.91W±0.07, h7km±5km,
mb4.6/117, Error ellipse: s-maj=13.7km s-min=3.1km
az=219.0

MEX 05 02:24:25.3±0.6, 31.83N-118.78W, h25km±140km, MD5.2,
ECX 05 02:24:25.8±0.7, 31.19N-119.16W, h10km±93km, ML4.4

GCMT 05 02:24:27.4±0.3, 21.21N-0°02:11.62W±0.03, h28km, 1km,
MW4.9/90, Moment Tensor Solution, s15,c18; s9,c12;7;
Duration: 0 Moment tensor: Scale 1016Nm; Mr=1.24±.17;
Mw=1.53±.13; Mw=0.28±.11; Mw=0.49±.20; Mw=2.83±.10;
Mw=0.92±.17; Best double couple: M1:3.14900x1016

NP1:φ:99.00000°, δ:67.00000°, λ:-8.00000°. NP2:
φ:192.00000°, δ:83.00000°, λ:-157.00000°. Principal axes:
T 3.7700, P1g11.0000°, Azm323.0000°, N-1.2390,
Plg6.0000°, Azm208.0000°, P-2.5290, Plg21.0000°,
Azm57.0000°. nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ANF 05 02:24:27.0±0.6, 31.54N-119.27W, h2km, ML4.4/38 Error
ellipse: s-maj=5.8km s-min=4.3km az=52.0

ISC 05 02:24:23.4±2.8, 31.25N-0°05:11.948W±0.05, h9km±17km,
n337, ±1.67/31.5, mb4.6/50, MS3.9/26, 2C-18D, Off west
coast of Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SC12 San Clemente I, SC12 San Clemente I, etc.

SDRC San Diego Road 2.62 55j eP Pn 02 25 05.1 -0.7

CBX Cerro Bola 2.62 65j eS Pn 02 25 05.1 -1.0

CBX Cerro Bola 2.62 65j eS Pn 02 25 05.1 -1.0

FMP Fort Macarthur 2.65 22 P Pn 02 25 06.2 -0.1

SC2Z Santa Cruz Isl 2.74 357 P Pn 02 25 38.8 -2.0

EL Monte Cty P 2.77 53j eP Pn 02 25 07.3 -0.7

BAR Barrett 2.78 58j eP Pn 02 25 07.8 -0.3

BLG Laguna Peak, P 2.87 7 P Pn 02 25 09.2 -0.1

MURC Murrieta 3.04 39 P Pn 02 25 11.4 -0.3

MONP Monument Peak 3.07 57j eP Pn 02 25 12.2 -0.1

MONP2 Monument Peak 3.07 57 P Pn 02 25 12.1 -0.1

ESJZ Sierra Juarez 3.11 75j eP Pn 02 25 10.9 -1.9

PASC Pasadena Art C 3.11 20 P Pn 02 25 11.5 -1.1

DECC Green Verdugo 3.15 18 P Pn 02 25 13.6 +0.5

VTX Valle De La Tr 3.17 87j eP Pn 02 25 12.0 -1.5

SQX San Quintin 3.17 101j eP Pn 02 25 11.2 -2.2

SBC Santa Barbara 3.19 357 P Pn 02 25 13.7 0.0

IKP In-Ko-Pah, Jac 3.19 63j eP Pn 02 25 13.9 +0.1

IKP In-Ko-Pah, Jac 3.19 63 P Pn 02 25 13.9 +0.1

MWC Mount Wilson 3.20 22 P Pn 02 25 12.4 -1.6

ERMX Rumorosa 3.21 65j eP Pn 02 25 14.9 +0.1

BFSO Mount Baldy Ra 3.25 27 P Pn 02 25 16.5 +0.4

OSI Osito Audit: C 3.41 11 S Pn 02 25 54.7 -2.8

SMCC		S	Sn	02 26 12.3 -1.4		
BC3	big=172 Big Chuckawall baz=236,SNR=102	4.16	54	P	Pn	02 25 27.6 +0.4
BC3	baz=236		S	Sn	02 26 14.0 -2.1	
RRX	Edison Barstow baz=210,SNR=17	4.17	29	P	Pn	02 25 28.8 +1.5
RRX	baz=210		S	Sn	02 26 15.9 -0.3	
GLA	Glamis	4.34	64	P	Pn	02 25 29.4 -0.2
GLA	Glamis	4.34	64	P	Pn	02 25 29.9 +0.3
GLA	baz=248,SNR=76		S	Sn	02 26 18.9 -1.3	
HEC	Hector,Ludlow baz=217,SNR=61	4.44	36	P	Pn	02 25 32.3 +1.3
LPMC	Laurel Mtn Rad baz=199,SNR=36	4.48	19	P	Pn	02 25 32.8 +1.3
LPMC	baz=199		S	Sn	02 26 21.0 -2.8	
ISA	Isabella, Lake	4.48	11	Pn	Pn	02 25 32.4 +0.8
ISA	Isabella, Lake	4.48	11	Pn	Pn	02 25 32.8 +1.3
ISA	baz=190,SNR=36		S	Sn	02 26 21.6 -2.2	
PAGS	Antelope Grade Vestal, Richgr	4.51 352	4	S	Sn	02 25 31.7 -0.3
VES	baz=183	4.59	4	S	Sn	02 26 23.8 -2.6
GSC	Goldstone, Bar	4.62	28	Pn	Pn	02 25 33.1 -0.4
GSC	Goldstone, Bar	4.62	28	Pn	Pn	02 25 35.2 +1.7
GSC	baz=209,SNR=266		S	Sn	02 26 26.7 -0.6	
IRM	Iron Mountain baz=233,SNR=85	4.67	50	P	Pn	02 25 35.0 +1.0
IRM	baz=233		S	Sn	02 26 27.4 -1.0	
GMRC	Granite Mounta baz=223,SNR=142	4.77	41	Pn	Pn	02 25 36.6 +1.0
Y12C	Blythe	4.87	58	Pn	Pn	02 25 35.2 -1.7
Y12C	Blythe	4.87	58	Pn	Pn	02 25 37.7 +0.8
PMPB	Monarch Peak	5.07	348	Pn	Pn	02 25 38.8 -0.8
MPMC	Manual Prospec baz=199,SNR=35	5.07	19	P	Pn	02 25 41.1 +1.2
MPMC	baz=199		S	Sn	02 26 37.4 -1.3	
113A	Mohawk Valley, Turquoise Moun	5.08 71	3	Pn	Pn	02 25 39.8 0.0
TUQ	baz=216,SNR=60	5.13	35	P	Pn	02 25 41.8 +1.3
TUQ	baz=216		S	Sn	02 26 40.3 +0.5	
DAC	Darwin (Calif)	5.25	17	Pn	Pn	02 25 40.9 -1.4
SHOC	Shoshone, Taco baz=210,SNR=28	5.35	29	P	Pn	02 25 45.3 +1.8
SHOC	baz=210		S	Sn	02 26 45.7 +0.4	
NEE2	Needles Airpor	5.38	48	Pn	Pn	02 25 45.5 +1.6
PDMCI	Parker Dam,Lak baz=238,SNR=49	5.43	55	P	Pn	02 25 45.8 +1.3
214A	Organ Pipe Nat	5.73	81	P	Pn	02 25 47.9 -0.9
214A	Organ Pipe Nat	5.73	81	P	Pn	02 25 47.6 -1.1
214A	baz=266,SNR=34		S	Sn	02 26 54.5 -0.2	
SAO	San Andres Ge	5.74	344	Pn	Pn	02 25 47.8 -0.9
GRAC	Grapevine Rang baz=187,SNR=8.3	5.99	16	P	Pn	02 25 54.8 +2.5
W13A	Hualapai Mount	6.06	49	Pn	Pn	02 25 51.8 -1.6
Y14A	Wickenburg	6.09	62	Pn	Pn	02 25 53.0 -0.6
TPNV	Topopah Spring	6.28	24	Pn	Pn	02 25 55.2 -1.2
TPNV	Topopah Spring baz=206,SNR=270	6.28	24	P	Pn	02 25 59.1 +2.6
TPNV	baz=206		S	Sn	02 27 07.5 -0.9	
SHPR	Sheep Range	6.35	33	Pn	Pn	02 25 55.9 -1.5
OMMT	Old Mtn Mt Mi	6.36	9	Pn	Pn	02 26 02.2 +2.5
CMB	Columbia Colle	6.81	354	Pn	Pn	02 26 03.2 -0.3
NVAR	Mina Array Bea comp=N,0.4nm,0.3s,baz=189,slow=15,SNR=15	7.23	7	Pn	Pn	02 26 12.9 +3.5
NVAR	LR					02 29 12.9
WAKR	Walker	7.24	0	Pn	Pn	02 26 07.2 -2.4
RYN	Ryan	7.40	6	Pn	Pn	02 26 11.1 -0.7
X16A	Lo Mia Camp, P	7.47	63	Pn	Pn	02 26 11.7 -1.0
TUC	Tucson	7.48	30	Pn	Pn	02 26 12.6 -0.2
YERR	Yerington	7.72	1	Pn	Pn	02 26 14.6 -1.5
LCMT	Little Creek M	7.73	40	Pn	Pn	02 26 15.4 -0.9
R11A	Troy Canyon, C	7.77	23	Pn	Pn	02 26 15.9 -0.9
R11A	Troy Canyon, C	7.77	23	P	Pn	02 26 19.3 +2.5
AFDM	Forest Hills D	7.78	351	Pn	Pn	02 26 15.9 -0.9
RUBR	Rubicon Trail	7.80	356	Pn	Pn	02 26 16.3 -1.0
PNTR	Pine Nut	7.82	359	Pn	Pn	02 26 16.9 -0.6
WUAZ	Wupatki	8.00	56	Pn	Pn	02 26 23.5 +3.4
SZCU	Shurtz Canyon	8.24	38	Pn	Pn	02 26 22.0 -1.3
PAHR	Pat Rih Range	8.44	1	Pn	Pn	02 26 25.3 -0.7
319A	Douglas	8.73	87	Pn	Pn	02 26 29.6 -0.4
W18A	Petrified Fore	9.03	62	P	Pn	02 26 37.0 +2.8
003E	Paynes Creek baz=167	9.22	349	P	Pn	02 26 37.8 +1.2
MSU	Marysvalle	9.40	38	Pn	Pn	02 26 38.4 -0.9
KMRM	Mail Ridge	9.59	340	Pn	Pn	02 26 41.0 -0.6
121A	Cookes Peak, D	10.03	80	Pn	Pn	02 26 46.3 -1.5
121A	Cookes Peak, D	10.03	80	P	Pn	02 26 49.4 +1.6
ELK	Elko	10.07	19	Pn	Pn	02 26 51.9 +3.4
ELK	comp=N,0.8nm,0.3s,baz=199,slow=9.4,SNR=20					02 30 31.2
KHMM	Horse Mountain	10.20	341	Pn	Pn	02 26 50.1 +0.1
DUG	Dugway, Tootee	10.44	29	Pn	Pn	02 26 58.9 +5.5
M02C	Callahan	10.48	346	P	Pn	02 26 59.5 +5.7
M04C	Macdoel	10.68	350	P	Pn	02 27 03.4 +6.8
YBH	Yreka Blue Hor	10.78	347	Pn	Pn	02 27 03.0 +5.0
LPIG	La Paz	10.80	129	Pn	Pn	02 27 00.7 +2.4
LPIG	comp=N,6.4nm,0.3s,baz=242,slow=1.5,SNR=14					02 30 25.3
MVCO	Mesa Verde	10.86	54	Pn	Pn	02 27 04.5 +5.3
L04D	Klamath Falls	11.18	349	P	Pn	02 27 09.5 +6.0
L02E	Cave Junction	11.37	344	P	Pn	02 27 10.9 +4.9
K04D	Chiloquin, OR	11.49	352	P	Pn	02 27 14.2 +6.4
ANMO	Albuquerque	11.53	68	Pn	Pn	02 27 10.5 +2.2
ANMO	comp=N,0.1nm,0.3s,baz=293,slow=1.1,SNR=12					02 31 45.1
ANMO	LR					02 31 45.1
ANMO	Albuquerque	11.53	68	Pn	Pn	02 27 06.9 -1.4
ANMO	Albuquerque	11.53	68	P	Pn	02 27 11.2 +2.8
K02D	Willamette Mer baz=162,SNR=15	11.90	345	P	Pn	02 27 18.2 +4.9
MINTX	Cornudas Mount	12.05	84	Pn	Pn	02 27 15.0 -0.3
J05D	Fort Rock, OR	12.09	354	P	Pn	02 27 22.3 +6.4
J04D	Umpqua Nationa baz=169,SNR=13	12.15	351	P	Pn	02 27 23.4 +6.6
S22A	4UR Ranch, Cre baz=242,SNR=20	12.28	55	P	Pn	02 27 23.3 +4.6
J11E	Myrtle Point	12.40	345	P	Pn	02 27 25.4 +5.3
O20A	White River Ci baz=229,SNR=4	12.72	43	Pn	Pn	02 27 29.8 +5.1
I04A	Tendick Farm, baz=168	12.73	350	P	Pn	02 27 29.9 +5.3
I03D	Drain, OR	12.79	347	P	Pn	02 27 30.9 +5.5
I05D	Terrebonne, OR baz=172,SNR=14	13.15	354	P	P	02 27 36.8 -3.7
I02D	Swissmore	13.19	346	P	P	02 27 37.7 -4.3
T25A	Trinidad	13.78	61	Pn	Pn	02 27 40.3 +1.2
T25A	Trinidad	13.78	61	P	Pn	02 27 44.1 -3.7

TX32	Lajitas Array	13.80	94	Pn	Pn	02 27 41.4 +2.1
TXAR	Lajitas Array	13.80	94	Pn	Pn	02 27 42.1 +2.8
TXAR	comp=N,0.2nm,0.3s,baz=271,slow=13,SNR=87					02 33 04.9
PD31	Pinedale Array	13.95	32	Pn	Pn	02 27 41.3 -0.2
PDAR	Pinedale Array	13.95	32	Pn	Pn	02 27 46.4 -3.3
PDAR	comp=N,0.2nm,0.3s,baz=232,slow=14,SNR=40					02 32 32.6
Q24A	Divide	14.02	53	P	P	02 27 47.4 -3.2
G05D	Wamie, OR	14.04	355	P	P	02 27 47.7 -2.7
I3C0	Idaho Springs	14.14	49	P	P	02 27 49.3 -2.6
G03D	McMinnville, O	14.25	349	P	P	02 27 50.3 -2.4
MSTX	Muleshoe	14.34	75	Pn	Pn	02 27 45.7 -1.1
MSTX	Muleshoe	14.34	75	P	Pn	02 27 51.6 -2.3
N23A	Red Feather La	14.56	45	P	P	02 27 56.3 -0.2
HAWA	Hanford	15.12	360	P	P	02 28 01.9 -0.5
HAWA	comp=Z,46nm,1.5s					02 28 03.6
E08A	Dider Farm, El	15.22	1	Iamb	Iamb	02 28 08.2
E09A	Wood Farm, Sta	15.28	4	Iamb	Iamb	02 28 05.1
E07A	Sunnyside	15.29	359	Iamb	Iamb	02 28 09.4
K22A	Casper	15.36	72	Iamb	Iamb	02 28 09.9
K22A	Casper	15.37	39	Iamb	Iamb	02 28 04.9
E04D	Cinebar	15.47	352	P	P	02 28 06.1 -0.1
LON	Longmire	15.58	354	P	P	02 28 05.7 -1.8
D08A	Wollman Farm	15.79	1	Iamb	Iamb	02 28 05.6 -0.3
D08A	comp=Z,38nm,1.2s					02 28 18.1
KSC0	Kaye Shedlock'	15.80	56	Pn	Pn	02 28 04.1 -2.1
KSC0	comp=Z,51nm,1.2s					02 28 15.7
D05A	Enumelaw	16.03	354	Iamb	Iamb	02 28 21.8
ABTX	Abielene, Hawle	16.90	80	Pn	Pn	02 28 19.5 -0.7
ABTX	comp=Z,56nm,1.2s					02 28 27.2
OGNE	Ogden	17.07	51	Pn	Pn	02 28 22.2 -0.2
NEW	Newport	17.09	5	P	P	02 28 25.4 +1.2
NEW	comp=Z,0.1nm,0.3s,baz=197,slow=14,SNR=5.4					02 35 13.3
NEW	LR					02 35 13.3
NEW	comp=Z,153nm,19.5s,baz=193,slow=38					02 28 25.7 +1.5
ZAIG	Zacatecas	17.26	115	P	P	02 28 26.6 0.0
PGC	Sidney	17.64	351	Iamb	Iamb	02 28 34.9
RSSD	Black Hills	17.70	39	P	Pn	02 28 29.8 -0.4
RSSD	Black Hills	17.70	39	P	Pn	02 28 33.5 +2.3
WMOK	Wichita Mounta baz=235,SNR=13	17.71	73	P	P	02 28 33.3 +2.2
U32A	Winter Ranch, comp=Z,57nm,1.5s	17.76	68	Iamb	Iamb	02 28 37.2
CBKS	Cedar Bluff	17.82	60	Iamb	Iamb	02 28 30.4 -1.3
WALM	Waterton Lakes	18.28	12	P	P	02 28 37.0 -0.3
EGMT	Eagleton	18.32	21	P	P	02 28 41.1 +3.2
LAO	LASA Array	18.50	30	P	P	02 28 35.8 -4.1
LAO	comp=Z,32nm,1.1s					02 28 44.4
WHTX	Lake Whitney,	18.77	82	P	P	02 28 39.3 -3.6
WHTX	Lake Whitney, baz=274,SNR=0.0	18.77	82	P	Pn	02 28 45.3 +2.0
LLL	Lillooet	19.42	355	P	P	02 28 49.0 -0.9
T35A	Sooner Cattle	19.83	67	P	P	02 28 53.3 -1.1
T35A	comp=Z,67nm,1.4s					02 28 60.0
B3GN	Belgrade	19.91	53	P	P	02 28 54.4 -0.8
237A	Washetta, Mont	20.17	82	P	P	02 28 56.9 -1.3
237A	comp=Z,32nm,1.2s					02 29 05.7
KSU1	Kansas State U	20.24	61	P	Pn	02 29 02.9 +2.2
TUL1	Leonard	20.26	70	P	P	02 29 01.7 +0.7
HKT	Hockley	20.39	88	P	P	02 28 59.6 -0.9
HKT	comp=Z,46nm,1.4s					02 29 05.5
DGMT	Dagmar	20.75	30	P	P	02 29 00.8 -3.6
DGMT	Dagmar	20.75	30	P	Pn	02 29 07.6 +0.8
Z38A	Mt. Pleasant	20.80	78	Iamb	Iamb	02 29 11.4
NATX	Nacogdoches	21.16	82	P	P	02 29 06.9 -2.0
NATX	comp=Z,34nm,1.1s					02 29 16.0
U38A	Greavette	21.45	69	P	P	02 29 12.9 +0.8
U38A	comp=Z,35nm,1.4s					02 29 17.7
HHAR	Hobbs	21.79	70	Iamb	Iamb	02 29 19.5
W39A	Magazine	21.83	73	Iamb	Iamb	02 29 17.8 +1.4
ECS0	EROS Data Cent	21.93	49	Iamb	Iamb	02 29 21.4
ECS0	EROS Data Cent baz=243,SNR=24	21.93	49	P	P	02 29 19.5 +2.4
MIAR	Mount Ida	21.98	74	P	P	02 29 19.9 +2.2
S39A	Bolivar	22.46	66	Iamb	Iamb	02 29 26.6
MDND	Maddock	22.47	37	P	P	02 29 21.1 -1.8
Z41A	Richland Creek	22.63	78	P	P	02 29 27.7 +3.2
U40A	Yellville	22.67	70	Iamb	Iamb	02 29 28.6
U40A	Yellville	22.67	70	P	P	02 29 27.9 +2.8
U40A	comp=Z,17nm,1.1s					02 29 32.2
U40A	Yellville	22.67	70	Iamb	Iamb	02 29 32.2
U40A	Yellville	22.67	70	Iamb	Iamb	02 29 32.2
U4						

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PETK, PTGA, BORG, H1N3, H1N2, H1N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PDKS, PDKS, CEY, CEY, SKHL, IDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARCES, SPITS, TXAR, MOS, NEIC, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kiproio, Florina, Nestorio, Metsovon, etc.

BUC 05 03:57:14.6:0.5, 44:39N-22:45E, h9km, 3km, m10.8/2, 10C-BD, Error ellipse: s-maj=4.5km s-min=2.4km az=140.0, Romania

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

IDC 05 04:02:23.1:1.6, 21:63S-177:12W, h0km, mb3.8/4, mb1 4.2/5, mb1mx3.9/25, mbtmp4.0/5, ML3.9/1, Error

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

NEIC 05 04:25:43.0:1.5, 3:96S:0:06:76:4W:0.1, h100km, 6km, mb4.5/20, Error ellipse: s-maj=14.8km s-min=8.3km az=90.0

IDC 05 04:25:44.9:0.6, 3:87S:76:58W, h111km, 4km, mb3.9/13, mb1 3.7/19, mb1mx3.8/41, mbtmp4.2/19, MS3.7/2, Ms1 3.7/2, ms1mx2.7/37, Error ellipse: s-maj=16.2km s-min=10.6km az=50.0

ISC 05 04:25:44.0:4.3:39S:0:04:76:47W:0:06, h113km, n83, #1570:99, mb4.4/22, Northern Peru

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

MACC Macarena, Meta 6.63 23 eP Pn 04 27 19.1 -0.3

RUSC El Rosal 9.02 14 P Pn 04 27 49.9 -2.2

SDV Santo Domingo 14.04 24 P Pn 04 28 57.3 -1.6

LPZAZ 04 32 03.9 +2.0

PTGA Pitinga 16.80 79 P Pn 04 29 33.2 -6.9

GO01 Chumizma 17.13 156 P Pn 04 29 35.7 -1.7

MDP Montagnes des 25.46 69 P Pn 04 31 03.8 +1.7

CPUP Villa Florida 28.81 142 P Pn 04 31 33.2 +1.2

TXAR Lajitas Array 16.42 324 P Pn 04 33 27.8 +0.7

TXAR 04 35 19.3 +0.7

TXAR 04 35 47.4

PDAR Pinedale Array 55.33 331 P Pn 04 35 06.5 -0.3

ULM 04 35 13.5 -1.5

ULM 04 35 14.5

NRAR 04 35 20.7 +0.3

SCHO Schefferville 59.15 6 P Pn 04 35 33.6 +0.5

LIC Lamto 72.05 82 eP Pn 04 36 58.1 +1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DBIC, YKA, KIC, etc.

DBIC 04 37 00.6 +1.0

YKA 04 37 25.9 -0.7

KIC 04 37 00.1 +1.4

VNA3 Neumayer Olymp 79.91 142 P Pn 04 37 36.5 +1.5

TORD 04 37 39.6 +0.8

TORD 04 38 00.6 +0.3

SNA 04 37 48.3 +1.3

ILAR 04 38 01.4 -0.5

ILAR 04 38 16.1 0.0

ALF Afiamalu 94.19 256 LR LR 05 12 22.6

ZAL Zalesovo Beam 127.85 14 PKP PKP 04 44 37.5 +0.1

MKAR Makanchi Array 133.55 20 PKP PKP 04 44 48.4 +0.5

KSH Kashi 136.71 31 PP PKP 04 44 54.0 -0.1

WRA 04 44 57.4

LZH Lanzhou 148.05 360 eP Pn 04 45 13.5 -0.8

CMAR 04 46 32.5 -0.2

VIE 05 04:30:49.8:1.2, 51:67N:16:25E, h0km, mb2.8/6, ml3.1/6, ms3.4/1, Error ellipse: s-maj=14.6km s-min=5.3km az=23.0

IPEC 05 04:30:51.3:0.2, 51:56N:16:15E, h1km, ML2.4/3, Error ellipse: s-maj=1.9km s-min=0.9km az=42.0

IDC 05 04:30:52.4:0.7, 51:52N:15:50E, h0km, mb3.2/1, mb1 3.4/9, mb1mx2.2/33, Error ellipse: s-maj=13.8km s-min=6.7km az=105.0

BGR 05 04:30:52.0:0.4, 51:52N:16:11E, h1km, ML3.2/15, Error ellipse: s-maj=4.4km s-min=2.2km az=21.0

DNK 05 04:30:53.6:3.2, 51:61N:15:50E, h15km, 134km, ML2.1, Hypocentre not reviewed by the ISC

LDG 05 04:30:54.6:0.2, 51:30N:15:86E, h1km, ML3.0/4, Error ellipse: s-maj=4.9km s-min=3.2km az=17.0, Suspected Mining Induced

UPP 05 04:30:56.0:2.9, 51:83N:15:46E, h0km, ML2.1, Suspected Mining Induced

ISC 05 04:30:50.2:0.6, 51:61N:0:03:16:14E:0:02, h0km, n85, #136/152, 4C-17, Poland

Code Station Name Az Phase ID Time Res ISC. Includes stations like KSP, KSP, etc.

BRG Berggiesshobel 1.57 243 Pn Pn 04 31 18.9 -0.4

BRG 04 31 20.8 +0.5

BRG 04 31 40.5 +0.1

BRG 04 31 28.8 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRUC Moravsky, TANN Tannenbergs, OJC Ojcow, etc.

IDC 05 04:33:08.1+1.0, 6.90S:75.70W, h0km, mb3.8/4, mb1 4.0/8, mb1mx3.7/32, mbimp3.8/8, ML3.5/4, MS3.0/6, MS1 3.0/6, ms1mx2.8/36, Error ellipse: s-maj=19.5km s-min=14.6km az=13.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATAH Athalpa, ATAH 15nm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ Santo Domingo, SDV comp=Z.73nm, etc.

WEL 05 04:50:40.5+0.7, 35.5S:13.179E, 1.7, h270km, 11km, M4.0/22, mb4.4/4, MLV4.1/22, Mw(mb)3.5/4, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, HAZ The Kaha, etc.

IDC 05 04:56:53.6+2.7, 6.09S:129.76E, h135km, 38km, mb2.9/1, mb1 3.3/5, mb1mx3.1/31, mbtmt3.7/5, MS3.3/1, Ms1 3.3/1, ms1mx2.6/13, Error ellipse: s-maj=70.5km s-min=16.4km az=91.0, Banda Sea

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

OSPL 05 05:07:26.0+0.3, 19.60N:73.73W, h83km, 16km, ML2.2, SSNC 05 05:07:26.3+1.2, 19.58N:73.71W, h21km, 15km, MD3.1

ISC 05 05:07:24.7+1.3, 19.77N:0.1x73.71W+0.06, h35km, n8, c183/16, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MASC Masc, GTBY Guantanamo Bay, etc.

IDC 05 05:36:02.0-8.69, 52.47N-33.68E, h0km, Error ellipse: s-maj=349.3km s-min=102.2km az=29.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, etc.

NEIC 05 05:41:04.9+1.2, 32.74N:0.03+1.15, 43W:0.03, h21km, 5km, Error ellipse: s-maj=4.3km s-min=3.7km az=197.0

SCEDC 05 05:41:05.8, 32.79N:115.44W, h11km, PAS 05 05:41:05.8, 32.79N:0.01+1.15, 44W:0.02, h11km, 2km, ML2.6/88, Error ellipse: s-maj=2.3km s-min=1.5km az=68.0

ISC 05 05:41:04.9+0.9, 32.77N:0.03+1.15, 44W:0.02, h23km, 5km, n50, c060/70, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DREC Desert Rsrch C, SNR Schaffner Ranc, etc.

NIED 05 05:54:00.4370N:147.30E, h44km, Mw3.6, Best double couple: M2.570000+1014 NP1.3x73.00000+889.00000, 1.138.00000, NP2.16x164.00000+848.00000, 1.2.00000

SKHL 05 05:54:30.8+0.5, 43.83N:147.38E, h35km, 3km, mb4.0/4, JMA 05 05:54:30.3+0.3, 43.77N:147.27E, h24km, 5km, M3.9

ISC 05 05:54:29.5+2.0, 43.77N:0.09+1.47, 45E:10.10, h35km, n17, c086/31, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHO Shikotan, SHO 50nm, etc.

ANF 05 05:41:04.7+0.3, 32.78N:115.45W, h25km, 2km, ML2.4/11, Error ellipse: s-maj=3.1km s-min=1.7km az=171.0

Table with columns: ZON, IAML, Time, Res, ISC. Includes stations like Cerro Valdivia, San Lorenzo, Copiap, Copia, Leoncito, etc.

GCG 05:08:00:14.2.0.3, 14.62N:90.47W, h183km, 8km, MD3.8
MEX 05:08:00:17.0.0.5, 14.28N:90.51W, h164km, 26km, MD3.8
ISC 05:08:00:20.3-1.6, 14.5N:0.11:90.7W:0.1, h150km, n7,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ixpaco, Entre ros, C, Santiago, etc.

IDC 05:15:46.5:3.1, 6.28S:128.87E, h228km, 44km, mb2.6/1,
mb1 3.4/5, mb1mx3.0/39, mbtmp3.9/5, Error ellipse:
s-maj=69.1km s-min=19.8km az=85.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sorong, Fitzroy Crossi, Waramunga Arr, etc.

IDC 05:24:59.4:1.1, 19.62N:121.82E, h0km, mb3.5/6,
mb1 3.7/6, mb1mx3.5/50, mbtmp3.5/6, Error ellipse:
s-maj=74.5km s-min=21.7km az=67.0, Philippine Islands region

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

SOME 05:29:10.9, 41.73N:79.67E, h5km
NCC 05:29:11.6, 1.2, 41.74N:79.67E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=7.7km s-min=5.0km az=149.0
KRNET 05:29:12.0, 1.4, 1.59N:79.63E, h18km, mb2.6
ISC 05:29:12.1, 1.9, 41.76N:79.75E:0.07, h10km, n42,

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

Main table with columns: SHLS, SHLS, UZB, UZB, ZHN, ZHN, ZHN, ZHN, ANVS, ANVS, KDJ, KDJ, KURS, KURS, TNSS, TNSS, TNSS, MDOK, MDOK, MDOK, KOTS, KOTS, KOTS, DJR, DJR, DJR, IZV, IZV, IZV, ULHL, ULHL, ULHL, MTBS, MTBS, MTBS, ARXS, ARXS, ARXS, NRN, NRN, NRN, CHKK, CHKK, CHKK, CHKK, BOOM, BOOM, BOOM, KTBS, KTBS, KTBS, KST, KST, KST, KUU, KUU, KUU, KUU, DGS, DGS, DGS, DGS, KAPS, KAPS, KAPS, KAPS, MRKS, MRKS, MRKS, MRKS, etc.

IDC 05:08:30:14.8-4.9, 2.97N:128.59E, h90km, 56km, mb3.3/4,
mb1 3.5/5, mb1mx3.1/47, mbtmp3.7/5, ML3.8/1, Error
ellipse: s-maj=130.5km s-min=22.9km az=67.0,
Halmahera

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

ATH 05:08:59:59.6, 38.06N:20.23E, h15km, 4km, ML2.8/5, Error
ellipse: s-maj=5.4km s-min=1.6km az=58.0
THE 05:09:00:02.3, 38.08N:20.26E, h6km, 8km, ML2.6/4, Error
ellipse: s-maj=8.8km s-min=0.6km az=74.0
ISC 05:08:59:57.4, 2.3, 38.05N:0.06:20.14E:0.10, h21km, 2km,

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

IDC 05:09:04:31.5:0.4, 29.19S:178.31W, h177km, 5km, mb3.3/3,
mb1 3.7/5, mb1mx3.5/20, mbtmp4.1/5, Error ellipse:
s-maj=30.2km s-min=18.4km az=133.0

ISC 05:04:32.5:0.8, 29.4S:0.1:178.2Z:0.2, h200km, n12,
<3808/16, mb3.4/3, Kermadec Islands

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

ANF 05:09:17:00.8:0.1, 33.91N:116.35W, h16km, 1km, ML3.0/35,
Error ellipse: s-maj=1.2km s-min=1.1km az=107.0
SCED5 05:09:17:01.8, 33.93N:116.35W, h7km
PAS 05:09:17:01.8, 1.2, 33.93N:0.007:116.347W:0.010,
h7km, 3km, ML3.1/203, Error ellipse: s-maj=1.3km
s-min=0.9km az=127.0

ISC 05:09:17:02.0:0.8, 33.92N:0.01:116.35W:0.01, h14km, 5km,
n132, <15/12/201, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E Wides Canyon, Belle Mtn, etc.

GVDA			Sg	09 17 14.0	-0.6
CTCC	Cactus City	0.40 131	Pg	09 17 09.6	-0.5
DNR	Dunn Ranch, Anz	0.42 213	Pg	09 17 10.0	-0.5
DNR			Sg	09 17 16.1	-0.1
SND	J Saunders Pla	0.43 211	Pg	09 17 10.1	-0.5
SND			Sg	09 17 10.1	-0.4
FRD	Ford Ranch, An	0.47 206	Pg	09 17 10.8	-0.5
FRD			Sg	09 17 17.4	-0.4
FRD	Ford Ranch, An	0.47 206	Pg	09 17 10.8	-0.5
FRD			Sg	09 17 17.3	-0.4
CRY	Cary Ranch	0.48 222	Pg	09 17 10.9	-0.2
CRY			Sg	09 17 11.5	-0.5
BZNA	Buzz No.'s Pla	0.50 212	Pg	09 17 11.5	-0.5
BBSC	Beaumont Base	0.52 270	Pg	09 17 11.9	-0.4
BBRC	Big Bear Solar	0.58 306	Pg	09 17 12.7	-0.9
BBRC			Sg	09 17 20.7	-0.6
BBRC	Big Bear Solar	0.58 306	P	09 17 12.6	-0.9
BBRC			S	09 17 20.8	-0.5
HAY	Hayfield	0.59 111	Pg	09 17 13.7	+0.1
BATC	Bat Cave Butte	0.63 137	Pg	09 17 13.9	-0.4
CAFO	Crafton Hills	0.64 281	Pg	09 17 13.9	-0.6
SVD	Seven Oaks Dam	0.65 287	Pg	09 17 13.8	-0.9
SVD			Sg	09 17 22.4	-0.8
BACC	Bachelor Mtn.	0.65 242	Pg	09 17 13.9	-0.8
BACC			Sg	09 17 22.7	-0.6
BORC	Borrego Spring	0.65 185	Pg	09 17 14.1	-0.6
PLM	Palomar	0.71 217	Pg	09 17 15.2	-0.6
PLM			Sg	09 17 24.7	-0.4
SALN	Salton City	0.71 154	Pg	09 17 15.6	-0.2
MURC	Murrieta	0.77 246	Pg	09 17 16.1	-0.9
MURC			Sg	09 17 23.8	-0.4
MURC	Murrieta	0.77 246	P	09 17 16.0	-0.9
MURC			S	09 17 26.7	-0.4
FRK	Frink	0.79 131	Pg	09 17 16.5	-0.8
BC3	Big Chuckawall	0.79 109	Pg	09 17 16.9	-0.5
BC3			Sg	09 17 27.8	-0.1
BC3	Big Chuckawall	0.79 109	P	09 17 16.9	-0.5
BC3			S	09 17 27.9	0.0
CFSC	Central Fire S	0.80 284	Pg	09 17 16.7	-0.7
CFSC			Sg	09 17 27.6	-0.3
RSBC	Riverside Bore	0.81 274	Pg	09 17 16.6	-1.1
RSBC			Sg	09 17 27.1	-1.5
RSCB	Riverside Bore	0.81 274	Pg	09 17 27.2	-1.3
ARVC	Santa Rosa Min	0.84 264	Pg	09 17 17.1	-1.2
SME			Sg	09 17 28.3	-1.1
RVR	Riverside	0.85 275	Pg	09 17 17.3	-1.2
RVR			Sg	09 17 28.4	-1.4
HEC	Hector, Ludlow	0.91 1	P	09 17 18.3	-1.2
HEC	Hector, Ludlow	0.91 1	P	09 17 18.4	-1.2
HEC			S	09 17 31.8	+0.3
CSP	Cedar Springs	0.92 295	Pg	09 17 18.7	-1.1
CRNC	Corona	1.01 268	Pg	09 17 33.6	-0.9
MLSC	Mira Loma	1.01 275	Pg	09 17 20.4	-1.1
MLSC			Sg	09 17 33.3	-1.4
CBKC	Canebrake	1.02 175	Pg	09 17 20.6	-1.1
HWB	Hans Werner Br	1.03 210	Pg	09 17 20.4	-1.4
HWB			Sg	09 17 34.1	-1.1
MONP2	Monument Peak	1.03 183	Pg	09 17 20.9	-0.9
MONP2			Sg	09 17 34.6	-0.7
MONP2	Monument Peak	1.03 183	P	09 17 20.9	-0.9
MONP2			S	09 17 34.5	-0.8
IRM	Iron Mountain	1.03 76	P	09 17 20.7	-1.2
IRM	Iron Mountain	1.03 76	P	09 17 20.7	-1.2
IRM			S	09 17 34.9	-0.4
GMRC	Granite Mounta	1.03 33	Pg	09 17 20.6	-1.4
GMRC			Sg	09 17 34.1	-1.5
GMRC	Granite Mounta	1.03 33	P	09 17 20.6	-1.4
GMRC			S	09 17 34.0	-1.5
PPP	Dos Picos Cty	1.04 208	Pg	09 17 20.7	-1.4
PPP			Sg	09 17 34.4	-1.4
GORC	Green Oak Ranc	1.06 224	Pg	09 17 20.9	-1.5
GORC			Sg	09 17 34.8	-1.5
SWSC	Sam W. Stewart	1.08 154	Pg	09 17 20.7	-2.1
SWSC			Sg	09 17 20.7	-2.1
DANC	Danby, Needles	1.08 48	Pg	09 17 21.6	-1.1
CRR	Carrizo Plain	1.08 163	Pg	09 17 21.1	-1.7
RRX	Edison Barstow	1.09 331	Pg	09 17 22.0	-1.0
RRX			S	09 17 22.0	-1.0
RRX	Edison Barstow	1.09 331	P	09 17 22.0	-1.0
RRX			S	09 17 37.3	+0.6
EML	El Monte City P	1.11 202	Pg	09 17 21.8	-1.5
EML			Sg	09 17 36.6	-1.1
CHNC	Chino	1.11 274	Pg	09 17 21.1	-1.3
CHNC			Sg	09 17 36.8	-1.0
BFSC	Mount Baldy Ra	1.13 287	Pg	09 17 22.3	-1.5
BFSC			Sg	09 17 37.8	-0.9
BFSC	Mount Baldy Ra	1.13 287	P	09 17 22.4	-1.5
BFSC			S	09 17 37.7	-0.9
109C	Camp Elliot, M	1.21 212	Pg	09 17 23.6	-1.6
109C	Camp Elliot, M	1.21 212	P	09 17 23.4	-1.8
109C			S	09 17 39.0	-1.9
CPE	Camp Elliot	1.21 212	Pg	09 17 23.4	-1.8
CPE			Sg	09 17 39.0	-1.9
PSRC	Puddingstone R	1.22 278	Pg	09 17 24.1	-1.4
PSRC			Sg	09 17 40.3	-1.2
DSCC	Desert Studies	1.24 9	Pg	09 17 24.0	-1.8
DSCC			Sg	09 17 41.2	-0.8
BAR	Barrett	1.27 192	Pg	09 17 24.7	-0.5
BAR			Sg	09 17 41.3	-1.6
SDRC	San Diego Road	1.28 203	Pg	09 17 24.4	-0.6
SDRC			Sb	09 17 41.5	-0.6
IKP	In-Ko-Pah, Jac	1.28 171	P	09 17 24.3	-1.2
IKP			Sg	09 17 40.7	-2.7
IKP	In-Ko-Pah, Jac	1.28 171	P	09 17 24.3	-1.2
IKP			S	09 17 40.6	-2.7
RMX	La Rumorosa	1.33 170	Pg	09 17 46.2	+2.3
RMX			Sn	09 17 47.1	+2.0
OLP	Otay Lakes Par	1.40 200	Pg	09 17 45.0	-0.4
OLP			Sb	09 17 45.0	-0.4
GSC	Goldstone, Bar	1.43 345	Pg	09 17 47.4	-0.7
GSC			Sb	09 17 47.4	-0.7
GSC	Goldstone, Bar	1.43 345	Pb	09 17 47.4	-0.6
GSC			Sb	09 17 47.1	+0.6
SBB	Saddle Back Bu	1.44 303	Pg	09 17 27.3	-0.4
SBB			Sb	09 17 46.4	-0.5
MWC	Mount Wilson	1.45 283	Pg	09 17 47.1	+0.2
MWC			Sb	09 17 47.1	+0.2
CHFC	Chilao Flat St	1.45 287	Pg	09 17 28.4	+0.5
CHFC			Sb	09 17 47.1	-0.1
BLVC	Blythe	1.53 96	Pg	09 17 30.4	+0.3
Y12C	Blythe	1.53 96	Pg	09 17 30.4	+0.3
Y12C			Sg	09 17 51.0	-0.3
GLA	Glamis	1.54 124	Pg	09 17 29.9	+0.8
GLA			Pb	09 17 30.0	+0.2
GLA			Sg	09 17 52.0	+0.4
PAS	Pasadena Art C	1.54 280	Pg	09 17 29.4	+0.3
PASC	Pasadena Art C	1.54 280	Pg	09 17 49.5	+0.6
PASC			Sn	09 17 49.6	+0.7
TUQ	Turquoise Moun	1.55 13	Pg	09 17 30.9	+0.3
TUQ			Ph	09 17 28.6	-0.7
TUQ	Turquoise Moun	1.55 13	Pg	09 17 30.9	+0.3
TUQ			Sb	09 17 51.0	+0.8

FMP	Fort Macarthur	1.63 263	Sb	Sn	09 17 51.7	+0.7
EDW2	Edwards Air Fo	1.66 306	Pb	Pb	09 17 32.2	-0.2
EDW2	Edwards Air Fo	1.66 306	Pb	Pb	09 17 30.1	-0.7
EDW2			Pg	Pb	09 17 32.2	-0.2
EDW2			Sb	Sb	09 17 53.5	+1.6
EDW2			Sb	Sb	09 17 32.1	-0.3
NEE2			Sb	Sb	09 17 54.1	+0.9
DECC	Green Verdugo	1.68 282	Pg	Pb	09 17 32.5	-0.1
DECC			Sb	Sb	09 17 54.1	+0.4
CIS	Catalina Islan	1.80 254	Pb	Pb	09 17 33.8	+1.3
CIS			Sb	Sb	09 17 56.7	+1.5
DTP	Desert Tortois	1.82 318	Pg	Pb	09 17 32.4	-0.6
DMCI	Parker Dam, Lak	1.87 378	Pg	Pb	09 17 35.8	-0.1
LRMC	Laurel Mtn Rd	1.90 325	P	Pn	09 17 33.5	-0.6
LRMC			Sb	Sg	09 18 01.9	-1.4
SHOC	Shoshone, Teco	1.98 2	P	Pn	09 17 34.6	-0.4
SHOC			Sb	Sb	09 18 03.9	+1.6
SHOC			Pg	Pb	09 17 39.1	0.0
OSI	Osito Audit: C	2.08 290	Pg	Pb	09 17 37.3	+0.8
OSI	Osito Audit: C	2.08 290	Pg	Pb	09 17 40.9	+1.3
OSI			Sb	Sb	09 18 05.3	-0.1
OSM	Oslen of Sheba	2.08 348	Pn	Pn	09 17 36.2	-0.3
SRTC	Snort	2.11 327	Pn	Pn	09 17 36.9	0.0
BLG	Laguna Peak, P	2.26 276	Sb	Sb	09 18 11.3	+0.9
MPMC	Manual Prospec	2.33 337	P	Pn	09 17 39.5	-0.5
MPMC			Sb	Sb	09 18 14.4	+1.9
W13A	Hualapai Mount	2.35 59	Pn	Pn	09 17 39.7	-0.7
ARVC	Arvin	2.37 301	P	Pn	09 17 40.2	-0.3
ARVC			Sb	Sb	09 18 15.2	+1.6
ISA	Isabella, Lake	2.46 315	Pn	Pn	09 17 41.4	-0.4
ISA	Isabella, Lake	2.46 315	Pn	Pn	09 17 41.4	-0.4
ISA			Sb	Sb	09 18 18.8	+2.4
AMDNV	Amargosa	2.53 1	Pn	Pn	09 17 42.5	-0.1
DAC	Darwin (Calif)	2.56 337	Pn	Pn	09 17 43.8	-0.3
Y14A	Yukentaur	2.78 89	Pn	Pn	09 17 45.9	-0.3
YES	Vestal, Richgr	2.95 311	Pn	Pn	09 17 49.5	+1.1
TPNV	Topopah Spring	3.02 2	Pn	Pn	09 17 49.9	+0.3
TPNV	Topopah Spring	3.02 2	P	Pn	09 17 49.9	+0.3
TPNV			Sb	Sg	09 18 36.4	-2.7
GRAC	Grapevine Rang	3.18 345	P	Pn	09 17 52.3	+0.7
SMCM	Simmler	3.31 296	Sb	Sb	09 18 44.1	+3.5
LCMT	Little Creek M	3.39 39	Pn	Pn	09 18 03.5	+0.6
X16A	Lo Mia Camp, P	4.10 82	Pn	Pn	09 18 04.9	+0.5
U15A	North Rim, P	4.16 52	Pn	Pn	09 18 06.1	+0.8
KNB	Knab	4.42 42	Pn	Pn	09 18 08.0	+1.5
R11A	Troy Canyon, C	4.46 8	Sb	Sg	09 19 02.0	-5.1
NV11	Minn Army Sit	4.73 343	Pn	Pn	09 18 14.2	+1.2
RYN	Ryan	5.01 340	Pn	Pn	09 18 18.2	+1.3
PSUT	Pine Spring	5.03 23	Pn	Pn	09 18 18.5	+1.4
CMB	Columbia Colle	5.25 323	Pn	Pn	09 18 21.2	+1.2
KVN	Kaiserville	5.31 345	Pn	Pn	09 18 22.1	+1.1
X18A	Snowflake	5.34 82	Pn	Pn	09 18 23.0	+1.6
YERR	Yerington	5.56 336	Pn	Pn	09 18 26.4	+1.8

MAN 05 09:47:06.8, 13:55N, 121:94E, h10km, mb4.2, ML3.0, MS2.7, 1C-2D, Mindoro

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
BOAC	Boac	0.13 226	eP	Pg	09 47 10.7	+0.9	
BOAC			eS	Sg	09 47 14.8	+2.8	
GOP	Guinayangang	0.60 54	iP	Pg	09 47 18.5	0.0	
GOP			eS	Sg	09 47 17.9	0.3	
LQP	Lukban	0.68 325	eP	Pg	09 47 29.1	+6.4	
LQP	Puerto Galera	0.96 267	iP	Pg	09 47 25.1	-0.2	
PGP			eS	Sg	09 47 37.5	-0.4	
TGY	Tagaytay City	1.12 299	iP	Pn	09 47 31.8	+3.1	
POLP	Polilio Island	1.17 360	eP	Pn	09 47 27.5	-1.7	
POLP			eS	Sb	09 47 40.7	-3.7	
OTRP	Odiangan	1.18 176	eP	Pn	09 47 29.0	-0.4	
LUBP	Lubang	1.66 277	eP	Pn	09 47 45.8	+0.2	
LUBP			eS	Sn	09 47 55.3	-2.1	
BALP	Baler	2.21 351	eS	Sn	09 47 44.9	+0.8	
BALP			eS	Sn	09 48 12.4	+1.5	

BGR 05 09:56:54.3±0.0, 17:45S±171.34E, h680km
NEIC 05 09:56:57.8±1.8, 14:74S±0:08, 169:82E±0.08, h638km±1km, mb5.9/400, Mw6.4/69, Mw6.3/64, Mw6.3, Mw6.4(GCMT), Error ellipse: s-maj=13.7km s-min=13.3km az=262.0,

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like RPZ, RPZ, RPZ, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like SWI, BNDI, BNDI, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like BLDU, MSLP, PLAI, etc.

2014 MAR

5d 9h

RC01	comp=Z,198nm,0.4s	82.22	19	P	P	10 08 12.9	-0.7
RC01	Rabbit Creek A			I	Amb	10 08 17.4	
KCPM	comp=Z,565nm,1.1s	82.26	46	P	P	10 08 15.4	+0.9
HOPS	Cahto	82.31	46	P	P	10 08 14.4	-0.2
HOPS	Hopland Field			I	Amb	10 08 19.0	
SKT	comp=Z,648nm,1.2s	82.39	17	P	P	10 08 12.5	-2.0
KMRM	Skwentna	82.41	45	P	P	10 08 16.2	+1.1
GDXM	KRMH Mail Ridge	82.42	47	P	P	10 08 16.2	+1.0
GDXM	Geysers			I	Amb	10 08 19.2	
CIT	comp=Z,215nm,1.0s	82.43	329	eP	P	10 08 15.4	+0.4
CIT	Chita			e	pmx	10 10 29.9	
JCC	comp=Z,273nm,1.4s	82.46	44	P	P	10 08 15.3	+0.1
JCC	Jacoby Creek			I	Amb	10 08 19.1	
SAO	comp=Z,529nm,1.4s	82.52	49	P	P	10 08 16.1	+0.4
SAO	San Andreas Ge			e	pmx		
SAO	comp=Z,239nm,0.9s	82.52	49	P	P	10 08 16.1	+0.4
SAO	San Andreas Ge			I	Amb	10 08 19.4	
SNCC	comp=Z,239nm,0.9s	82.54	53	P	P	10 08 16.9	+1.0
SNCC	San Nicolas Is			I	Amb	10 08 19.7	
SNCC	comp=Z,484nm,0.9s	82.54	53	P	P	10 08 17.3	+1.4
SNCC	San Nicolas Is			I	Amb	10 08 19.7	
BILL	comp=Z,550nm,1.2s	82.69	359	dP	P	10 08 15.6	-0.2
BILL	Billibino			e	pp	10 08 18.9	
BILL	comp=Z,485nm,1.1s	82.69	44	P	P	10 08 17.8	+1.2
BILL	Billibino			I	Amb	10 08 20.6	
KHMM	comp=Z,447nm,0.9s	82.71	202	P	P	10 08 17.5	+1.4
KHMM	Mawson			I	Amb	10 08 20.6	
MAW	comp=Z,152nm,0.8s,baz=110,slow=6.5,SNR=93	82.71	202	P	P	10 08 17.1	+1.1
MAW	Mawson			I	Amb	10 08 20.6	
MAW	comp=Z,152nm,0.8s,baz=110,slow=6.5,SNR=93	82.71	202	P	P	10 08 16.5	+0.5
MAW	Mawson			I	Amb	10 08 19.2	
HIN	comp=Z,146nm,0.8s,baz=113,slow=0.3,SNR=48	82.73	20	P	P	10 08 15.2	-1.0
SCZ2	Hinchinbrook I			I	Amb	10 08 19.4	
SCZ2	Santa Cruz Isl	82.75	52	P	P	10 08 18.0	+1.1
PMPB	comp=Z,410nm,1.0s	82.77	50	P	P	10 08 18.1	+1.1
PMPB	Monarch Peak			I	Amb	10 08 21.1	
PMR	comp=Z,271nm,1.1s	82.80	18	P	P	10 08 15.5	-0.9
PMR	Palmer			e	pmx		
PMR	comp=Z,271nm,1.1s	82.80	18	P	P	10 08 15.5	-0.9
PMR	Palmer			I	Amb	10 08 20.3	
KRMB	comp=Z,271nm,1.1s	82.86	44	P	P	10 08 16.9	-0.5
KRMB	Red Mountain			I	Amb	10 08 21.4	
KNK	comp=Z,440nm,1.3s	82.87	19	P	P	10 08 16.0	-0.9
KNK	Knik Glacier			I	Amb	10 08 19.4	
SBC	comp=Z,698nm,1.7s	82.87	52	P	P	10 08 18.9	+1.4
SBC	Santa Barbara			I	Amb	10 08 21.1	
YAK	comp=Z,146nm,0.8s,baz=113,slow=0.3,SNR=48	82.87	342	P	P	10 08 17.1	+0.3
YAK	Yakutsk			S	S	10 17 34.2	-8.9
YAK	comp=Z,8.1nm,0.4s,baz=243,slow=2.3,SNR=12	82.87	342	eP	pp	10 08 16.2	-0.6
YAK	Yakutsk			e	pp	10 10 29.8	-1.2
YAK	comp=Z,327nm,1.0s			e	S	10 11 33.8	
YAK	Yakutsk			e	S	10 17 38.5	-4.6
YAK	comp=Z,50nm,1.4s			pmx	pmx		
YAK	comp=N,66nm,1.1s			pmx	pmx		
YAK	comp=Z,505nm,5.1s			pmx	pmx		
YAK	comp=N,334nm,4.8s			pmx	pmx		
YAK	comp=E,188nm,4.1s			smx	smx		
YAK	comp=N,1um,3.2s			smx	smx		
YAK	comp=E,305nm,2.9s			smx	smx		
YAK	comp=Z,360nm,1.0s	82.87	342	P	P	10 08 16.0	-0.8
YAK	Yakutsk			I	Amb	10 08 19.8	
GLI	comp=Z,171nm,0.6s	82.90	20	P	P	10 08 16.4	-0.6
GLI	Glacier Island			I	Amb	10 08 18.9	
PPLA	comp=Z,453nm,1.3s	82.94	16	P	P	10 08 14.6	-2.8
KBO	Purkeypile	82.96	43	P	P	10 08 16.3	-1.6
KBO	Boasley Butte			I	Amb	10 08 21.8	
PKM	comp=Z,247nm,0.9s	82.97	51	P	P	10 08 19.3	+1.1
PKM	Mcherson Peak			I	Amb	10 08 22.1	
PAGB	comp=Z,247nm,0.9s	82.98	50	P	P	10 08 18.4	+0.3
GHO	Antelope Grade	83.00	18	P	P	10 08 16.5	-1.1
GHO	Glorie Hole Cre			I	Amb	10 08 22.1	
SMMC	comp=Z,829nm,1.8s	83.00	51	P	P	10 08 19.4	+1.2
SMMC	Simmler			I	Amb	10 08 22.1	
FID	comp=Z,246nm,0.9s	83.00	20	P	P	10 08 15.8	-1.7
FID	Port Fido	83.10	20	P	P	10 08 16.9	-1.1
KEBM	comp=Z,246nm,0.9s	83.19	42	P	P	10 08 19.4	+0.4
KEBM	Edson Butte			I	Amb	10 08 22.6	
SCI2	comp=Z,419nm,1.1s	83.20	53	P	P	10 08 19.9	+0.8
SCI2	San Clemente I			I	Amb	10 08 23.4	
SML	comp=Z,443nm,1.3s	83.21	19	P	P	10 08 17.9	-0.6
SML	Sawmill			I	Amb	10 08 23.4	
BLG	comp=Z,443nm,1.3s	83.23	52	P	P	10 08 19.9	+0.6
BLG	Laguna Peak, P			I	Amb	10 08 23.4	
RAGM	comp=Z,420nm,0.8s	83.35	21	P	P	10 08 18.4	-0.9
RAGM	Ragged Mountai			I	Amb	10 09 07.6	
L02E	comp=Z,282nm,1.0s	83.35	43	P	P	10 08 21.1	+1.4
L02E	Cave Junction			I	Amb	10 08 24.3	
WDC	comp=Z,643nm,1.4s	83.37	45	P	P	10 08 19.2	-0.6
WDC	Whiskeytown Da			e	pmx		
WDC	comp=Z,642nm,1.4s	83.43	45	P	P	10 08 19.1	-0.6
WDC	Whiskeytown Da			I	Amb	10 08 24.3	
N02D	comp=Z,642nm,1.4s	83.43	45	P	P	10 08 21.5	+1.3
N02D	Trinity Center			I	Amb	10 08 24.3	
CIS	comp=Z,244nm,1.46	83.46	53	P	P	10 08 21.0	+0.5
CIS	Catalina Islan			I	Amb	10 08 22.6	
M02C	comp=Z,244nm,1.46	83.51	44	P	P	10 08 22.0	+1.4
M02C	Callahan			I	Amb	10 08 22.6	
SCM	comp=Z,282nm,1.0s	83.54	19	P	P	10 08 18.4	-1.9
SCM	Sheep Creek Mo			e	pmx		
SCM	comp=Z,282nm,1.0s	83.54	19	P	P	10 08 18.4	-1.9
SCM	Sheep Creek Mo			I	Amb	10 08 24.7	
K02D	comp=Z,282nm,1.0s	83.55	43	P	P	10 08 21.8	+1.1
K02D	Willamette Mer			I	Amb	10 08 24.7	
JO1E	comp=Z,243nm,0.8s	83.58	42	P	P	10 08 21.7	+0.9
JO1E	Myrtle Point			I	Amb	10 08 24.7	
ORV	comp=Z,243nm,0.8s	83.65	46	P	P	10 08 21.5	+0.3
ORV	Oroville			e	pmx		
ORV	comp=Z,310nm,1.1s	83.65	46	P	P	10 08 21.5	+0.3
ORV	Oroville			I	Amb	10 08 24.6	
FMP	comp=Z,310nm,1.1s	83.67	53	P	P	10 08 22.2	+0.8
FMP	Fort Macarthur			I	Amb	10 08 24.6	
OSI	comp=Z,243nm,0.8s	83.69	52	P	P	10 08 22.1	+0.5
OSI	Osito Audit: C			I	Amb	10 08 26.2	
OSI	comp=Z,338nm,1.1s	83.69	52	P	P	10 08 22.7	+1.1
OSI	Osito Audit: C			I	Amb	10 08 26.2	
ULN	comp=Z,38nm,1.1s	83.70	323	P	P	10 08 21.2	-0.3
ULN	Ulanbaatar			e	pmx		
ULN	comp=Z,38nm,1.1s	83.70	323	P	P	10 08 21.1	-0.3
ULN	Ulanbaatar			e	pmx		

003E	Paynes Creek	83.75	46	P	P	10 08 22.3	+0.5
003E	baz=245,SNR=382			I	Amb	10 08 22.0	+0.2
YBH	Yreka Blue Hor	83.76	44	P	P	10 08 22.0	+0.2
YBH	comp=Z,648nm,1.5s			pmx	pmx		
YBH	Yreka Blue Hor	83.76	44	P	P	10 08 22.0	+0.2
YBH	comp=Z,648nm,1.5s			I	Amb	10 08 26.4	
AFDM	comp=Z,648nm,1.5s	83.77	47	P	P	10 08 20.9	-1.0
AFDM	Forest Hills D			I	Amb	10 08 25.3	
ARVC	comp=Z,434nm,1.0s	83.81	51	P	P	10 08 22.9	+0.8
ARVC	Arvin			I	Amb	10 08 22.9	+0.8
KTH	comp=Z,193nm,0.8s	83.81	17	P	P	10 08 19.5	-2.0
KTH	Kantishna Hill			I	Amb	10 08 24.7	
CMB	comp=Z,368nm,1.0s	83.81	48	P	P	10 08 22.7	+0.6
CMB	Columbia Cole			e	pmx		
CMB	comp=Z,368nm,1.0s	83.81	48	P	P	10 08 22.7	+0.6
CMB	Columbia Cole			I	Amb	10 08 25.5	
H02N1	comp=Z,368nm,1.0s	83.81	31	P	P	10 08 22.2	+0.4
H02N1	VAN INLET T-0			I	Amb	10 08 25.5	
DIB	comp=Z,278nm,0.9s	83.82	31	P	P	10 08 21.0	-0.7
DIB	Dawson Inlet,			I	Amb	10 08 26.0	
H02S1	comp=Z,278nm,0.9s	83.82	31	P	P	10 08 22.2	+0.5
H02S1	DAWSON INLET T			I	Amb	10 08 26.0	
DECC	comp=Z,278nm,0.9s	83.85	52	P	P	10 08 22.8	+0.4
DECC	Green Verdugo			I	Amb	10 08 26.0	
VOG	comp=Z,248nm,0.9s	83.86	50	P	P	10 08 22.9	+0.6
VOG	Valley Oaks Go			I	Amb	10 08 22.9	+0.6
YES	comp=Z,248nm,0.9s	83.89	51	P	P	10 08 22.9	+0.4
YES	Vestal, Richgr			I	Amb	10 08 22.9	+0.4
TRF	comp=Z,247nm,1.28	83.90	17	P	P	10 08 20.3	-1.8
TRF	Thorofare Moun			I	Amb	10 08 25.4	
PASC	comp=Z,214nm,0.9s	83.93	52	P	P	10 08 22.9	+0.2
PASC	Pasadena Art C			I	Amb	10 08 25.8	
HUMO	comp=Z,206nm,0.8s	83.98	43	P	P	10 08 23.6	+0.8
HUMO	Hull Mountain			I	Amb	10 08 26.7	
MOBC	comp=Z,315nm,1.1s	84.04	31	P	P	10 08 22.2	-0.6
MOBC	Moresby Island			I	Amb	10 08 26.1	
MWC	comp=Z,218nm,0.9s	84.05	52	P	P	10 08 23.9	+0.4
MWC	Mount Wilson			e	pmx		
MWC	comp=Z,516nm,1.1s	84.05	52	P	P	10 08 23.9	+0.4
MWC	Mount Wilson			I	Amb	10 08 28.3	
S0NM	comp=Z,516nm,1.1s	84.07	323	P	P	10 08 23.5	+0.3
S0NM	Songino Arroy			I	Amb	10 08 28.3	
S0NM	comp=Z,14nm,0.6s,baz=127,slow=4.1,SNR=14			S	S	10 17 47.2	-8.5
S0NM	Songino Arroy			I	Amb	10 08 28.3	
S0NM	comp=Z,8.9nm,1.1s,baz=145,slow=5.3,SNR=8.5			S	S	10 26 33.7	-0.6
S0NM	Songino Arroy			I	Amb	10 08 28.3	
S0NM	comp=Z,0.4nm,0.6s,baz=323,slow=0.7,SNR=4.0			S	S	10 34 34.6	-2.6
S0NM	Songino Arroy			I	Amb	10 08 28.3	
I02D	comp=Z,2.3nm,1.0s,baz=285,slow=1.9,SNR=5.4	84.07	42	P	P	10 08 24.3	+1.2
I02D	Swisshome			I	Amb	10 08 24.3	+1.2
CRQM	comp=Z,206nm,1.0s	84.14	21	P	P	10 08 21.7	-1.7
CRQM	Cirque			I	Amb	10 08 26.6	
I03D	comp=Z,206nm,1.0s	84.21	42	P	P	10 08 24.5	+0.7
I03D	Drain, OR			I	Amb	10 08 26.6	
BPAW	comp=Z,243nm,0.9s	84.22	16	P	P	10 08 21.4	-2.1
BPAW	Bear Paw Mtn.			I	Amb	10 08 24.9	+0.7
L04D	comp=Z,243nm,0.9s	84.24	44	P	P	10 08 24.9	+0.7
L04D							

GCMT	Greycliff	94.02	44	P	P	10 09 10.2	+0.5
SMCO	Snowmass	94.07	51	P	P	10 09 09.5	-0.9
RLMT	Red Lodge	94.09	44	P	P	10 09 10.2	0.0
GGR	Gangavaram	94.10	287	eP	eP	10 09 10.0	-0.5
GGR				eP	eP	10 11 27.4	-1.1
GGR				eP	eP	10 12 09.9	-2.2
GGR				eP	eP	10 13 03.0	-6.1
GGR				e	e	10 16 09.2	
GGR				e	e	10 18 43.3	-1.5
GGR				e	e	10 19 25.3	
VNA3	Neumayer Olymp	94.13	180	P	P	10 09 09.3	-0.3
TX31	Lajitas Ar. Si	94.16	61	I	I	10 09 11.1	+0.4
TX31				I	I	10 09 15.0	
TX32	Lajitas Array	94.16	61	P	P	10 09 10.4	-0.2
TX32				I	I	10 09 15.0	
TXAR	Lajitas Array	94.16	61	P	P	10 09 11.1	+0.5
TXAR				I	I	10 09 15.0	
TXAR	comp=Z,19nm,1.0s,baz=230,slow=5.7,SNR=227			eP	eP	10 13 09.9	+0.5
TXAR	comp=Z,1.6nm,0.9s,baz=232,slow=1.0,SNR=2.8			eP	eP	10 13 50.8	+0.7
TXAR	comp=Z,2.1nm,0.6s,baz=90,slow=4.8,SNR=12			eP	eP	10 26 08.4	-0.2
TXAR	comp=Z,0.9nm,0.8s,baz=94,slow=3.9,SNR=4.3			eP	eP	10 28 48.7	+0.4
TXAR	comp=Z,0.3nm,0.7s,baz=108,slow=2.9,SNR=7.7			eP	eP	10 34 15.3	-4.7
VNA2	Neumayer-Watz	94.43	181	P	P	10 09 10.9	0.0
RWWY	Rawlins	94.58	48	P	P	10 09 11.8	-0.6
RWWY				I	I	10 09 15.7	
WMQ	Urumqi	94.58	314	P	P	10 09 13.1	+1.0
WMQ				pP	pP	10 11 30.7	+0.9
WMQ				SKS	SKS	10 18 48.8	+2.5
WMQ				SS	SS	10 19 30.7	0.0
WMQ				SS	SS	10 23 34.6	-2.8
WMQ				SS	SS	10 26 14.4	-0.7
WMQ	comp=Z,29nm,1.5s			pmx	pmx		
WMQ	comp=Z,120nm,3.7s			pmx	pmx		
WMQ	Urumqi	94.58	314	P	P	10 09 12.5	+0.4
WMQ				pmx	pmx		
WMQ	Urumqi	94.58	314	P	P	10 09 12.5	+0.4
WMQ				I	I	10 09 16.2	
EGMT	Eagleton	94.61	42	P	P	10 09 11.5	-0.7
EGMT				I	I	10 11 36.1	
EGMT	Eagleton	94.61	42	P	P	10 09 12.2	0.0
EGMT				S	S	10 19 32.6	+1.8
NJS	Nagarjunasagar	94.62	286	eP	eP	10 09 12.4	-0.4
NJS				eP	eP	10 11 35.3	+4.3
NJS				eP	eP	10 16 15.7	+4.4
NJS				e	e	10 17 11.8	
NJS				e	e	10 18 47.6	+0.2
NJS				e	e	10 19 29.7	
NJS				e	e	10 22 05.4	+1.5
NJS				e	e	10 23 09.1	-0.4
NJS				e	e	10 23 36.8	-2.3
VNA1	Neumayer-Stat	94.72	181	P	P	10 09 12.3	+0.1
SDCO	Great Sand Dun	94.81	52	P	P	10 09 13.1	-0.5
SRLM	Srisaial	94.90	285	eP	eP	10 09 13.8	-0.4
SRLM				eP	eP	10 11 29.9	-2.8
SRLM				eP	eP	10 12 33.5	-2.4
SRLM				eP	eP	10 13 09.9	-5.2
SRLM				e	e	10 16 17.0	
SRLM				e	e	10 18 48.7	-0.3
SRLM				e	e	10 22 05.4	+1.5
SRLM				e	e	10 23 09.1	-0.4
SRLM				e	e	10 23 36.8	-2.3
SRLM				e	e	10 23 11.0	0.0
SRLM				e	e	10 23 41.8	+0.3
SRLM				e	e	10 26 18.9	-1.7
H08S2	Diego Garcia H	95.10	261	P	P	10 09 14.5	-0.2
H08S3	Diego Garcia H	95.11	261	P	P	10 09 14.8	0.0
H08S1	Diego Garcia H	95.11	261	P	P	10 09 16.1	+1.2
RPR	Rampur	95.18	288	eP	eP	10 09 14.8	-0.6
ISCO	Idaho Springs	95.25	50	P	P	10 09 14.3	-1.3
ISCO				pmx	pmx	10 09 14.3	-1.3
ISCO				pmx	pmx	10 09 16.2	+0.6
ISCO				S	S	10 19 41.8	+4.6
ISCO	Red Feather La	95.29	49	P	P	10 09 14.7	-1.0
N23A	Red Feather La	95.29	49	P	P	10 09 16.2	+0.5
N23A				S	S	10 19 42.2	+4.9
K22A	Casper	95.32	47	P	P	10 09 15.3	-0.4
K22A				P	P	10 09 15.5	-0.2
K22A				S	S	10 19 40.9	+3.5
Q24A	Divide	95.39	51	P	P	10 09 15.3	-0.3
Q24A				P	P	10 09 16.5	+0.3
Q24A				S	S	10 19 44.0	+5.7
T25A	Trinidad	95.50	53	P	P	10 09 15.7	-1.0
T25A				P	P	10 09 16.8	+0.1
HYB	Hyderabad	95.53	286	iP	P	10 09 16.0	-1.0
HYB				eP	eP	10 18 52.0	-0.2
HYB	Hyderabad (bro	95.53	286	eP	eP	10 09 16.1	-0.9
HYB				eP	eP	10 18 51.5	-0.8
C36M	Paulatuk	95.67	19	P	P	10 09 14.9	-1.4
C36M				I	I	10 09 17.8	
C36M	Paulatuk	95.67	19	P	P	10 09 15.1	-1.3
PHWY	Pilot Hill	95.75	49	P	P	10 09 17.0	-0.7
MSTX	Muleshoe	96.03	57	P	P	10 09 18.2	-0.8
MSTX				I	I	10 09 21.2	
MSTX	Muleshoe	96.03	57	P	P	10 09 18.9	-0.1
SRSP	Sriramsagar	96.07	288	eP	eP	10 09 18.7	-0.6
SRSP				eP	eP	10 11 37.4	-0.1
SRSP				eP	eP	10 12 36.6	-4.5
SRSP				eP	eP	10 12 57.2	-1.2
SRSP				eP	eP	10 18 52.8	-2.2
SRSP				eP	eP	10 19 19.6	-3.8
SRSP				eP	eP	10 19 39.7	
SRSP				eP	eP	10 21 11.3	+1.1
SRSP				eP	eP	10 21 16.2	+3.6
SRSP				eP	eP	10 21 57.7	+2.2
SRSP				eP	eP	10 23 50.9	-0.7
SRSP				eP	eP	10 25 52.1	-1.1
URV	Urvakonda	96.15	284	eP	eP	10 09 19.3	-0.5
URV				eP	eP	10 11 34.8	-3.2
URV				eP	eP	10 12 17.1	-4.7
URV				e	e	10 18 53.9	-1.6
URV				e	e	10 19 42.2	
URV				eP	eP	10 21 05.1	-6.1
URV				eP	eP	10 22 09.7	-3.2
URV				eP	eP	10 23 18.4	+0.2
URV				eP	eP	10 23 54.2	+1.4
URV				eP	eP	10 26 36.4	-1.6
URV				eP	eP	10 09 19.6	-0.7
YKA	Yellowknife Ar	96.51	27	P	P	10 11 39.0	+0.9
YKA				P	P	10 13 29.1	+2.9
YKA				P	P	10 13 52.3	-0.6
YKA				S	S	10 18 55.5	+0.2
YKA				S	S	10 26 01.1	-2.4

YKA	comp=Z,4.2nm,0.8s,baz=63,slow=2.5,SNR=10			SKKP	SKKP	10 28 38.0	-1.1
YKA	comp=Z,0.7nm,0.8s,baz=75,slow=2.2,SNR=2.6			SKPP	SKPP	10 34 15.3	+2.4
YKA	comp=Z,1.0nm,0.8s,baz=58,slow=2.3,SNR=7.5			SKPP	SKPP	10 34 15.3	+2.4
YKA	Yellowknife Ar	96.51	27	P	P	10 09 20.9	-0.1
YKA	LASA Array	96.56	44	P	P	10 11 46.0	
LAO				I	I	10 09 23.2	-0.6
AMTX	Amarillo	97.11	56	P	P	10 09 26.0	
AMTX				I	I	10 09 23.2	-0.6
KSCO	Kaye Shedlock	97.31	52	P	P	10 09 24.9	+0.3
RSSD	Black Hills	97.44	46	P	P	10 09 24.3	-0.9
RSSD				I	I	10 09 28.1	
RSSD	Black Hills	97.44	46	P	P	10 09 25.5	+0.3
RSSD				I	I	10 09 24.3	-0.9
KLRI	Killari	97.49	287	eP	eP	10 09 24.9	-0.8
KLRI				eP	eP	10 11 36.9	-7.2
KLRI				eP	eP	10 12 48.1	+0.5
KLRI				eP	eP	10 19 00.2	-2.0
KLRI				eP	eP	10 19 53.3	-3.0
833A	Chaparral WMA	97.56	63	P	P	10 09 27.1	+1.3
JCT	Junction City	97.69	61	P	P	10 09 26.5	+0.1
ABTX	Abilene, Hawle	98.28	59	P	P	10 09 28.3	-0.7
ABTX				I	I	10 09 32.2	
ABTX	Abilene, Hawle	98.28	59	P	P	10 09 29.1	+0.1
ABTX				I	I	10 09 32.2	
DGMT	Dagmar	98.32	42	P	P	10 09 29.5	+0.8
DGMT				I	I	10 09 30.1	-1.2
ZALV	Zalesovo Array	98.95	323	P	P	10 09 30.7	-0.6
ZALV	Zalesovo Beam	98.95	323	P	P	10 09 30.7	-0.6
ZALV				pP	pP	10 11 51.6	-1.9
ZALV	comp=Z,1.4nm,1.2s,baz=103,slow=4.7,SNR=4.8			PKKP	PKKP	10 13 57.4	-0.2
ZALV	comp=Z,1.3nm,0.5s,baz=122,slow=1.9,SNR=3.3			SKS	SKS	10 19 07.5	-0.3
ZALV	comp=Z,4.5nm,0.8s,baz=116,slow=3.4,SNR=5.5			PKKP	PKKP	10 25 55.5	-1.0
ZALV	comp=Z,1.5nm,0.4s,baz=285,slow=2.8,SNR=5.1			PKKP	PKKP	10 09 32.6	+0.7
MKAR	Makanchi Array	99.00	316	P	P	10 09 32.6	+0.7
MKAR				pP	pP	10 11 50.5	+0.2
MKAR	comp=Z,1.0nm,1.1s,baz=98,slow=5.0,SNR=4.9			PKKP	PKKP	10 13 57.4	-0.6
MKAR	comp=Z,1.2nm,0.4s,baz=121,slow=1.7,SNR=7.4			SKS	SKS	10 19 05.8	-2.7
MKAR	comp=Z,4.7nm,0.9s,baz=104,slow=6.1,SNR=8.0			PKKP	PKKP	10 25 54.4	-1.9
MKAR	comp=Z,0.9nm,0.4s,baz=267,slow=2.7,SNR=4.2			PKKP	PKKP	10 28 35.2	-2.3
MAKZ	Makanchi	99.21	316	P	P	10 09 31.2	-1.5
MAKZ				pmx	pmx	10 09 31.2	-1.5
MAKZ				pmx	pmx	10 09 34.9	+1.0
435B	Jarell	99.62	61	P	P	10 09 35.4	+0.6
435B				P	P	10 09 37.1	+0.8
WHX	Lake Whitney	99.66	60	P	P	10 09 39.9	-0.2
WHX				P	P	10 09 39.9	-0.2
FFC	Flin Flon	100.92	36	P	P	10 09 40.1	-0.2
FFC				P	P	10 09 40.1	-0.2
NRK	Norisk	101.05	39	P	P	10 09 42.4	+1.3
SUSD	Miller	101.08	47	P	P	10 09 42.4	+1.3
SUSD				P	P	10 09 41.9	+0.5
BLGNE	Belgrade	101.14	50	P	P	10 09 43.5	+0.7
PLCA	Paso Flores	101.41	138	P	P	10 14 03.4	+0.6
PLCA				P	P	10 14 03.4	+0.6
PLCA	comp=Z,2.5nm,1.0s,baz=249,slow=17,SNR=2.1			PKKP	PKKP	10 25 48.8	-0.8
PLCA	comp=Z,3.6nm,1.1s,baz=37,slow=1.5,SNR=4.1			PKKP	PKKP	10 09 46.7	+1.8
KSU1	Kansas State U	101.92	53	P	P	10 09 47.1	+1.6
TUL1	Leonard	102.03	56	P	P	10 09 45.4	+0.1
KURK	Kurchatov	102.09	319	eP	eP	10 09 45.1	-0.2
KURK				eP	eP	10 09 45.1	-0.2
KURK	Kurchatov Arra	102.13	319	P	P	10 09 45.1	-0.4
KURB				P	P	10 10 42.6	-0.8
KURB	comp=Z,1.6nm,0.6s,baz=112,slow=1.8,SNR=9.9			PKKP	PKKP	10 25 45.3	-2.1
KURB	comp=Z,2.1nm,0.8s,baz=284,slow=3.3						

5ra 11h

Table with columns: Wdr, Name, Time, Res, ISC. Includes Warramunga Arr, Alice Springs, Eielson Array, etc.

IDC 05 10:30:24.4:1.4, 14:76S:169:89E, h644km, 15km, mb3.6/1.4, mb1 3.8/1.6, mb1mx3.4/4.3, mbtmp4.6/1.6, Error ellipse: s-maj=16.0km s-min=13.9km az=176.0

NEIC 05 10:30:26.0:1.6, 14:85.0:1:169:89E.0:1, h654km, 8km, mb4.7/3.2, Error ellipse: s-maj=18.5km s-min=17.4km az=153.0

ISC 05 10:30:25.7:0.5, 14:84S:0:008:169:77E:0:008, h650km, n79, e1522/85, mb4.6/2.7, Vanuatu Islands

Main table for 5ra 11h section, listing station names, times, and residuals for various seismic events.

2013 MAR

Table for 2013 MAR section, listing station names, times, and residuals for various seismic events.

IDC 05 10:33:25.6:1.6, 60:71S:26:82W, h0km, mb4.1/3, mb1 4.2/4, mb1mx3.9/2.5, mbtmp4.0/4, ML3.5/1, Error ellipse: s-maj=64.4km s-min=34.4km az=38.0

ISC 05 10:33:28.2:0.9, 60:73S:0:2:26:9W:0:3, h19km, n10, e080/10, mb4.1/3, South Sandwich Islands region

Table for 2013 MAR section, listing station names, times, and residuals for various seismic events.

IDC 05 10:35:21.2:2.1, 60:48S:26:73W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/2.5, mbtmp4.0/3, Error ellipse: s-maj=102.6km s-min=47.9km az=2.0

ISC 05 10:35:23.2:0.9, 60:73S:0:2:26:8W:0:3, h20km, n9, e071/9, mb4.4/3, South Sandwich Islands region

Table for 2013 MAR section, listing station names, times, and residuals for various seismic events.

IDC 05 10:40:35.2:6.4, 5:03S:144:83E, h96km, 69km, mb3.3/5, mb1 3.6/7, mb1mx3.4/3.7, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=13.2km s-min=27.6km az=145.0

ISC 05 10:40:35.6:1.1, 5:05.0:1:144:8E:0:2, h100km, n7, e058/8, mb3.5/5, New Guinea

Table for 2013 MAR section, listing station names, times, and residuals for various seismic events.

IDC 05 11:13:57.3:5.0, 19:32S:169:30E, h152km, 57km, mb3.6/5, mb1 3.6/7, mb1mx3.5/3.5, mbtmp4.0/6, Error ellipse: s-maj=101.1km s-min=27.2km az=160.0

NEIC 05 11:14:00.2:1.7, 19:35S:0:1:169:30E:0:2, h178km, 8km, mb4.2/9, Error ellipse: s-maj=22.0km s-min=14.6km az=100.0

ISC 05 11:13:57.3:0.8, 19:35S:0:1:169:30E:0:1, h150km, n18, e1908/19, mb4.2/10, Vanuatu Islands

Main table for 2013 MAR section, listing station names, times, and residuals for various seismic events.

216

Table for 216 section, listing station names, times, and residuals for various seismic events.

NEIC 05 11:30:43.5:1.9, 21:9S:0:2:173:84W:0:0, h10km, 1km, mb4.8/1.9, Error ellipse: s-maj=31.5km s-min=14.6km az=176.0

IDC 05 11:30:44.7:0.7, 21:07S:174:74W, h0km, mb4.1/1.2, mb1 4.4/1.3, mb1mx4.3/2.8, mbtmp4.1/1.3, ML4.4/1, MS4.0/7, Ms1 4.0/7, ms1mx3.6/3.4, Error ellipse: s-maj=31.2km s-min=17.0km az=133.0

ISC 05 11:30:43.3:0.5, 22:15S:0:1:173:85W:0:008, h10km, n56, e1978/44, mb4.6/2.2, MS3.8/3, 2C, Tonga Islands region

Main table for 216 section, listing station names, times, and residuals for various seismic events.

5d 12h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MOL, KLNR, KLMR, etc.

2014 MAR

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

220

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BILL, Bilibino, BILIBINO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T35A, SDV, JMTT, YNE, NEW, etc.

BER 05 12:50:35.02.1, 59.82N, 9.87E, h0km, ML1.1, Suspected explosion, Southern Norway

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KONO, STRU, NA001, SKAR, etc.

ATH 05 13:13:46.0, 38.08N, 20.34E, h20km, ML3.4/12, Error ellipse: s-maj=2.0km s-min=1.0km az=46.0

THE 05 13:13:46.1, 38.08N, 20.29E, h4km, ML3.6/8, Error ellipse: s-maj=1.1km s-min=0.5km az=51.0

IDC 05 13:14:49.2, 3.37N, 191N, 20.34E, h36km, 27km, mb3.5/10, mb1.3/14, mb1mx3.5/44, mbtmp3.6/14, ML3.5/4, Error ellipse: s-maj=23.1km s-min=18.4km az=47.0

VIE 05 13:14:36.7, 42.66N, 21.41E, h0km, mb4.1/1, ML3.0/3 74 km N of Skopje

ISC 05 13:13:45.6-1.0, 38.08N, 0.03, 20.26E, 0.03, h15km, 6km, n69, r111/84, mb3.6/10, 4C-5D, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIP3, LXR4, ARG4, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LK02, LK20, PDO, RLS, etc.

IDC 05 13:20:05.0, 54.9, 66.84N, 44.26E, h0km, Error ellipse: s-maj=241.6km s-min=73.9km az=114.0, Baltic States-western Russia

WEL 05 13:35:29.6, 38.5N, 17.8E, 6.7, h98km, 86km, M2.3/10, ML2.1/5, ML2.3/10, Error ellipse: s-maj=0.1km s-min=0.1km az=43.7, Off east coast of North Island

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

Table with columns: THZ, Tophouse, 5.62 221 P, Pn, 13 36 41.7 -9.0

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

IDC 05 13:49:31.0, 3.2, 5.63S, 145.77E, h111km, 33km, mb3.2/6, mb1.3/9, mb1mx3.4/40, mbtmp3.7/9, MS3.4/1, Ms1.3/3, ms1mx2.6/21, Error ellipse: s-maj=27.4km s-min=24.0km az=0.0

ISC 05 13:49:30.0, 1.0, 5.55S, 145.7E, 0.2, h100km, n11, r157/12, mb3.5/6, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, CTA, SRI, WJA, etc.

IDC 05 13:50:44.7, 6.6, 61.02N, 57.98W, h0km, mb3.2/3, mb1.3/7, mb1mx3.3/66, mbtmp3.6/6, ML3.6/3, Error ellipse: s-maj=106.5km s-min=25.3km az=93.0

NEIC 05 13:50:46.9, 2.2, 60.3N, 0.1, 57.0W, 0.2, 1.8, h18km, 6km, mb4.2/26, ML4.0(OT)?, Error ellipse: s-maj=22.9km s-min=11.4km az=135.0

OTT 05 13:50:52.8, 0.2, 60.93N, 59.26W, h18km, ML4.0/7, LiberaRADOR Sea Seismic Zone. 306km east from Resolution Island, Nu

ISC 05 13:50:47.0, 6.0, 60.83N, 0.05, 58.97W, 0.06, h10km, n72, r283/83, Davis Strait

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

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
TUL1	baz=257			S	Sb	14 17 48.6	0.0
WMOK	Wichita Mounta	1.45	234	Pn	Pn	14 17 32.0	-1.4
WMOK	Wichita Mounta	1.45	234	Pn	Pn	14 17 32.0	-1.4
WMOK	baz=53			S	Sb	14 17 51.6	-1.1
T35A	Sooner Cattle	1.48	27	Pn	Pn	14 17 33.4	-1.1
U32A	Winter Ranch,	1.54	301	Pn	Pn	14 17 34.0	-0.6
X37A	Clayton	1.92	121	Pn	Pn	14 17 40.3	+0.5
Z35A	Perchaven, San	2.27	178	Pn	Pn	14 17 44.9	+0.3
U38A	Gravette	2.55	70	Pn	Pn	14 17 49.0	+0.6
HHAR	Hobbs	2.85	75	Pn	Pn	14 17 52.6	-0.1
W39A	Magazine	2.95	97	Pn	Pn	14 17 53.0	0.0
W39A	Magazine	2.95	97	P	P	14 17 54.2	+0.2
Z38A	Mt. Pleasant	3.05	139	Pn	Pn	14 17 56.2	+0.8
MIAR	Mount Ida	3.28	108	Pn	Pn	14 17 59.0	+0.5
MIAR	Mount Ida	3.28	108	P	P	14 17 60.0	+1.5
MIAR	baz=290			S	Sn	14 18 39.0	+1.3
ABTX	Ablene, Hawle	3.53	213	Pn	Pb	14 18 02.6	+0.7
ABTX	Ablene, Hawle	3.53	213	Pb	Pb	14 18 08.0	-1.4
WHTX	Lake Whitney,	3.60	181	Pn	Pn	14 18 03.0	0.0
WHTX	Lake Whitney,	3.60	181	Sb	Sb	14 18 56.8	+2.1
AMITX	Amarillo	3.61	260	Pn	Pn	14 18 02.7	-0.5
CBKS	Cedar Bluff	3.73	330	Pn	Pn	14 18 04.6	-0.1
U40A	Yellville	3.73	77	Pn	Pn	14 18 04.0	-0.7
Z37A	Waschetta, Mont	3.82	160	Pn	Pn	14 18 05.0	-0.9
S39A	Bolivar	3.85	56	Pn	Pn	14 18 06.1	-0.3
X40A	Basin Creek Fa	3.87	105	Pn	Pn	14 18 06.6	0.0
WLAR	White Oak Lake	3.99	117	Pn	Pn	14 18 08.1	-0.1
WHAR	Woolly Hollow	4.15	93	Pn	Pn	14 18 10.4	-0.1
UALR	University of	4.19	100	Pn	Pn	14 18 11.6	+0.6
W41B	Gary Mavity, V	4.20	94	P	P	14 18 11.2	+0.1
W41B	Gary Mavity, V	4.20	94	P	P	14 18 11.2	+0.1
W41B	baz=277			S	Sn	14 19 00.8	+0.4
FCAR	Ozark Folk Cen	4.47	85	Pn	Pn	14 18 11.2	-0.8
Z41A	Richland Creek	4.43	183	Pn	Pn	14 18 11.8	+0.5
LCAR	Lake Charles	5.06	63	Pn	Pn	14 18 21.8	-1.2
KCCO	Kaye Shedlock	5.40	311	Pn	Pn	14 18 25.8	-2.0
CCM	Cathedral Cave	5.48	62	Pn	Pn	14 18 28.5	-0.2
JCT	Junction City	5.51	203	Pn	Pn	14 18 28.1	-1.1
BGNE	Belgrade	6.48	327	Pn	Pn	14 18 32.9	-0.7
T25A	Trinidad	6.85	287	P	P	14 18 34.2	0.4
T25A	Trinidad	6.85	287	P	P	14 18 34.9	+0.2
OGNE	Ogallala	6.48	327	Pn	Pn	14 18 42.3	-0.3
OXF	Oxford	6.61	97	Pn	Pn	14 18 44.0	-0.2
SDCO	Great Sand Dun	6.45	290	Pn	Pn	14 18 43.8	+0.9
Q24A	Divide	7.06	301	Pn	Pn	14 18 49.3	-1.4
Q24A	Divide	7.06	301	Pn	Pn	14 18 50.7	-0.1
ANMO	Albuquerque	7.47	268	Pg	Pb	14 19 19.9	+3.2
ANMO	0.3nm,0.3s,ba	z=84,slow=17,SNR=3.7		Lg	Lg	14 20 58.6	
ANMO	1.6nm,0.3s,ba	z=348,slow=18,SNR=4.2		Lg	Lg	14 20 58.6	
ISCO	Idaho Springs	7.77	305	P	P	14 19 00.7	+0.2
LA0A	Anamosa	8.03	35	Pn	Pn	14 19 02.4	-1.3
ECSD	EROS Data Cent	8.14	4	Pn	Pn	14 19 04.5	-0.8
TX31	Lajitas Arr	8.21	222	Pn	Pn	14 19 04.8	-1.7
TX32	Lajitas Arr	8.21	222	Pn	Pn	14 19 04.8	-1.7
TXAR	Lajitas Array	8.21	222	Pn	Pn	14 19 04.9	-1.5
TXAR	0.2nm,0.3s,ba	z=42,slow=12,SNR=3.3		Pg	Pb	14 19 33.4	+4.0
TXAR	1.8nm,0.3s,ba	z=62,slow=16,SNR=2.2		Pg	Pb	14 19 33.4	+4.0
TXAR	1.7nm,0.3s,ba	z=45,slow=25,SNR=6.8		Lg	Lg	14 21 20.8	
N23A	Red Feather La	8.57	311	Pn	Pn	14 19 10.3	-1.2
N23A	Red Feather La	8.57	311	Pn	Pn	14 19 11.9	+0.5
TKL	Tuckaleechee C	11.06	86	Lg	Lg	14 22 52.1	
PDAR	Pinedale Array	11.86	311	Pn	Pn	14 19 54.0	-2.3
PDAR	0.1nm,0.3s,ba	z=120,slow=10,SNR=3.6		Pg	Pg	14 20 44.5	
PDAR	0.3nm,0.3s,ba	z=104,slow=16,SNR=6.6		Lg	Lg	14 20 44.5	
PDAR	0.3nm,0.3s,ba	z=114,slow=19,SNR=8.2		Lg	Lg	14 20 44.5	
ULM	Lac du Bonnet	14.68	4	Pn	Pn	14 20 29.1	-5.6
ULM	0.1nm,0.3s,ba	z=143,slow=15,SNR=1.3		Lg	Lg	14 24 39.9	
ULM	0.5nm,0.3s,ba	z=283,slow=23,SNR=4.6		Lg	Lg	14 24 39.9	
SADO	Sadowa	16.63	51	Lg	Lg	14 25 44.5	
SADO	0.4nm,0.3s,ba	z=286,slow=3.6,SNR=3.4		Lg	Lg	14 25 44.5	

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
NOARSAR	ARRAY B151.03	351	PKPbc	PKIKP	14 41 28.9	+0.9	
AKAO	comp=Z,1.4nm,0.7s,ba	z=14,slow=4.2,SNR=5.8			14 41 31.9	-0.5	
NOARSAR	Main Array Be	153.15	320	PKPbc	PKPbc	14 41 31.9	-0.5
BRTR	Keelin Array B	153.69	294	PKPbc	PKIKP	14 41 35.1	+0.8
TORD	Torodi Arr B	160.53	179	PKP	PKPfd	14 41 36.5	+0.9
TORD	comp=Z,0.2nm,0.5s,ba	z=207,slow=4.2,SNR=1.7		PKPab	PKPab	14 42 18.1	+1.5
TORD	comp=Z,0.8nm,0.7s,ba	z=157,slow=2.9,SNR=4.5		PKPab	PKPab	14 42 18.1	+1.5

IDC 05 14:22:54.4+23.0,57.63N,31.96E, h0km, Error ellipse:
s-maj=104.1km s-min=53.5km az=119.0, Baltic
States-Belarus-Northwestern Russia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
I43RU	DUBNA INFRASON	3.01	105	i	ISC	14 46 00.0	
I37NO	I37NO	12.90	338	i	ISC	15 35 18.9	
I31KZ	AKTYUBINSK INF	16.87	104	i	ISC	16 00 10.0	
I31KZ	baz=288,slow=378,SNR=0.3						
I31KZ	baz=55,slow=329,SNR=0.5						
I31KZ	baz=306,slow=322,SNR=3.0						

NIED 05 14:32:00.40,10N,142.50E,h5km,Mw3.5 Best double
couple: M2.25000x104, P111x159,00000,387,00000,
7,448,0000, NP22x45,00000,842,00000,1,175,00000,
JMA 05 14:32:29.20,1.0,140,12N,142.49E,h27km,1km,M3.6
IDC 05 14:32:38.0,2.3,40,76N,141.04E,h17km,23km,mb3.0/6,
mb1 3.3/8,mb1mx3.1/51,mbtm3.3/8,Error ellipse:
s-maj=40.8km s-min=14.9km az=110.0
ISC 05 14:32:30.2,1.7,40,12N,10.04,142.41E,0.08,h26km,13km,
n24,+c198/23,mb3.4/6,Near east coast of eastern
Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
JTH	Tanohata	0.46	247	Op	ISC	14 32 39.7	0.0
JTH				S	Sb	14 32 47.2	+1.0
JKEN	Kujedananisaw	0.54	279	P	Sb	14 32 40.8	-0.4
MJNV				S	Sb	14 32 49.0	+0.4
MJNV	Miyakonagasawa	0.71	220	P	Sb	14 32 43.1	-0.8
MJVI				S	Sb	14 33 04.0	+0.4
JANG	Nango	0.73	291	P	Sb	14 32 43.7	-0.6
JANG				S	Sb	14 32 53.7	-0.2
KJK	Kuzumaki	0.84	261	P	Sb	14 32 45.9	+0.8
JKZ				S	Sb	14 32 49.4	-0.2
JOM	Ohasama	1.08	233	eS	Sb	14 33 04.0	+0.4
OFUJ	Ofunato	1.19	209	P	Sb	14 32 50.6	-0.5
JARK	Aomoriokkasho	1.19	318	P	Sb	14 32 51.0	-0.1
JARK				S	Sb	14 32 51.0	-0.1
JTM	Temnabayashi	1.22	303	P	Sb	14 32 51.8	+0.3
JTH				S	Sb	14 32 52.4	+0.6
JAH	Hinai	1.36	273	P	Sb	14 33 12.9	+0.9
ASAJ	Asahikawa	4.00	2	P	Sb	14 33 31.1	+1.5
ASAJ	2.3nm,0.3s,ba	z=202,slow=12,SNR=3.2		S	Sn	14 34 12.2	-3.4
ASAJ	baz=318,slow=30,SNR=0.9			S	Sn	14 34 12.2	-3.4
MJAR	Matsushiro Arr	4.87	224	P	Pn	14 33 46.0	+4.4
SEY	Seymchan	23.62	11	T	T	14 37 38.0	-0.8
H12N	WAKE ISLAND Hy	29.22	127	T	T	15 08 58.3	
H12N	baz=320,slow=76,SNR=87			T	T	15 09 18.5	
H11N1	WAKE ISLAND Hy	29.23	127	T	T	15 09 18.5	
H11N1	baz=320,slow=76,SNR=293			T	T	15 09 18.5	
H11N3	WAKE ISLAND Hy	29.23	127	T	T	15 09 19.5	
H11N3	baz=320,slow=76,SNR=59			T	T	15 09 19.5	
H11S1	WAKE ISLAND Hy	30.03	129	T	T	15 10 00.5	
H11S1	baz=322,slow=76,SNR=16			T	T	15 10 10.9	
H11S3	WAKE ISLAND Hy	30.03	129	T	T	15 10 10.9	
H11S3	baz=322,slow=76,SNR=13			T	T	15 10 14.1	
H11S2	WAKE ISLAND Hy	30.05	129	T	T	15 10 14.1	
H11S2	baz=322,slow=76,SNR=13			T	T	14 40 22.1	-6.8
MKAR	Makanchi Array	43.21	300	P	P	14 40 22.1	-6.8
MKAR	0.3nm,0.8s,ba	z=97,slow=2.6,SNR=3.6		P	P	14 40 58.4	+3.7
ILAR	Eielson Array	46.49	34	P	P	14 42 42.2	+6.2
WRA	Warramunga Arr	60.72	189	P	P	14 42 42.2	+6.2
WRA	0.5nm,0.9s,ba	z=209,slow=5.5,SNR=5.5		P	P	14 42 40.9	+1.7
YKA	Yellowknife Ar	60.76	31	P	P	14 43 07.2	+6.2
ASAR	Alice Springs	63.95	189	P	P	14 43 07.2	+6.2
ASAR	0.3nm,0.9s,ba	z=359,slow=3.7,SNR=4.2		P	P	14 43 07.2	+6.2

IDC 05 14:40:28.64,7.1,25.36N,99.30W,h0km,mb3.3/2,
mb1 3.7/6,mb1mx3.5/33,mbtm3.3/6,ML3.9/4,MS3.0/10,
Ms1 3.0/10,ms1mx2.9/28,Error ellipse: s-maj=150.8km
s-min=21.0km az=38.0
NEIC 05 14:40:31.1,7.25,54N,10.03,99.28W,0.02,h10km,2km,
mb4.3/5,Md4.2/6(MEX),Mw3.9/13(SLM),Error ellipse:
s-maj=5.8km s-min=3.4km az=187.0, Moment Tensor
Solution. Moment tensor: Scale 10¹⁹Nm, M=6.42;
Mw=0.97; Mw5.45; Mw2.00; Mw5.50; Mw5.58; Fault
plane solution: M1:020000-1015; NP1:175.00000;
665.00000; -1.55.00000; NP2:296.00000; 842.00000;
-1.41.00000; Principal axes: T 10.2351, P1g13.0000;
Az=240.0000; -N -0.0049, P1g31.0000; Azm338.0000;
P -10.2303, P1g55.0000; Azm131.0000;

MEX 05 14:40:32.9,0.6,25.49N,99.47W,h3km,MD4.2
ANF 05 14:40:37.9,2.0,25.89N,99.16W,h3km,ML4.8/3,Error
ellipse: s-maj=20.1km s-min=11.2km az=145.0
ISC 05 14:40:34.0,0.6,25.60N,100.04,99.28W,0.05,h10km,n58,
c2906/61,Northern Mexico

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
LNG	Linares	0.72	193	eP	Pg	14 40 43.8	-0.6
LNG				iS	Sg	14 40 52.5	-1.3
LNG	Linares	0.72	193	P	Sg	14 40 43.8	-0.6
LNG				S	Sg	14 40 52.5	-1.3
MNIG	Monterrey	0.91	271	eP	Sg	14 40 45.7	-2.3
MNIG				eS	Sg	14 40 57.5	-2.4
KVXT	Kingsville	2.30	32	eP	Pb	14 41 10.9	-1.1
KVXT	Kingsville	2.30	32	Pn	Pb	14 41 10.8	-1.1
KVXT				Pn	Pb	14 41 11.1	+2.6
835A	Chaparral WMA,	2.71	358	P	Pb	14 41 16.4	+2.3
835A	Chaparral WMA,	2.71	358	P	Pb	14 41 17.2	-1.8
ZAIG	Zacatecas	4.12	227	Pn	Pn	14 41 34.1	+0.4
JCT	Junction City	4.88	355	iP	Pn	14 41 46.9	+2.9
JCT	Junction City	4.88	355	P	Pn	14 41 46.8	+2.5
JCT	Junction City	4.88	355	P	Pn	14 41 46.8	+2.9
JCT	baz=174,SNR=48			S	Sn	14 42 41.8	+2.1
435B	baz=174						
435B	Jarrell	5.37	16	Pn	Pn	14 41 52.5	+1.8
435B							

Table with columns: Station, Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like Kodiak Island, Purkeypile, Skwentna, Karatay Array, etc.

Table with columns: Station, Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like KBL, Mentasta, Gilahina Butte, Honolulu, etc.

Table with columns: Station, Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like BANOM, JMDO, TULEG, UOSS, etc.

5d 15h

SUMG	comp=Z,26nm,1.7s	I	Amb	I	Amb	15 16 14.1
E09A	Wood Farm, Sta	76.36	44	P	P	15 13 54.2 +1.1
E09A	comp=Z,16nm,0.9s	I	Amb	I	Amb	15 13 55.3
KCPM	Cahto Peak	76.36	52	P	P	15 13 54.6 +1.2
M04C	Macedoel	76.47	49	P	P	15 13 55.7 +1.7
WDC	Whiskeytown Da	76.61	51	P	P	15 13 55.5 +0.9
WDC	comp=Z,11nm,1.1s	I	Amb	I	Amb	15 13 56.3
WDC	Whiskeytown Da	76.61	51	P	P	15 13 55.5 +0.9
WDC	comp=Z,11nm,1.1s	I	Amb	I	Amb	15 13 56.3
I07A	zse	76.79	46	P	P	15 13 56.8 +1.1
ABTO	Aybut	76.96	282	P	P	15 13 56.8 -0.2
AKASG	Malin Array Be	77.13	322	P	P	15 13 57.2 -0.1
AKASG	comp=Z,19nm,0.5s,baz=51,slow=6.0,SNR=86	I	Amb	I	Amb	15 16 54.1 -2.4
AKASG	Malin Array Be	77.13	322	P	P	15 13 57.0 -0.2
AKKB	Malin Array Si	77.13	322	P	P	15 13 56.9 -0.3
AKKB	comp=Z,28nm,0.7s	I	Amb	I	Amb	15 13 56.9 -0.3
F10A	Beach Ranch, E	77.13	422	P	P	15 13 59.0 +1.2
O03E	Paynes Creek	77.25	51	P	P	15 13 59.1 +0.9
MOD	Modoc Plateau	77.41	49	P	P	15 13 59.6 +0.4
MOD	comp=Z,9.8nm,0.9s	I	Amb	I	Amb	15 14 01.2
WALA	Waterton Lakes	77.41	40	P	P	15 13 59.9 +0.9
WALA	comp=Z,16nm,0.7s	I	Amb	I	Amb	15 14 00.9
BMO	Blue Mountains	77.73	45	P	P	15 14 01.6 +0.8
BMO	comp=Z,11nm,0.9s	I	Amb	I	Amb	15 14 01.6 +0.8
BMO	Blue Mountains	77.73	45	P	P	15 14 01.6 +0.8
BMO	comp=Z,11nm,0.9s	I	Amb	I	Amb	15 14 02.8
J08A	Circle Bar Ran	77.81	47	P	P	15 14 02.5 +1.3
ORV	Oroville	77.82	51	P	P	15 14 01.5 +0.2
ORV	comp=Z,10.0nm,1.1s	I	Amb	I	Amb	15 14 02.7
ORV	Oroville	77.82	51	P	P	15 14 01.5 +0.2
ORV	comp=Z,9.6nm,1.1s	I	Amb	I	Amb	15 14 03.9
JTMT	Jette	77.93	41	P	P	15 14 02.8 +0.9
JTMT	comp=Z,17nm,1.1s	I	Amb	I	Amb	15 14 03.9
HFS	Hagfors	78.12	335	P	P	15 14 02.4 -0.1
HFS	comp=Z,10nm,0.7s,baz=98,slow=4.5,SNR=9.9	I	Amb	I	Amb	15 14 02.5 0.0
NC405	NORSAR Array B	78.12	337	P	P	15 14 02.5 0.0
WVOR	Wild Horse Val	78.19	47	P	P	15 14 04.3 +0.9
WVOR	comp=Z,12nm,1.0s	I	Amb	I	Amb	15 14 05.5
WVOR	Wild Horse Val	78.19	47	P	P	15 14 04.2 +0.9
WVOR	comp=Z,12nm,1.0s	I	Amb	I	Amb	15 14 05.5
SUW	Suwalki	78.20	327	eP	P	15 14 03.3 +0.3
SUW	Suwalki	78.20	327	eP	P	15 14 03.3 +0.3
SUW	Suwalki	78.20	327	eP	P	15 14 03.1 +0.1
DOMB	Dombs	78.32	338	eP	P	15 14 03.2 -0.4
NC204	NORSAR Array S	78.32	337	P	P	15 14 03.7 0.0
NB2	NORSAR Subarra	78.34	337	P	P	15 14 03.3 -0.5
NB2	comp=Z,2.2nm,0.5s,baz=43,slow=5.3	I	Amb	I	Amb	15 14 03.3 -0.5
NORSAR	Subarra	78.34	337	P	P	15 14 03.3 -0.5
NOA	NORSAR Array B	78.34	337	P	P	15 14 03.4 -0.3
NOA	comp=Z,1.9nm,0.7s,baz=49,slow=4.8,SNR=4.0	I	Amb	I	Amb	15 14 05.2 +0.5
BEKR	Beckworth	78.42	50	P	P	15 14 06.4
BEKR	comp=Z,13nm,0.8s	I	Amb	I	Amb	15 14 05.2 +0.3
AFDM	Forest Hills D	78.48	51	P	P	15 14 05.2 +0.3
BKZ	Black Stump Fm	78.69	151	P	P	15 14 06.1 +0.2
SOCY	Socotra	78.91	278	P	P	15 14 05.8 -1.9
SORM	Soroca	79.05	320	eP	P	15 14 07.9 +0.1
PAHR	Pah Rah Range	79.14	50	P	P	15 14 09.1 +0.5
PAHR	comp=Z,6.8nm,0.7s	I	Amb	I	Amb	15 14 09.9
BZK	Bozkurt	79.14	313	eP	P	15 14 09.1 +0.7
NNZ	Nelson	79.20	154	P	P	15 14 09.0 +0.6
PNTR	Pine Nut	79.32	51	P	P	15 14 10.6 +0.9
PNTR	comp=Z,8.8nm,0.6s	I	Amb	I	Amb	15 14 13.7
CMB	Columbia Colle	79.35	52	P	P	15 14 10.3 +0.7
CMB	comp=Z,44nm,1.9s	I	Amb	I	Amb	15 14 11.4
CMB	Columbia Colle	79.35	52	P	P	15 14 10.3 +0.7
CMB	comp=Z,44nm,1.9s	I	Amb	I	Amb	15 14 11.4
MFID	Camas Ranch	79.40	45	P	P	15 14 10.9 +1.0
MFID	comp=Z,13nm,1.0s	I	Amb	I	Amb	15 14 12.1
ILULI	Ilulissat	79.46	3	P	P	15 14 10.4 +0.9
ILULI	comp=Z,27nm,1.1s	I	Amb	I	Amb	15 14 12.2
ILULI	Ilulissat	79.46	3	P	P	15 14 10.4 +0.9
ILULI	comp=Z,27nm,1.1s	I	Amb	I	Amb	15 14 12.2
GAZ	Gaziantep	79.57	307	P	P	15 14 11.7 +0.8
GAZ	comp=Z,18nm,1.0s	I	Amb	I	Amb	15 14 12.6
YERR	Yerington	79.61	51	P	P	15 14 12.0 +0.8
YERR	comp=Z,12nm,1.1s	I	Amb	I	Amb	15 14 13.2
WAKR	Walker	79.74	51	P	P	15 14 12.8 +0.9
ILGA	ilgaz	79.81	312	P	P	15 14 13.2 +0.9
ILGA	comp=Z,18nm,0.8s	I	Amb	I	Amb	15 14 14.3
FFC	Flin Flon	79.88	31	P	P	15 14 11.7 -0.3
FFC	comp=Z,18nm,1.4s	I	Amb	I	Amb	15 14 13.2
FFC	Flin Flon	79.88	31	P	P	15 14 11.7 -0.3
FFC	comp=Z,18nm,1.4s	I	Amb	I	Amb	15 14 13.2
HRY	Holler Researc	79.89	41	P	P	15 14 13.3 +0.9
DLMT	Dillon	80.23	43	P	P	15 14 15.4 +1.1
DLMT	comp=Z,15nm,0.7s	I	Amb	I	Amb	15 14 16.2
EGMT	Eagleton	80.27	39	P	P	15 14 14.9 +0.6
EGMT	comp=Z,20nm,0.9s	I	Amb	I	Amb	15 14 16.1
EGMT	Eagleton	80.27	39	P	P	15 14 15.3 +0.9
EGMT	comp=Z,20nm,0.9s	I	Amb	I	Amb	15 14 16.1
RYN	Ryan	80.32	51	P	P	15 14 15.4 +0.7
KVN	Kaiserville	80.33	50	P	P	15 14 15.7 +0.7
KVN	comp=Z,10.0nm,0.9s	I	Amb	I	Amb	15 14 15.7 +0.7
KVN	Kaiserville	80.33	50	P	P	15 14 15.7 +0.7
KVN	comp=Z,10.0nm,0.9s	I	Amb	I	Amb	15 14 15.7 +0.7
MCMT	McKenzie Canyo	80.39	43	P	P	15 14 15.6 +0.3
TLCR	Dillon	80.49	317	eP	P	15 14 15.9 +0.4
NVAR	Minna Array Ba	80.53	51	P	P	15 14 16.7 +0.5
BIR	Birdland	80.54	319	eP	P	15 14 16.8 +1.1
BIR	comp=Z,4.5nm,0.6s,baz=294,slow=5.4,SNR=34	I	Amb	I	Amb	15 14 18.3 +0.6
BR131	Keekin Array S	80.58	311	P	P	15 14 17.1 +0.8
BR131	comp=Z,14nm,0.8s	I	Amb	I	Amb	15 14 16.3 0.0
BR131	Keekin Array S	80.58	311	P	P	15 14 16.3 0.0
BR131	comp=Z,14nm,0.8s	I	Amb	I	Amb	15 14 16.3 0.0
BR131	Keekin Array S	80.58	311	P	P	15 14 16.3 0.0
BR131	comp=Z,14nm,0.8s	I	Amb	I	Amb	15 14 16.3 0.0
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6
BRTR	Keekin Array B	80.58	311	P	P	15 14 16.5 +0.2
BRTR	comp=Z,11nm,0.7s,baz=106,slow=4.1,SNR=57	I	Amb	I	Amb	15 15 43.0 +1.6

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, Las Esperanzas, ESNP, Cosiguina Volc.

WEL 05 16:36:57.3, 40°S, 177°E, h39km, 19km, M2.5/10, ML2.6/10, Mkvz=2.5/10, Error ellipse: s-maj=0.0km s-min=0.0km az=69.7, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUWZ, KIW, WAZ, Otaki Gorge, etc.

NEIC 05 16:39:01.3, 1.2, 25.85, 0.1, 177.6W, 0.2, h149km, 5km, mb4.5/11, Error ellipse: s-maj=21.0km s-min=13.4km az=110.0

IDC 05 16:39:02.1, 3.2, 25.83, 177.64W, h155km, 32km, mb3.7/8, mb1.4/0.9, mb1mx3.8/27, mbtmpr4.2/9, Error ellipse: s-maj=34.6km s-min=9.9km az=162.0

ISC 05 16:39:01.3, 0.6, 25.84, 0.0, 177.77W, 0.1, h150km, n38, s=112/38, mb4.2/14, South of Fiji Islands

Main table for station 229, listing various stations like RAO Raoul Island, WRA Warramunga Arr, etc. with their respective coordinates and data.

IDC 05 17:16:27.0, 7.5, 16.83N, 98.88W, h0km, mb3.5/4, mb1.3/8.5, mb1mx3.6/40, mbtmpr3.4/5, MS3.1/2, Ms1.3/1.2, ms1mx2.6/35, Error ellipse: s-maj=169.6km s-min=28.6km az=17.0

MEX 05 17:16:28.7, 0.6, 16.55N, 99.17W, h3km, 5km, MD4.0, ISC 05 17:16:27.2, 1.3, 16.80N, 0.05, 99.9W, 0.03, h1km, 9km, n21, s=1151/33, mb3.5/4, Near coast of Guerrero

Table for station 229, listing stations like ACP2, CAIG, HMTT, etc. with their respective coordinates and data.

Table for station 24 MAR, listing stations like NVAR Mina Array Bea, PDAR Pinedale Array, etc. with their respective coordinates and data.

IDC 05 17:29:15.9, 1.7, 14.23N, 92.84W, h0km, mb3.8/5, mb1.4/0.9, mb1mx3.7/49, mbtmpr3.8/9, ML3.6/4, MS2.7/2, Ms1.2/7.2, ms1mx2.4/45, Error ellipse: s-maj=34.6km s-min=15.6km az=9.0

NEIC 05 17:29:18.6, 2.4, 14.19N, 0.06, 92.87W, 0.05, h21km, 9km, mb4.2/5, Md3.8/16(MEX), Error ellipse: s-maj=6.9km s-min=6.9km az=196.0

MEX 05 17:29:20.7, 0.7, 14.14N, 92.93W, h16km, 41km, MD3.8, GCG 05 17:29:20.6, 0.6, 14.07N, 92.64W, h88km, 36km, MD4.2, ISC 05 17:29:20.6, 0.9, 14.18N, 0.07, 92.87W, 0.06, h37km, n35, s=116/48, mb4.1/7, Near coast of Chiapas

Main table for station 24 MAR, listing various stations like THIG, ERG, STG3, etc. with their respective coordinates and data.

MOS 05 17:34:19.7, 1.1, 14.79S, 167.19E, h119km, mb5.2/13, Error ellipse: s-maj=8.5km s-min=7.2km az=118.7

BUI 05 17:34:19.9, 0.0, 14.28S, 167.49E, h114km, Mb5.2/49, h4.0/9.62, NEIC 05 17:34:19.6, 1.8, 14.80S, 0.07, 167.26E, 0.07, h11km, 3km, mb5.2/125, Mwb5.6/29, Mwc5.6(GMCT), Error ellipse: s-maj=10.7km s-min=9.9km az=138.0

IDC 05 17:34:19.4, 0.3, 14.75S, 167.24E, h105km, 2km, mb4.7/32, mb1.4/7.34, mb1mx4.7/45, mbtmpr5.1/34, MS4.3/29, Ms1.4/3.29, ms1mx2.4/46, Error ellipse: s-maj=8.6km s-min=8.2km az=109.0

NEIC 05 17:34:20.3, 14.78S, 167.18E, h103km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.07; Mw=0.55; Ms=0.48; Mv=2.13; Mw=1.95; Mw=0.19; Fault plane solution: M2.940000*10^17 NP1.96520000*10^17, 359.350000, -46.730000. NP2.0187210000*10^17, 843.280000*10^17, 0.000000. Principal axes: T 2.9854, Plg30.000000*10^17, 152.000000*10^17, -0.0976, Plg43.000000*10^17, 276.000000*10^17; N -0.0976, Plg43.000000*10^17, 276.000000*10^17; P -2.8878, Plg32.000000*10^17, Azm41.000000*10^17

GCMT 05 17:34:21.6, 0.1, 14.83S, 0.01, 167.03E, 0.01, h118km, 1km, MW5.5/50, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.15; Mw=0.62; Ms=0.47; Mv=2.09; Mw=1.68; Mw=0.41; Fault plane solution: M2.700000*10^17 NP1.98900000*10^17, 888.000000*10^17, 50.000000*10^17. Principal axes: T 2.6190, Plg31.000000*10^17, 157.000000*10^17, 0.0720, Plg40.000000*10^17, 277.000000*10^17, -2.6910, Plg35.000000*10^17, Azm43.000000*10^17; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 05 17:34:22.1, 8.48S, 167.04E, h119km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.15; Mw=0.62; Ms=0.47; Mv=2.09; Mw=1.68; Mw=0.41; Fault plane solution: M2.700000*10^17 NP1.98900000*10^17, 888.000000*10^17, 50.000000*10^17. Principal axes: T 2.7405, Plg31.000000*10^17, 157.000000*10^17, 0.0600, Plg40.000000*10^17, 276.000000*10^17; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 17:34:19.7, 0.2, 14.83S, 0.04, 167.22E, 0.04, h108km, 1km, h109km, pP, n431, s=126/529, mb5.1/131, 5C-16D, Vanuatu Islands

Table for station 24 MAR, listing stations like DZM, DZM, DZM, etc. with their respective coordinates and data.

Main table for station 5d 17h, listing various stations like DZM, HNR, HNR, etc. with their respective coordinates and data.

IDC 05 17:45:40.8,1.3, 14.62S; 169.95E, h631km, 14km, mb3.6/17, mb1.3/8.19, mb1mx3.4/60, mbtmp4.6/19, Error ellipse: s-maj=16.5km s-min=14.3km az=15.0 NEIC 05 17:45:40.3,1.7, 14.6S; 0.2:170.0E; 0.1, h627km, 12km, mb4.7/32, Error ellipse: s-maj=22.2km s-min=18.7km az=202.0

ISC 05 17:45:39.9,0.6, 14.52S; 0.09:169.83E; 0.08, h614km, n63, 0:1966/70, mb4.6/30, 1D, Vanuatu Islands

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

Table with columns: SRIG, Santa Rosalia, 0.81 178, Pg, 17 51 23.5 -1.3. Lists 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.

MEX 05 17:51:08.9,0.3, 28.19N; 112.48W, h9km, 4km, MD4.4 IDC 05 17:51:08.1, 1.7, 28.09N; 112.15W, h0km, mb3.6/5, mb1.3/8.11, mb1mx3.7/52, mbtmp3.5/11, ML3.6/5, MS3.9/10, Ms1.3/9.2, mb1mx3.6/40, Error ellipse: s-maj=26.1km s-min=14.7km az=35.0

IDC 05 17:58:17.9,0.7, 2.80S; 139.57E, h0km, mb3.9/13, mb1.4/1.17, mb1mx1.0/34, mbtmp4.0/17, ML3.9/3, MS4.1/9, Ms1.4/1.9, ms1mx3.6/40, Error ellipse: s-maj=24.0km s-min=14.0km az=60.0

JMA 05 18:15:35.9,0.2, 38.25N; 144.48E, h43km, M4.1, Off east coast of Honshu

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

Table with columns: JRV, JRY, NEM2, NEM2, MAT, JTKR, JTKR, JHR, JHR. Includes station names like Ryogami san, Nemuro 2, Matsushiro, Abashiri-Toko, Hokuryu.

IDC 05 18:25:28.6:1.1, 42.25N:126.53W, h0km, mb3.5/5, mb1 3.7/8, mb1mx3.5/60, mbtmp3.4/8, ML3.2/3, MS3.1/4, Ms1 3.1/4, ms1mx2.8/42, Error ellipse: s-maj=42.1km s-min=13.0km az=34.0

NEIC 05 18:25:28.6:1.1, 42.25N:126.53W:0.1, h10km, 2km, mb3.4/7, Error ellipse: s-maj=18.5km s-min=4.0km az=271.0

ISC 05 18:25:29.0:1.1, 42.27N:126.70W:0.1, h10km, n37, e117/31, mb3.5/7, Off coast of Oregon

Main table for station data on the left page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like KBO, KEBM, KRMB, etc.

NEIC 05 18:25:46.0:1.8, 13.62N:0.1x90.66W:0.08, h56km, 27km, Error ellipse: s-maj=21.2km s-min=7.3km az=204.0

GCG 05 18:25:47.2:0.4, 13.63N:90.72W, h28km, 2km, ML3.7 SNET 05 18:25:48.9:0.9, 13.75N:90.47W, h31km, 12km, ML3.5 UCR 05 18:25:49.1:1.1, 13.75N:90.46W, h31km, 14km, ML3.6

ISC 05 18:25:47.1:1.8, 13.58N:0.08:90.64W:0.05, h31km, 14km, n27, e142/36, Near coast of Guatemala

Main table for station data on the left page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like IXG, KXG, KXG, etc.

IDC 05 18:37:36.1:5.2, 36.31N:70.41E, h197km, 43km, mb3.0/7, mb1 3.1/11, mb1mx3.9/62, mbtmp3.6/11, Error ellipse: s-maj=40.7km s-min=21.6km az=36.0

NNC 05 18:37:45.2:5.7, 19N:69.98E, h246km, 73km, mb2.5, mpv3.6, Error ellipse: s-maj=60.2km s-min=34.1km az=5.0

ISC 05 18:37:37.1:1.1, 36.5N:0.1x70.3E:0.1, h200km, n24, e180/29, mb3.2/6, Hindu Kush region

Main table for station data on the right page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like KZA, AAK, AAK, etc.

Main table for station data on the right page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like KZA, AAK, AAK, etc.

IDC 05 18:40:25.6:3.9, 38.08N:20.24E, h0km, mb3.5/2, mb1 3.5/5, mb1mx3.2/66, mbtmp3.3/5, ML3.0/3, Error ellipse: s-maj=67.3km s-min=28.8km az=52.0

THE 05 18:40:27.8, 38.14N:20.44E, h16km, ML3.4/3, Error ellipse: s-maj=1.6km s-min=0.6km az=59.0

ISC 05 18:40:27.5:1.6, 38.10N:20.00E:0.10, h11km, n10, e151/14, Greece

Main table for station data on the right page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like VLS, VLS, KFL, etc.

IDC 05 18:42:02.0:0.9, 38.33N:20.54E, h0km, mb3.6/9, mb1 3.7/17, mb1mx3.6/67, mbtmp3.6/17, ML3.6/5, Error ellipse: s-maj=17.9km s-min=14.8km az=41.0

ATH 05 18:42:02.8, 38.14N:20.42E, h16km, ML3.9/12, Error ellipse: s-maj=1.7km s-min=0.8km az=250.0

MOS 05 18:42:03.5:2.0, 38.37N:20.18E, h12km, mb4.3/3, Error ellipse: s-maj=11.7km s-min=8.7km az=79.4

THE 05 18:42:03.4, 38.15N:20.42E, h10km, ML4.1/8, Error ellipse: s-maj=0.9km s-min=0.3km az=57.0

PDG 05 18:42:04.6:0.7, 38.18N:20.25E, h31km, 2km, ML4.1/11, Error ellipse: s-maj=2.0km s-min=1.6km az=30.0

ISC 05 18:42:03.7:0.6, 38.20N:0.02:20.41E:0.03, h15km, 3km, n153, e208/185, mb3.8/11, 11C-23D, Greece

Main table for station data on the right page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like LXRA, LXRFA, etc.

Main table for station data on the right page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like RLS, PVO, PVO, etc.

IDC 05 18:42:02.0:0.9, 38.33N:20.54E, h0km, mb3.6/9, mb1 3.7/17, mb1mx3.6/67, mbtmp3.6/17, ML3.6/5, Error ellipse: s-maj=17.9km s-min=14.8km az=41.0

ATH 05 18:42:02.8, 38.14N:20.42E, h16km, ML3.9/12, Error ellipse: s-maj=1.7km s-min=0.8km az=250.0

MOS 05 18:42:03.5:2.0, 38.37N:20.18E, h12km, mb4.3/3, Error ellipse: s-maj=11.7km s-min=8.7km az=79.4

THE 05 18:42:03.4, 38.15N:20.42E, h10km, ML4.1/8, Error ellipse: s-maj=0.9km s-min=0.3km az=57.0

PDG 05 18:42:04.6:0.7, 38.18N:20.25E, h31km, 2km, ML4.1/11, Error ellipse: s-maj=2.0km s-min=1.6km az=30.0

ISC 05 18:42:03.7:0.6, 38.20N:0.02:20.41E:0.03, h15km, 3km, n153, e208/185, mb3.8/11, 11C-23D, Greece

Main table for station data on the right page, including columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station identifiers like PROD, LOUT, etc.

IDC 05 18:42:02.0:0.9, 38.33N:20.54E, h0km, mb3.6/9, mb1 3.7/17, mb1mx3.6/67, mbtmp3.6/17, ML3.6/5, Error ellipse: s-maj=17.9km s-min=14.8km az=41.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR, LUWI, MJAR, SANI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABKAR, GEYT, ARU, KBZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TXAR, PD31, PDAR, etc.

5d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCVE Castro Verde, PBAR Barrancos, PBEJ Beja, etc.

TAP 05:20:08:50.4, 24:27:11:281.6E, h17km, ML1.9, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENA Nanau, ENA baz=246, TWC Suao, etc.

JMA 05:20:09:46.7, 0.1, 24:08N, 123:60E, h18km, 2km, M1.2, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATJ Hateruma jima, IRIF Iriomote-Funau, etc.

IDC 05:20:10:45.5, 1.4, 5:18S-150:78E, h0km, mb3.0/2, mb1.3, 4/2, mb1mx3.1/35, mbtmp3.1/2, Error ellipse: s-maj=96.3km s-min=18.4km az=141.0, New Britain region

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

2014 MAR

0.3nm, 0.5s, baz=63, slow=8.4, SNR=6.5 TORO Torodi Arr Bea 148.50 287 PKPbc PKPbc 20 30 33.7 -1.7

NIED 05:20:25:00.20:40N, 120:30E, h77km, Mw4.5 Best double couple: M=5.95000, 1015, NP1=207.00000, 857.00000, 1.43, 0.0000, NP2=9.00000, 856.00000, 1.138, 0.0000, BUJ 05:20:25:38.5:0.0, 19:53N, 120:64E, h10km, mb4.8/14, mb4.2/14, Ms4.6/3, Ms7.4/3, JMA 05:20:25:43.6:0.6, 20:42N, 120:32E, h0km, M4.1 IDC 05:20:25:43.5:0.5, 20:15N, 120:29E, h0km, mb4.1/21, mb1.4/22, mb1mx1.4/48, mbtmp4.1/23, ML4.0/2, MS3.2/12, Ms1.3/32, ms1mx3.1/49, Error ellipse: s-maj=19.1km s-min=12.2km az=74.0, NEIC 05:20:25:44.6:1.8, 20:18N, 0:05:120:23E:0.10, h7km, 4km, mb4.4/23, Error ellipse: s-maj=13.0km s-min=7.7km az=89.0, MAN 05:20:25:44.5:20:31N, 120:21E, h44km, mb5.0, ML3.9, MS4.0, ISC 05:20:25:47.8:0.4, 20:23N, 120:33E:0.06, h28km, n89, 1519, 96, mb4.3/35, MS3.2/11, 1D, Philippine Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBP Basco, SIPP Brgy, Tapao, APYV Conner, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKAR Karatay Array, KKAR, KKAR, CHGR Chuyangarr, etc.

IDC 05:20:29:00.9, 0.7, 21:18S, 68:30W, h127km, 8km, mb3.9/6, mb1.3/9.10, mb1mx3.7/30, mbtmp4.3/10, Error ellipse: s-maj=20.3km s-min=10.3km az=103.0, NEIC 05:20:29:00.4:1.7, 21:19S, 0:05:68:40W:0.08, h130km, 6km, mb4.5/8, Error ellipse: s-maj=11.6km s-min=6.2km az=75.0, SJA 05:20:29:00.1:0.9, 21:17S, 68:49W, h143km, 7km, ML3.9, MW3.9, GUC 05:20:29:01.8:0.8, 21:19S, 68:50W, h139km, 4km, ML4.2, ISC 05:20:29:00.9:0.7, 21:18S, 68:48W:0.05, h139km, 6km, n76, 123/106, mb4.4/8, 8C-10D, Chile-Bolivia border region

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

Table with columns: PB16, PB10, PB12, PB14, G002, AZAP, ASTB, LPAZ, LPZAZ, SIV, CFA, ATAH, PLCA, BDFB, FLOC, RUSC, N49A, DBIC, PDAR, ULM, TOAO, TORD, YKA, WRA, KURBB, ZALV, MKAR, CMAR. Includes station names, coordinates, and various parameters.

SOME 05 20:37:42.6, 42.80N:77.37E, h15km
NNC 05 20:37:42.6, 0.5, 42.83N:77.41E, h2km, 2km, mb2.5,
mpv2.8, Error ellipse: s-maj=4.8km s-min=2.1km az=7.0

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like ANVS, TNSS, MDOK, KOTS, KNDC, AAA, IZV, KDJ, MTBS.

Main table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like MTBS, SATY, ZHN, KURS, ULHL, KTBS, CHHK, DGS, UZB, ARXS, KRBS, SHLS, NRN, KZA, KBK, CHMS, AAK, UCH, DJR.

Table with columns: DJR, AML, KAPS, MKAR, ZALV, BRTR. Includes station names and coordinates.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like MKAR, ZALV, BRTR.

ATH 05 20:40:04.9, 38.14N:20.41E, h14km, ML3.3/15, Error
THE 05 20:40:05.5, 38.17N:20.43E, h12km, ML3.5/8, Error
ISC 05 20:40:05.1, 0.8, 38.17N:0.03:20.41E:0.03, h14km, 4km,
n83, c122/14, 10C-10D, Greece

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like LXRA, LXR1, ARG, KEF2, KEF3, KEF4, KEF5, VLS, KONA, KFL, FSK, VLMS, EVGI, MGNA, LKD2, VTN, VTN, TSLK, PDO, RLS, PVO, DRO, UPR, TRIZ, EVR.

5d 21h

Table of astronomical observations with columns for station name, coordinates, and observation details. Includes stations like E63A Oxbow, AGMN Agassiz Nation, and many others.

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Table of astronomical observations for March 2014, including stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, and SOJN Songino Array.

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Table of astronomical observations with columns for station name, coordinates, and observation details. Includes stations like PAGO Antelope Grade, PFO Pinyon Flats O, and XPFO Pion Flat.

Table with columns: STKA, comp, ScP, ScP, 22.39 49.5 +1.1, etc. Lists various locations like Canberra, Canberra, Canberra, etc.

Table with columns: BLDU, Ballidu, 42.96 230 P P, 22.35 02.6 -0.3, etc. Lists various locations like Ballidu, TWG, NACB, etc.

Table with columns: KULM, Kulim, 54.52 281 P P, 22.36 33.0 +1.1, etc. Lists various locations like Kulim, MDJ, MDJ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CD2, HHC, BTO, MA2, ULN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SBA, BOK, RAMM, MOY, CHGN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KTH, SML, GLI, HIN, FID, etc.

Table with columns: IAMS, Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Draefer Farm, Lake Charles, French Village, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Kolonické sedl, PAULI Pauline, SCHO Schrefferville, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PKME Peaks-Kenny Pk, GERES GERESS Array B, WVL Waterville, etc.

Additional information including coordinates (IDC 05 22:35:48.7, 1.60:865x27.21W, hOkm, mb4.3/3, mb1.4/4.4, mb1mx3.9/26, mbtmp4.3/4, ML4.0/1, Error ellipse: s-maj=100.8km s-min=27.5km az=37.0, NEIC 05 22:35:50.2, 1.61:3S:0.2:28.1W:0.3, h13km, 3km, mb4.4/8, Error ellipse: s-maj=33.0km s-min=10.4km az=219.0), station codes (ISC 05 22:35:50.2, 0.6, 61:25:0:2:28:0W:0.2, h10km, n29, e127:30, mb4.4/8, South Sandstone, islands region), and a table with columns: Code, Station Name, A, Z, P, Phase ID, Time, Res, ISC, h, m, s, ISC.

BILL	Bilibino	74.32	16	iP	P	00 34 38.4	-2.4
BILL						00 34 50.4	
BILL							
AKTO	Aktymbinsk	74.39	323	P	P	00 34 40.7	-0.9
SVE	Sverdlorsk	75.33	330	eP	P	00 34 45.7	-1.1
SVE							
ARU	Arti	76.23	329	c	P	00 34 50.5	-1.4
ARU						00 35 28.1	+1.0
ARU						00 44 23.2	-1.1
ABPO	Ambohianom	76.38	251	P	P	00 34 53.4	-0.4
ABPO							
ABPO	Ambohianom	76.38	251	P	Iamb	00 34 53.4	-0.4
MAW	Mawson	78.78	200	P	P	00 35 07.2	+1.3
AKT	Akhty	79.02	312	eP	P	00 35 07.2	-0.7
AKT						00 35 14.7	
AKT						00 35 43.0	-0.3
VNDA	Vanda	80.08	172	P	P	00 35 14.0	+1.3
VNDA							
VNDA	Vanda	80.08	172	P	P	00 35 14.1	+1.3
VNDA							
VNDA	Vanda	80.08	172	P	P	00 35 14.1	+1.3
GNI	Garni	81.05	311	eP	P	00 35 19.7	+0.7
GNI							
ZEI	Tsey	82.03	313	eP	P	00 35 22.8	-1.3
ZEI							
KBZ	Khabaz	82.88	314	P	P	00 35 26.6	-1.6
NEV	Neytrino	82.95	313	eP	P	00 35 29.6	+0.8
PRGR	Permogore	84.11	332	eP	P	00 35 31.4	-2.7
PRGR							
RDOG	Red Dog Mine	84.31	21	Iamb	Iamb	00 38 04.9	
VRH	Vokhopyorsk	84.59	321	eP	P	00 35 44.3	-2.3
VRH							
KMBO	Kilima Mbogo	85.62	269	P	P	00 35 42.2	-0.8
VSR	Storozhevo	86.19	321	eP	P	00 35 42.9	-1.8
VSR							
LPSR	Galich'ya Gora	86.46	323	eP	P	00 35 45.4	-0.5
LPSR							
OHAK	Old Harbor	86.71	33	Iamb	Iamb	00 35 49.7	
KLMR	Klimovskoe	86.92	331	eP	P	00 35 44.1	-3.9
KLMR							
KLMR	Klimovskoe	86.92	331	eP	AMP	00 35 44.1	-3.9
KLMR						00 35 49.2	
KDAK	Kodiak Island	87.24	32	P	P	00 35 49.9	+0.3
KDAK							
KDAK	Kodiak Island	87.24	32	P	Iamb	00 35 49.9	+0.3
KDAK						00 36 11.8	
SYO	Syowa Base	87.41	201	eP	P	00 35 49.0	-1.2
SYO						00 35 51.0	+0.8
IMAR	Indian Mountai	87.45	24	P	P	00 35 50.0	+0.1
MMAI	Mount Meron Ar	87.98	303	P	P	00 35 52.8	-1.0
MMAI							
OBN	Obninsk	88.03	325	eP	P	00 35 53.6	+0.2
OBN						00 36 32.1	+0.5
OBN						00 39 19.7	
OBN						00 46 05.6	-2.7
OBN						00 52 20.8	+4.7
BRNK	Bradley	88.26	30	Iamb	Iamb	00 35 57.5	
MLY	Manley	88.64	25	Iamb	Iamb	00 35 57.3	
TOLK	Toolik Lake Re	89.28	21	P	P	00 35 59.6	+0.5
TOLK							
MCK	McKinley	89.36	26	Iamb	Iamb	00 35 59.8	
RND	Reindeer	89.39	27	Iamb	Iamb	00 35 59.3	
RND							
KNK	Knik Glacier	89.52	29	Iamb	Iamb	00 36 03.3	
BRTR	Keskin Array B	89.53	310	P	P	00 35 58.9	-2.1
BRTR							
BRTR	Keskin Array B	89.53	310	P	P	00 35 59.0	-2.1
BRTR							
BRTR	Keskin Array B	89.53	310	P	P	00 35 58.6	-2.4
QSPA	South Pole Qui	89.75	180	P	P	00 36 02.7	+1.3
QSPA						00 36 03.6	
WRH	Wood River Hill	89.75	26	Iamb	Iamb	00 36 12.7	
CCB	Clear Creek Bu	89.88	26	Iamb	Iamb	00 36 15.8	
DHY	Denali Highway	90.05	27	Iamb	Iamb	00 36 03.6	
ILAR	Eielson Array	90.27	25	P	P	00 36 01.4	-2.3
ILAR							
ILAR	Eielson Array	90.27	25	P	P	00 36 01.8	-1.9
ILAR						00 36 01.9	+1.9
BMAR	Burnt Mountain	91.15	23	P	P	00 36 07.7	-0.2
TGL	Tana Glacier	92.27	29	Iamb	Iamb	00 36 14.2	
AKASG	Malin Array Be	92.47	321	P	P	00 36 11.9	-2.3
AKASG							
AKASG	Malin Array Be	92.47	321	P	P	00 36 11.9	-2.3
AKASG							
AKASG	Malin Array Be	92.47	321	Iamb	Iamb	00 36 14.3	
AKASG							
ACAR	Beaver Creek A	92.59	27	P	P	00 36 14.8	+0.2
ARCES	ARCCESS Array B	92.76	340	P	P	00 36 12.8	-2.4
ARCES							
ARCES	ARCCESS Array B	92.76	340	P	P	00 53 26.0	-0.3
ARCES							
CTGM	Chitina Glacie	92.98	29	Iamb	Iamb	00 36 18.1	
VSU	Vasula	93.38	328	eP	P	00 36 19.2	+1.0
VSU							
FINES	FINESS Array B	93.42	331	P	P	00 36 16.0	-2.3
FINES							
FINES	FINESS Array B	93.42	331	P	P	00 41 03.0	-0.7
FINES							
DAWY	Dawson	93.56	26	Iamb	Iamb	00 36 20.0	
MATP	Matopo	94.04	250	P	P	00 36 18.3	-4.0
MATP							
EPYK	Eagle Plains	94.35	23	P	P	00 36 22.2	-0.4
EPYK							
VRI	Vrincioiaia	94.43	316	iP	P	00 36 24.4	+1.1
LSZ	Lusaka	94.47	255	P	P	00 36 24.5	+0.2
LSZ							
LSZ	Lusaka	94.47	255	P	P	00 36 24.2	-0.2
LSZ							
LSZ	Lusaka	94.47	255	P	P	00 36 24.2	-0.2
LSZ						00 36 25.6	
PLOR	Plostina	94.48	316	iP	P	00 36 36.0	+1.2
INOK	Inuvik	95.19	21	Iamb	Iamb	00 36 26.3	
BURAR	Bucovina Array	95.31	318	iP	P	00 36 26.6	-0.9
BURAR						00 36 25.9	-1.6
ARCR	ARCALIA	95.95	317	iP	P	00 36 28.1	-2.2
BOSA	Boshof	96.61	241	P	P	00 36 33.4	-0.4
BOSA							
DRGR	Dr. G. 3nm, 1.1s	97.10	317	eP	P	00 36 24.7	-1.1
KOLS	Kolonickie sedl	97.11	319	eP	P	00 36 36.6	+1.0

KOLS	Kolonickie sedl	97.11	319	eP	P	00 36 36.6	+1.0
C36M	Paulatuk	98.16	19	P	P	00 36 39.2	-0.5
C36M							
VYHS	Vyhne	99.43	319	eP	P	00 36 45.7	-0.2
VYHS						00 36 45.7	-0.2
NOA	NORSAR Array B	100.52	333	P	P	00 36 48.0	-2.5
NOA							
CLL	Collm	102.47	323	ePKIKP	PKIKP	00 41 19.0	-1.0
GERES	GERESS Array B	102.62	320	P	P	00 36 59.3	-1.2
GERES							
GERES	GERESS Array B	102.62	320	P	P	00 37 09.8	-0.8
GERES							
YKA	Yellowknife Ar	104.62	24	P	P	00 37 09.4	+0.8
YKA							
YKA	Yellowknife Ar	104.62	24	P	P	00 41 22.9	-0.7
YKA							
NVA	Nina Array Be	112.37	48	PKIKP	PKIKP	00 52 51.6	-4.1
NVA							
NVA	Nina Array Be	112.37	48	PKIKP	PKIKP	00 41 40.5	+1.4
NVA							
CWC	Cottonwood Cre	113.17	50	PKIKP	PKIKP	00 41 41.7	+1.0
CWC							
EDWZ	Edwards Air Fo	113.71	52	P	PKIKP	00 41 42.8	+1.2
EDWZ							
MPMC	Manual Prospec	113.74	50	P	PKIKP	00 41 43.0	+1.2
MPMC							
FURC	Furnace Creek,	114.09	50	P	PKIKP	00 41 43.8	+1.7
FURC							
EGMT	Eagleton	114.20	36	P	PKIKP	00 41 42.6	+0.5
EGMT							
TPNV	Topogap Spring	114.40	49	P	PKIKP	00 41 43.9	+0.9
TPNV							
R11A	Troy Canyon, C	114.41	47	P	PKIKP	00 41 44.1	+1.1
R11A							
GSC	Goldstone, Bar	114.50	51	P	PKIKP	00 41 44.7	+1.5
GSC							
HEC	Hector,Ludlow	115.02	51	P	PKP	00 41 45.7	+1.5
HEC							
BELC	Belle Mtn. Jos	115.55	52	P	PKP	00 41 47.2	+1.9
BELC							
GMRC	Granite Mounta	115.56	51	P	PKP	00 41 47.1	+1.8
GMRC							
DUG	Dugway, Tooele	115.71	45	P	PKP	00 41 46.6	+1.2
DUG							
Y12C	Blythe	116.79	52	P	PKIKP	00 41 48.8	+1.3
Y12C							
PDAR	Pinedale Array	116.81	41	PKP	PKP	00 41 47.6	0.0
PDAR							
PDAR	Pinedale Array	116.81	41	PKP	PKP	00 41 47.4	-0.2
PDAR							
PDAR	Pinedale Array	116.81	41	PKP	PKP	00 41 47.4	-0.2
PDAR							
PDAR	Pinedale Array	116.81	41	PKP	PKP	00 41 48.7	-0.4
PDAR							
WUAZ	Wupatki	118.59	49	P	PKIKP	00 41 52.5	+1.3
WUAZ							
214A	Organ Pipe Nat	118.74	53	P	PKIKP	00 41 52.6	+1.2
214A							
K22A	Casper	118.84	40	P	PKP	00 41 51.3	-0.1
K22A							
O20A	White River Ci	118.90	43	P	PKIKP	00 41 52.5	+0.8
O20A							
RSSD	Black Hills	119.62	37	PKIKP	PKP	00 41 52.9	0.0
RSSD							
RSSD	Black Hills	119.62	37	P	PKP	00 41 52.8	-0.2
RSSD							
W18A	Petrified Fore	119.98	49	P	PKIKP	00 41 55.2	+1.3
W18A							
MV3O	Mesa Verde	120.02	46	P	PKIKP	00 41 55.3	+1.3
MV3O							
N2C0	Red Feather La	120.08	41	P	PKIKP	00 41 54.5	+0.4
N2C0							
ULM	Lac du Bonnet	120.21	28	PKP	PKP	00 41 52.9	-0.6
ULM							
ULM	Lac du Bonnet	120.21	28	PKP	PKP	00 52 01.4	-2.0
ULM							
TUC	Tucson	120.23	52	PKIKP	PKIKP	00 41 55.7	+1.3
TUC							
TUC	Tucson	120.23	52	P	PKIKP	00 41 55.7	+1.3
TUC							
TOA	Torodi Ar. Sit	120.34	285	PKP	PKP	00 41 54.2	-0.6
TOA							
TORD	Torodi Ar. Bea	120.34	285	PKP	PKP	00 41 54.1	-0.6
TORD							
TORD	Torodi Ar. Bea	120.34	285	PKP	PKP	00 52 03.1	-0.6
TORD							
TORD	Torodi Ar. Bea	120.34	285	PKP	PKP	00 41 53.5	-1.3

M54A	Oil Creek Stat	134.09	24	P	PKPdf	00 42 20.2	-0.1
J59A	Plesco	134.19	18	P	PKPdf	00 42 21.0	+0.5
N53A	Libson	134.20	25	P	PKPdf	00 42 20.0	-0.1
I60A	Shoreham	134.20	16	P	PKIKP	00 42 21.2	-0.6
K57A	Scipio Center	134.20	20	P	PKPdf	00 42 20.1	-0.4
WVT	Waverly	134.26	35	PKIKP	PKPdf	00 42 21.4	+0.6
WVT	Waverly	134.26	35	P	PKPdf	00 42 21.3	+0.5
B51A	Williamsport	134.27	28	P	PKPdf	00 42 21.3	+0.6
O52A	Adamsville	134.32	27	P	PKIKP	00 42 22.3	+0.1
L56A	Greenwood	134.36	21	P	PKPdf	00 42 20.7	-0.2
N54A	Moraine State	134.42	24	P	PKPdf	00 42 20.9	-0.1
K58A	Earlville	134.47	19	P	PKPdf	00 42 21.4	+0.4
S49A	Springfield	134.47	32	P	PKIKP	00 42 22.3	-0.2
M55A	Ridgway	134.48	23	P	PKPdf	00 42 20.9	-0.2
O53A	New Philadelphia	134.49	26	P	PKIKP	00 42 22.3	-0.2
Q51A	Peebles	134.49	29	P	PKPdf	00 42 21.0	-0.2
P52A	Corning	134.58	27	P	PKPdf	00 42 21.2	-0.1
M56A	Emporium	134.69	22	P	PKPdf	00 42 21.6	+0.2
L57A	Andrews Acres	134.73	21	P	PKPdf	00 42 21.5	-0.1
T49A	Edmonton	134.84	32	P	PKIKP	00 42 23.2	-0.2
Q54A	Avella	134.91	25	P	PKPdf	00 42 22.5	+0.6
N55A	Marion Center	134.98	24	P	PKPdf	00 42 22.0	-0.0
S50A	Richmond	135.01	31	P	PKIKP	00 42 23.1	-0.5
P53A	Whipple	135.04	27	P	PKPdf	00 42 22.4	+0.2
Q52A	Bidwell	135.06	28	P	PKPdf	00 42 22.2	+0.1
N56A	West Decatur	135.14	23	P	PKPdf	00 42 22.5	+0.1
M57A	Sunshine Farm	135.21	21	P	PKPdf	00 42 22.3	-0.1
T50A	Nancy	135.28	32	P	PKIKP	00 42 23.9	-0.3
K61A	Williamstown	135.29	17	P	PKIKP	00 42 24.6	+0.0
O55A	Ligonier	135.34	24	P	PKIKP	00 42 24.2	-0.1
P54A	Burton	135.34	26	P	PKPdf	00 42 23.1	+0.3
S51A	Geatlyville	135.45	30	P	PKPdf	00 42 23.2	+0.2
Q53A	Leroy	135.48	27	P	PKIKP	00 42 24.1	-0.5
SSPA	Standing Stone	135.54	23	P	PKPdf	00 42 23.4	+0.4
SSPA	Standing Stone	135.54	23	P	PKPdf	00 42 23.0	0.0
O56A	Blue Knob Stat	135.59	24	P	PKPdf	00 42 23.3	+0.1
M59A	Waymart	135.63	20	P	PKPdf	00 42 23.2	+0.0
Q54A	Coxs Mills	135.70	27	P	PKPdf	00 42 23.8	+0.4
P55A	Reedsville	135.71	25	P	PKPdf	00 42 23.5	+0.1
R53A	Hurricane	135.71	28	P	PKPdf	00 42 23.6	+0.2
T51A	Gray	135.78	31	P	PKIKP	00 42 24.9	-0.3
N58A	Sunbury	135.80	21	P	PKPdf	00 42 23.1	-0.4
Q55A	Buckhannon	136.02	26	P	PKPdf	00 42 24.1	0.0
N59A	State Game Lan	136.07	20	P	PKPdf	00 42 24.0	0.0
P56A	Dayton Farm, R	136.12	24	P	PKPdf	00 42 24.3	+0.2
R54A	Victor	136.28	27	P	PKPdf	00 42 24.2	-0.3
N60A	Cedar Hill Far	136.34	20	P	PKPdf	00 42 24.2	-0.3
O58A	Lewisberry	136.35	22	P	PKPdf	00 42 24.5	0.0
W50A	Signal Mountai	136.36	34	P	PKIKP	00 42 26.4	-0.2
M61A	Granite Spring	136.38	18	P	PKPdf	00 42 25.0	+0.4
S54A	Dingess, Beckl	136.44	28	P	PKIKP	00 42 26.4	-0.2
V51A	Loudon	136.44	33	P	PKIKP	00 42 26.3	-0.4
P57A	Homestead Farm	136.48	24	P	PKIKP	00 42 26.2	-0.4
O60A	Telford	136.73	20	P	PKPdf	00 42 25.4	+0.2
P58A	Pank, Wackersv	136.75	23	P	PKPdf	00 42 25.4	+0.1
R56A	Bull Pasture M	136.80	26	P	PKPdf	00 42 26.0	+0.4
V52A	Sevierville	136.82	32	P	PKPdf	00 42 26.4	+0.8
U53A	Fall Branch	136.95	31	P	PKPdf	00 42 26.1	+0.3
Q58A	Fox Den Farm,	137.07	24	P	PKPdf	00 42 26.4	+0.5
W52A	Murphy	137.20	33	P	PKIKP	00 42 27.8	-0.4
R57A	Stanardsville	137.27	25	P	PKPdf	00 42 26.9	+0.6
V53A	Saluda	137.36	31	P	PKPdf	00 42 27.4	+0.8
Z50A	Ashland	137.40	37	P	PKPdf	00 42 27.0	+0.3
U55A	TA2, Sparta	137.60	29	P	PKPdf	00 42 27.4	+0.3
T56A	Rocky Mt	137.66	28	P	PKIKP	00 42 28.8	-0.3
V54A	Nebro	137.72	30	P	PKIKP	00 42 29.5	+0.3
R58B	Mineral	137.82	25	P	PKIKP	00 42 29.1	-0.2
X53A	Estanollee	137.99	33	P	PKIKP	00 42 30.0	+0.2
V55A	Taylorville	138.03	30	P	PKIKP	00 42 29.8	-0.0
T57A	Hurt	138.04	27	P	PKIKP	00 42 29.6	-0.2
V52A	Libburn	138.04	34	P	PKIKP	00 42 29.1	-0.8
W54A	Cherokee Acnt	138.14	31	P	PKIKP	00 42 30.2	+0.2
T58A	Grand View Acr	138.40	26	P	PKIKP	00 42 30.5	0.0
V56A	Mocksville	138.42	29	P	PKIKP	00 42 30.3	-0.3
X54A	Belton	138.45	32	P	PKIKP	00 42 30.5	-0.2
U57A	Blanch	138.46	27	P	PKIKP	00 42 30.5	-0.2
KM5C	Kings Mountain	138.53	30	P	PKIKP	00 42 30.5	-0.4
V57A	Coltrane Farms	138.70	28	P	PKIKP	00 42 31.1	-0.2
X55A	Gracelyn & Ava	138.90	31	P	PKIKP	00 42 31.9	+0.2
W57A	Gilead	139.19	29	P	PKIKP	00 42 31.7	-0.5
X56A	White Oak	139.19	31	P	PKIKP	00 42 32.1	-0.1
Z57A	Gowman	140.30	32	P	PKIKP	00 42 35.1	+0.5
PEL	Peiddehu	144.47	160	PKIKP	PKPbc	00 42 38.8	+0.5
PEL	Peiddehu	144.47	160	PKIKP	PKPbc	00 42 38.8	+0.5
CBCY	The Bluff, Cay	150.52	47	PKIKP	PKPbc	00 42 55.3	+0.0
JTS	Las Juntas de	150.56	69	PKIKP	PKPbc	00 42 54.5	-1.0

JTS	Las Juntas de	150.56	69	PKPbc	00 42 54.5	-1.0
CPUP	Villa Florida	153.63	180	PKP	00 42 55.0	+0.8
CPUP	comp=Z,5.7nm,1.1s,baz=198,slow=3.2,SNR=6.0			PKPbc	00 43 00.3	+0.9
CPUP	comp=Z,5.8nm,0.8s,baz=53,slow=1.4,SNR=5.0			PKPbc	00 43 16.4	+1.4
MNMC	Minye Minye	157.23	148	PKPdf	00 42 58.0	-1.6
MNMC	Minye Minye	157.23	148	PKPdf	00 43 00.8	-0.4
LPZAZ	La Paz	160.35	147	PKP	00 43 04.8	+1.0
LPZAZ	comp=Z,5.3nm,1.2s,baz=182,slow=1.6,SNR=8.0			PKPbc	00 43 46.9	+1.9
BDFB	Brasilia	161.88	209	PKP	00 43 05.7	+0.5
BDFB	Brasilia	161.88	209	PKIKP	00 43 51.7	+0.6
BDFB	Brasilia	161.88	209	PKIKP	00 43 03.6	-1.2
BDFB	Brasilia	161.88	209	PKPdf	00 43 03.6	-1.2
BDFB	Brasilia	161.88	209	PKPdf	00 43 06.6	-0.4
SIV	San Ignacio	163.46	167	PKP	00 43 07.0	+0.8
SIV	comp=Z,3.9nm,0.8s,baz=189,slow=5.3,SNR=11.7			sPKPdf	00 43 05.9	-0.4
SDV	Santo Domingo	164.01	57	PKPdf	00 43 59.0	-1.1
SDV	Santo Domingo	164.01	57	PKPbc	00 44 00.8	+0.1
SAML	Samuel	169.10	147	PKIKP	00 43 10.3	-0.3
SAML	Samuel	169.10	147	PKPbc	00 43 10.3	-0.3

VAO 06 00:26:30.8-0.4, 22.49S; 70.09W, h10km, mb4.6
 NEIC 06 00:26:35.0-2.9, 22.43S; 0.03-70.05W, 0.05, h57km, 4km,
 Error ellipse: s-maj=7.0km s-min=2.6km az=118.0
 SJA 06 00:26:35.3-1.1, 22.46S; 69.99W, h48km, 5km, ML4.7,
 MW4.7
 GUC 06 00:26:35.9-0.7, 22.46S; 69.98W, h56km, 2km, ML4.7
 IDC 06 00:26:36.0-0.5, 22.40S; 70.01W, h50km, 4km, mb4.0/12,
 mb1.4/2/15, mb1mx4.0/33, mbtmp4.3/15, MS3.7/4,
 Ms1.3/7.4, ms1mx3.3/24, Error ellipse: s-maj=16.6km
 s-min=5.3km az=17.0
 ISC 06 00:26:34.9-0.4, 22.45S; 0.02-70.02W, 0.03, h51km, 3km,
 n149, r159/174, mb4.5/19, 5C-11D, Near coast of
 northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
				Op	h	h
				IS	m	h
				S	s	h
PB04	IPOC Station P	0.17	314	iP	00 26 44.6	+1.2
PB04	IPOC Station P			iS	00 26 50.6	+1.3
PB04	IPOC Station P			IAML	00 26 51.6	
PB04	comp=N,138um,0.1s					
PB04	IPOC Station P	0.17	314	iP	00 26 43.5	+0.2
PB04	IPOC Station P			iS	00 26 50.5	+1.3
PB04	IPOC Station P			eS	00 26 44.6	+1.2
PB05	IPOC Station P	0.43	203	iP	00 26 46.6	+1.1
PB05	IPOC Station P			iS	00 26 54.7	+1.5
PB05	IPOC Station P			IAML	00 26 55.7	
PB05	comp=E,60um,0.4s					
PB05	IPOC Station P	0.43	203	iP	00 26 46.8	+1.2
PB05	IPOC Station P			eS	00 26 54.7	+1.5
PB05	IPOC Station P			IAML	00 26 54.9	
PB03	IPOC Station P	0.47	31	iP	00 26 47.1	+1.1
PB03	IPOC Station P			iS	00 26 54.9	+1.1
PB03	IPOC Station P			IAML	00 26 55.8	
PB03	comp=E,121um,0.5s					
PB03	IPOC Station P	0.47	31	iP	00 26 47.3	+1.2
PB03	IPOC Station P			eS	00 26 55.3	+1.3
PB03	IPOC Station P			IAML	00 26 56.3	
PB06	IPOC Station P	0.48	122	iP	00 26 46.8	+0.7
PB06	IPOC Station P			iS	00 26 54.8	+0.6
PB06	IPOC Station P			IAML	00 26 55.5	
PB06	comp=N,120um,0.2s					
PB06	IPOC Station P	0.48	122	iP	00 26 47.0	+0.8
PB06	IPOC Station P			eS	00 26 55.0	+0.8
PB06	IPOC Station P			IAML	00 26 55.5	
PB07	IPOC Station P	0.73	10	iP	00 26 50.6	+1.3
PB07	IPOC Station P			iS	00 27 01.0	+1.3
PB07	IPOC Station P			IAML	00 27 01.6	
PB07	comp=N,37um,0.1s					
PB07	IPOC Station P	0.73	10	iP	00 26 50.7	+1.3
PB07	IPOC Station P			eS	00 27 00.9	+1.2
PB07	IPOC Station P			IAML	00 27 02.2	
PB15	IPOC Station P	0.91	146	iP	00 26 52.4	+0.8
PB15	IPOC Station P			iS	00 27 05.0	+1.2
PB15	IPOC Station P			eS	00 27 01.5	+0.7
PB15	IPOC Station P			IAML	00 27 04.3	+0.5
PB09	IPOC Station P	0.91	48	iP	00 26 54.1	+1.7
PB09	IPOC Station P			iS	00 27 07.3	+2.0
PB09	IPOC Station P			IAML	00 27 07.9	
PB09	comp=E,30um,0.5s					
PB09	IPOC Station P	0.97	48	iP	00 26 54.2	+1.7
PB09	IPOC Station P			eS	00 27 07.3	+2.0
PB09	IPOC Station P			IAML	00 27 07.5	
LVC	Limon Verde	1.03	99	P	00 26 55.0	+1.5
LVC	comp=Z,2um,0.3s,baz=317,slow=5.6			S	00 27 08.7	+1.6
LVC	Limon Verde	1.03	99	P	00 26 55.3	+1.8
LVC	Limon Verde	1.03	99	P	00 27 10.1	+1.9
LVC	Limon Verde			eS	00 27 10.1	
PB02	IPOC Station P	1.13	6	iP	00 26 55.8	+1.2
PB02	IPOC Station P			iS	00 27 10.7	+1.6
PB02	IPOC Station P			IAML	00 27 16.7	
PB02	comp=E,47um,0.2s					
PB02	IPOC Station P	1.13	6	iP	00 26 56.0	+1.4
PB02	IPOC Station P			IAML	00 27 24.9	
PB10	IPOC Station P	1.17	205	iP	00 26 56.1	+1.2
PB10	IPOC Station P			iS	00 27 11.7	+2.0
PB10	IPOC Station P			IAML	00 27 16.1	
PB10	comp=Z,10um,0.2s					
PB10	IPOC Station P	1.17	205	iP		

6d 3h

Table with columns: JANG, Nango, 1.10 285, P, Pb, 03 03 16.3 -0.6, etc.

AEIC 06 03:24:15.0,3,7,51.31N,0.09:175.85E:0.08,h39km,3km, Error ellipse: s-maj=13.0km s-min=6.5km az=191.0

MOS 06 03:24:16.4,1,51.591N,176.22E,h39km,mB5.2/50, MS4.8/11, Error ellipse: s-maj=6.2km s-min=3.6km az=128.4

BUJ 06 03:24:18.6,0.0,52.13N,175.91E,h44km,mB5.2/50, mB4.9/62,MS4.9/44,MS7.4/64/5

IDC 06 03:24:18.2,1.5,51.79N,176.32E,h33km,9km,mB4.5/36, mB1.4/740,mB1mx4.7/50,mBmp4.8/40,ML5.5/2,MS4.4/38, Ms1.4/4/38,ms1mx4.4/47, Error ellipse: s-maj=14.0km s-min=8.5km az=168.0

NEIC 06 03:24:19.4,1.5,51.80N,0.09:176.14E:0.08,h44km,4km, mB5.0/383,ML5.2/22(AEIC), Error ellipse: s-maj=13.6km s-min=6.3km az=191.0

GCMT 06 03:24:20.4,0.2,51.75N,0.01:176.23E:0.02,h52km,2km, mW5.1/126, Moment Tensor Solution. s75,c108; s126,c190; Duration: 0 Moment tensor: Scat: Scale 10^16Nm; Mn=0.8±.15; Mw=1.67±.14; Mw2.56±.12; Mw3.77±.14; Mw=0.73±.10; Mw2.86±.12; Best double couple: Ms=1.7000x10^16 NP1:319.00000,δ26.00000, λ-171.00000. NP2:222.00000,δ86.00000, λ-64.00000. Principal axes: T 4.5200,Plg36.0000, Azm290.0000; N 1.3010,Plg26.0000, Azm40.0000; P -5.8190,Plg43.0000, Azm157.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 06 03:24:19.0,0.4,51.12E:0.03,h40km,2km, h41km,pp-P,n956,δ135/870,mB5.0/267,MS4.7/67, 26C-29D, Rat Islands

Main table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, etc.

2014 MAR

Main table with columns: PETK, LR, LR, 03 31 23.6, etc.

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Main table with columns: RIDG, Independent Ri, 23.63 44, Iamb, Iamb, 03 29 57.3, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like BHOU Houvegnez, TRPA Tapa, TREC Trest, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like AKH Akhalkalaki, ARCA ARCALIA, WLF Walferdange, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like TLCR Dopca, DOPR Dopca, MOA Mollin, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like SIRR Siria, ARSA Arzberg, VOIR Tennant Creek, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like BDFB Brasilia, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like MAW Mawson, MAW Mawson, MAW Mawson, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like SNAA Sanae, SNAA Sanae, SNAA Sanae, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like EFJ East Falkland, USHA Ushuaia, QSPA South Pole Qui, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like VVND Vanda, KSAR Wonju Array Be, NSOM Songoing Array, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like JRY Ryogami san, JAG Ashikaga, JAG Ashikaga, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like JARJ Matsuhiro, JARJ Matsuhiro, JARJ Matsuhiro, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like JARJ Matsuhiro, JARJ Matsuhiro, JARJ Matsuhiro, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like JARJ Matsuhiro, JARJ Matsuhiro, JARJ Matsuhiro, etc.

Table with columns: BRTR, Keskin Array B, 64.83, 57, P, P, 03 59 27.9 +0.3, etc.

Table with columns: YKA, Yellowknife Arr, 58.38, 329, P, P, 04 00 49.4 -0.5, etc.

Table with columns: AZU, Azuero, 1.04, 320, I/P, P, 03 56 48.6 -0.2, etc.

Table with columns: PTAC, Punta Arditia, 1.78, 85, eP, Pn, 03 56 58.7 -0.3, etc.

Table with columns: UPD2, Meteti, 2.19, 45, eP, Pn, 03 57 05.8 +1.1, etc.

Table with columns: ZARC, Zaragoza, Caus, 4.72, 84, eP, Pn, 03 57 42.4 +2.8, etc.

Table with columns: SRHM, Skhour des Reh, 0.39, 223, P, P, 04 01 16.2 -0.0, etc.

Table with columns: TTIG, Trine Tigouga, 2.32, 199, P, Pn, 04 01 44.4 -0.1, etc.

Table with columns: EMIN, Mina Concepcio, 5.05, 8, Pn, Pn, 04 02 23.2 +1.3, etc.

Table with columns: EADA, Adamuz, 5.93, 24, Pn, Pn, 04 02 34.7 +0.7, etc.

Table with columns: PMTG, Montargil, 6.32, 355, Sn, Sn, 04 03 50.2 -0.5, etc.

Table with columns: GUAI, GUAI, 0.42, 18, I/P, P, 04 11 21.3 +0.2, etc.

Table with columns: OFUJ, Ofunato, 0.64, 314, P, Sn, 04 17 29.7 +1.1, etc.

Table with columns: DZM, Mont Dzumac, 7.39, 182, LR, LR, 04 25 17.0 -1.3, etc.

Table with columns: ASAR, Alice Springs, 32.20, 249, P, P, 04 27 31.1 -0.4, etc.

Table with columns: VAO, 06 04:36:59.9, 0.4, 33:27S:71:16W, h10km, mb5.7, etc.

Table with columns: GUC, 06 04:37:05.5, 0.6, 33:33S:71:28W, h60km, 3km, ML5.3, etc.

Table with columns: ROC1, El Roble, 0.41, 34, Sn, Pn, 04 37 16.9 +0.4, etc.

Table with columns: PEL, Peldehue, 0.53, 71, I/P, Pn, 04 37 26.4 +1.8, etc.

Table with columns: FSR, Penalolen, 0.66, 105, I/P, Pn, 04 37 21.2 +2.3, etc.

Table with columns: LMEL, Las Melosas, 1.05, 121, I/P, Pn, 04 37 25.3 +1.3, etc.

Table with columns: CO04, Los Peladeros, 1.30, 12, IAML, Pn, 04 37 49.6, etc.

Table with columns: PLCA, Paso Flores, 7.43, 176, P, Pn, 04 38 51.0 0.0, etc.

Table with columns: IFOB, IFOC Station P, 12.33, 8, Sn, Pn, 04 39 57.8 -0.4, etc.

6d 4h

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

2014 MAR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SYO, 346A, 152A, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like T56A, VAH, UALR, etc.

6d 4h

Table with columns: ID, Name, Time, Date, Status, etc. Rows include D49A Beulah Townshi, EDW2 Edwards Air Fo, SCZ2 Santa Cruz Isl, etc.

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Table with columns: ID, Name, Time, Date, Status, etc. Rows include BMO Blue Mountains, YBH Yreka Blue Hor, MSO Missoula, etc.

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Table with columns: ID, Name, Time, Date, Status, etc. Rows include FINES comp=Z.2.3nm,0.9s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like UCH, CHMS, KURBB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SBL, SBL, RTR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWA, HATJ, ETLL, etc.

SNET 06 04:58:24.0-0.8, 13.44N:90.46W, h15km, 56km, ML3.2
GCG 06 04:58:26.5-0.3, 13.57N:90.54W, h42km, 33km, MD3.5
ISC 06 04:58:24.3-3.2, 13.5N:0.2, 90.49W:0.08, h27km, 18km, n7,
c0538/13, Near coast of Guatemala

TAP 06 05:22:34.7, 24.49N:122.63E, h100km, ML3.0, D
JMA 06 05:22:35.0-1.1, 24.42N:122.66E, h92km, 2km, M2.0
ISC 06 05:22:35.1-1.5, 24.48N:0.05, 122.68E:0.03, h89km, 10km,
n57, c053/94, Taiwan region

BUI 06 05:42:34.6-0.0, 18.98N:146.00E, h202km, m5.1/59,
m5.1/85
MOS 06 05:42:35.3-0.9, 18.67N:145.47E, h201km, m5.2/109,
Error ellipse: s-maj=6.5km s-min=3.9km az=106.5
IDC 06 05:42:36.0-0.6, 18.64N:145.59E, h198km, 5km, m4.9/35,
m1.5/0.41, m1mx4.9/47, m1tmp5.5/41, MS4.2/22,
MS1.4/3.22, ms1mx4.0/47, Error ellipse: s-maj=9.8km

6d 8h

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

SOME 06:07:14:45.5, 39.98N-72.22E, h5km
KRNET 06:07:14:46.1, 0.1, 39.95N-71.93E, h16km, mb2.6
NINC 06:07:14:49.6, 2.5, 40.09N-72.08E, h0km, mb3.3, mpv3.0,
Error ellipse: s-maj=18.2km s-min=8.6km az=1.0
ISC 06:07:14:43.1, 2.4, 39.77N-0.1, 71.91E, 0.04, h1km, 14km, n21,
@140/34, 14C-8D, Tajikistan

Main table for 6d 8h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATK, ARSB, ARK, etc.

ISC 06:07:17:57.2, 1.6, 49.59S x 115.61E, h0km, mb3.8/4,
mb1.4, 0/4, mb1mx3.7/37, mbtmp3.8/4, MS3.6/17,
ms1.3, 4/10, mb1mx3.7/40, mbtmp3.8/10, MS3.6/17,
MS1.3, 6/17, ms1mx3.7/40, Error ellipse: s-maj=29.0km
s-min=22.0km az=165.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H01W2, H01W1, etc.

SOME 06:07:21:04.2, 40.90N-70.50E, h10km, Tajikistan

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

KRNET 06:07:21:06.8, 0.1, 39.39N-72.10E, mb2.5, 10C-4D,
Kyrgyzstan

2014 MAR

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

ISC 06:07:22:47.0, 2.0, 34.22N-139.46E, h0km, mb3.4/1,
mb1.3, 6/3, mb1mx3.2/42, mbtmp3.4/3, ML3.0/2, MS3.1/2,
Ms1.3, 1/2, ms1mx2.6/28, Error ellipse: s-maj=67.7km
s-min=16.6km az=67.0

JMA 06:07:22:47.0, 2.0, 34.42N-140.19E, h40km, 2km, M3.5
ISC 06:07:22:46.9, 1.4, 34.40N-0.04, 140.19E, 0.05, h5km, 18km,
n21, @092/29, 5C-2D, Near east coast of eastern

Main table for 2014 MAR section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO3, BSO4, etc.

NEIC 06:07:25:51.2, 2.9, 32.13N-0.07, 40.2W, 0.1, h10km, 1km,
mb4.4/11, Error ellipse: s-maj=23.9km s-min=5.3km
az=118.0

ISC 06:07:25:51.8, 1.0, 32.57N-40.24W, h0km, mb3.8/10,
mb1.4, 0/10, mb1mx3.7/40, mbtmp3.8/10, MS3.6/17,
MS1.3, 6/17, ms1mx3.7/40, Error ellipse: s-maj=29.0km
s-min=22.0km az=165.0

ISC 06:07:25:52.0, 0.7, 32.33N-0.1, 40.2W, 0.1, h13km, n46,
@61/27, mb4.1/17, MS3.7/17, Northern Mid-Antarctic
Ridge

Main table for 2014 MAR section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DRLN, SCHO, etc.

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

ISC 06:07:30:33.4, 3.1, 3.70S, 129.22E, h0km, mb3.7/2,
mb1.4, 0/3, mb1mx3.6/28, mbtmp3.8/3, ML3.6/1, Error
ellipse: s-maj=264.5km s-min=28.0km az=69.0
DJA 06:07:30:35.0, 0.9, 4.5, 9.9 x 12.9E, h10km, M3.7/7, MLV3.7/7
ISC 06:07:30:35.4, 1.0, 3.94S, 0.09, 128.83E, 0.06, h10km, n7,
@15/8, Seram

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

ISC 06:07:59:52.0, 1.1, 5.77S, 154.45E, h0km, mb4.0/10,
mb1.4, 1/12, mb1mx3.9/46, mbtmp4.0/12, ML2.9/2, MS3.2/7,
Ms1.3, 2/7, ms1mx3.0/43, Error ellipse: s-maj=34.9km
s-min=19.9km az=107.0
NEIC 06:07:59:57.0, 1.8, 5.87S, 0.09, 154.42E, 0.09, h35km, 2km,
mb4.5/14, Error ellipse: s-maj=16.2km s-min=14.4km
az=45.0

ISC 06:07:59:59.0, 0.6, 5.80S, 0.07, 154.39E, 0.09, h61km, n46,
@157/42, mb4.1/17, 1C, Bougainville-Solomon Islands

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

ISC 06:07:59:59.0, 0.6, 5.80S, 0.07, 154.39E, 0.09, h61km, n46,
@157/42, mb4.1/17, 1C, Bougainville-Solomon Islands

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

ISC 06:07:59:59.0, 0.6, 5.80S, 0.07, 154.39E, 0.09, h61km, n46,
@157/42, mb4.1/17, 1C, Bougainville-Solomon Islands

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

ISC 06:08:16:02.8, 4.0, 19.06S, 177.02W, h0km, mb4.0/4,
mb1.4, 2/4, mb1mx3.7/32, mbtmp4.0/4, Error ellipse:

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

s-maj=176.0km s-min=32.7km az=140.0
NEIC 06 09:17:06.8z.0.2:30.0:1x177.8W:0.1, h639km, 9km,
mb4.3/25, Error ellipse: s-maj=19.5km s-min=8.4km
az=143.0

ISC 06 09:17:04.1:0.7:20.2S:0.1x177.8W:0.1, h600km, n35,
e145/34, mb4.2/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Nonsavu, Omahuta, Urewera, etc.

MEX 06 09:05:22.0z.1.1:27.87N:104.84W, h16km, 52km, MD4.0
NEIC 06 09:05:25.7:3.0:27.7N:01:03:106.04W:0.05, h19km, 5km,
ML3.6/10, Md4.0/(MEX), Error ellipse: s-maj=7.5km
s-min=3.3km az=57.0

ISC 06 09:05:25.0:0.8:27.72N:0.04:106.00W:0.05, h10km, n21,
e129/29, Chihuahua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HPIC, TX31, etc.

IDC 06 09:12:23.8:1.2:16.67S:69.52W, h182km, 10km, mb3.2/4,
mb1.3/4.6, mb1mx3.2/27, mbtm3p.6/6, Error ellipse:
s-maj=24.6km s-min=19.6km az=108.0

ISC 06 09:12:21.8:1.2:16.74S:69.08W:0.1, h167km, 12km,
n16, e200/27, mb3.4/4, 5C-2D, Peru-Bolivia border
region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PBO2, PBO7, LVC, etc.

TRN 06 09:54:47.6:18.60N:63.29W, h5km, MD3.7, Leeward
Islands

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

MAN 06 10:04:18.2:10.84N:122.13E, h7km, mb4.1, ML2.9, MS2.6,
1C, Panay

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

JHU 06 10:18:12.7:0.2:30.76N:140.96E, h36km, M4.0
IDC 06 10:18:13.7:1.7:30.73N:141.18E, h54km, 16km, mb3.4/9,
mb1.3/6.13, mb1mx3.4/55, mbtm3p.7/13, ML3.2/4, Error
ellipse: s-maj=24.3km s-min=11.0km az=75.0

ISC 06 10:18:12.1:0.6:30.82N:0.05:141.3E:0.1, h35km, n32,
e248/33, mb3.7/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JHU2, JHU1, etc.

GCMT 06 10:23:57.9:0.5:7.87S:0.06:116.75E:0.05, h321km, 3km,
MW5.1/0.5, Moment Tensor Solution. s50,c66; Duration:
0. Moment tensor: Scale 10^19Nm; Mr=4.7z:33;
Mw=1.16z:42; Mw=3.5z:61; Mw=2.7z:50; Mw=2.4z:58;
Mw=1.0z:52; Best double couple: Mw:73900x1016
NP1=0.195:00000; s35:00000; a61:00000; NP2:
e=49.00000; 860:00000; a1:000000; Principal axes: T
5.7930, Plg69:0000; Az=358.0000; N-1:0.1100;
Plg16:0000; Azm22:0000; P-5.6840, Plg13:0000;
Azm12:0000; nsta1 refers to body waves, cutoff=40s.
Triangular moment-rate function

BUI 06 10:23:59.0:0.0:7.70S:117.10E, h297km, mb4.8/48,
mb5.1/78

NEIC 06 10:23:59.1:1.7:7.64S:0.07:117.13E:0.06, h299km, 3km,
mb5.1/108, Error ellipse: s-maj=10.1km s-min=8.5km
az=169.0

MOS 06 10:24:00.4:0.9:7.53S:117.10E, h315km, mb5.2/48, Error
ellipse: s-maj=8.4km s-min=5.2km az=107.8

IDC 06 10:24:01.0:0.8:7.61S:117.11E, h307km, mb5.4/746,
mb1.4/8.6/0, mb1mx3.4/757, mbtm3p.4/50, Error ellipse:
s-maj=8.2km s-min=5.2km az=68.0

DJA 06 10:24:00.1:0.1:8.2:117.7E, h292km, 1km, M5.1/93,
mb5.2/93, mb5.5/57, MLv5.6/29, Mw(mb)5.0/57, Mw5.7/33

KLM 06 10:24:00.0:8.04S:117.15E, h301km, mb5.4

ISC 06 10:23:59.7:0.4:7.69S:0.03:117.07E:0.04, h299km, 3km,
n814, e1913/706, mb5.1/143, 23C-4D, Bali Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PBO2, PBO1, etc.

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

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

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15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

15nm, 0.3s, baz=207, slow=11, SNR=2.8

6d 10h

SCHQ	comp=Z,2.1nm,0.7s,baz=14,slow=4.9,SNR=4.5	PP	PP	10 45 05.8 -1.7
SCHQ	comp=Z,6.1nm,0.8s,baz=13.1,slow=4.9,SNR=5.6	SKPbc	SKPbc	10 45 37.3 -1.1
EYMN	Gly 133.13	26 P	PKPpdf	10 42 39.8 -0.2
ECSD	EROS Data Cent 133.58	34 P	PKPpdf	10 42 41.0 0.0
SPMNE	Belgrade 134.16	37 P	PKPpdf	10 42 42.2 0.0
BGNE	Marine on St. 134.54	30 P	PKIKP	10 42 43.6 -0.6
MSTX	Muleshoe 134.94	49 P	PKPpdf	10 42 44.2 +0.2
TXAR	Lajitas Array 136.10	55 PKHKP	PKPpre	10 42 35.2
TXAR	comp=Z,0.8nm,0.7s,baz=27.2,slow=2.4,SNR=5.5	PKP	PKPpdf	10 42 46.8 +0.6
TXAR	comp=Z,2.1nm,0.7s,baz=30.5,slow=1.4,SNR=11	SKPbc	SKPbc	10 45 48.5 -1.2
MATO	Matagami 136.29	14 P	PKPpdf	10 42 46.4 +0.5
D46A	Sault St. Mari 136.96	21 P	PKPpre	10 42 42.1
D47A	Chapleau 137.14	20 P	PKPpre	10 42 39.9
F45A	CMU Biological 137.42	23 P	PKPpre	10 42 42.9
D48A	Paudash Townsh 137.47	19 P	PKPpre	10 42 44.5
WMOK	Wichita Mounta 137.48	46 P	PKPpre	10 42 41.5
E47A	Iron Bridge 137.60	21 P	PKPpre	10 42 37.2
G48A	Suttons Bay 137.89	24 P	PKPpre	10 42 40.2
E45A	Lockeyer 137.96	20 P	PKPpre	10 42 40.6
D50A	G1974 Best Tow 138.07	17 P	PKPpre	10 42 38.7
F48A	Evansville 138.38	21 P	PKPpre	10 42 39.4
G47A	Hillman 138.48	22 P	PKPpre	10 42 41.3
F49A	Sandfield 138.63	20 P	PKPpre	10 42 43.2
JCT	Junction City 138.73	52 P	PKPpre	10 42 44.1
E51A	G1948 Merrick 138.76	17 P	PKPpre	10 42 40.8
D53A	Lac Vacive, Po 138.76	15 P	PKPpre	10 42 40.4
ROC1	El Roble 138.84	170	PKPpre	10 42 42.6
D54A	Lac Fusel, La 138.96	14 P	PKPpre	10 42 41.6
F51A	Arnstein 139.18	18 P	PKPpre	10 42 41.7
D55A	Sainte-Anne-du 139.36	13 P	PKPpre	10 42 45.2
F52A	Sundridge 139.48	18 P	PKPpre	10 42 44.9
D56A	ZEC Mazanza, M 139.49	12 P	PKPpre	10 42 42.9
E54A	Lac Daplat, Po 139.50	15 P	PKPpre	10 42 42.3
D57A	Chemin Vers le 139.70	12 P	PKPpre	10 42 43.3
J47A	Sunmer 139.71	25 P	PKPpre	10 42 45.8
E56A	St. Veronique 139.91	13 P	PKPpre	10 42 44.1
I49A	Point Hope 139.92	22 P	PKPpre	10 42 45.2
J48A	Bridge Port 140.09	24 P	PKPpre	10 42 46.0
K47A	Vermontville 140.10	26 P	PKPpre	10 42 45.9
D61A	St Aubert, Com 140.14	8 P	PKPpre	10 42 45.8
E57A	Chemin Saint G 140.23	12 P	PKPpre	10 42 45.9
J49A	Marlette 140.29	23 P	PKPpre	10 42 46.0
D60A	Saint Jean D'O 140.32	9 P	PKPpre	10 42 45.6
K48A	Perry 140.36	25 P	PKPpre	10 42 46.5
CCM	Cathedral Cave 140.39	36 PKHKP	PKPpre	10 42 46.2
CCM	Cathedral Cave 140.39	36 P	PKPpre	10 42 46.2
CCM	Cathedral Cave 140.39	36 P	PKPpre	10 42 46.3
D62A	Allapoint, All 140.40	7 P	PKPpre	10 42 46.0
E58A	La Victoria 140.44	11 P	PKPpre	10 42 46.3
U40A	Yellville 140.52	39 P	PKPpre	10 42 47.0
D63A	Stockholm 140.54	6 P	PKPpre	10 42 45.8
L47A	Sherwood 140.57	26 P	PKPpre	10 42 46.5
CFA	Coronel Fontan 140.60	173 SKPbc	SKPbc	10 46 01.6 -0.6
W39A	Magazine 140.63	41 P	PKPpre	10 42 47.3
I51A	Listowel 140.70	21 P	PKPpre	10 42 47.2
G55A	Calabogie 140.71	15 P	PKPpre	10 42 47.1
E60A	Ste Agathe de 140.77	9 P	PKPpre	10 42 47.0
H53A	Bobcaygeon 140.81	18 P	PKPpre	10 42 47.4
E61A	Lac Etchemin 140.85	8 P	PKPpre	10 42 48.1
L48A	N Adams 140.94	26 P	PKPpre	10 42 47.8
SFIN	Lafayette 140.94	30 P	PKPpre	10 42 47.7
F60A	Warwick 141.07	10 P	PKPpre	10 42 48.9
L49A	Milan 141.08	25 P	PKPpre	10 42 49.0
MIAR	Mount Ida 141.16	42 P	PKPpre	10 42 49.9
E64A	Brigewater 141.18	5 P	PKPpre	10 42 48.7
F61A	St Evariste 141.22	9 P	PKPpre	10 42 49.5
N47A	Urbana 141.23	28 P	PKPpre	10 42 48.7
H54A	Tweed 141.24	16 P	PKPpre	10 42 49.0
G57A	Newington 141.28	14 P	PKPpre	10 42 49.9
H56A	Elgin 141.45	15 P	PKPpre	10 42 49.8
M49A	Liberty Center 141.52	26 P	PKPpre	10 42 51.6
L50A	Kingsville 141.53	24 P	PKPpre	10 42 51.3
N48A	Decatur 141.55	27 P	PKPpre	10 42 49.8
W41B	Gary Mavity, V 141.65	40 P	PKPpre	10 42 50.4
F64A	Sherman 141.68	6 P	PKPpre	10 42 50.8
G52A	Tilsonburg 141.70	21 P	PKPpre	10 42 51.5
K59A	Clarenceville 141.70	12 P	PKPpre	10 42 50.5
F63A	Nahmanta, Br 141.75	7 P	PKPpre	10 42 51.1
G61A	St-Isidore-de- 141.81	10 P	PKPpre	10 42 50.8
N49A	Columbus Grove 141.88	26 P	PKPpre	10 42 51.1
M50A	Fremont 141.97	25 P	PKPpre	10 42 50.6
O48A	Farmland 141.97	28 P	PKPpre	10 42 51.2
H59A	Cadyville 142.01	13 P	PKPpre	10 42 51.9
H58A	Gabriels 142.12	13 P	PKPpre	10 42 51.6
I57A	Carthage 142.21	15 P	PKPpre	10 42 52.2
J55A	Hilton 142.23	18 P	PKPpre	10 42 50.1

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G64A	Maxfield 142.24	7 P	PKPpre	10 42 52.6
G63A	Kingsbury 142.26	8 P	PKPpre	10 42 53.2
H60A	Morristown 142.29	11 P	PKPpre	10 42 53.3
O49A	Covington 142.40	27 P	PKPpre	10 42 53.2
Z41A	Richland Creek 142.44	43 P	PKPpre	10 42 53.8
N50A	Nevada 142.45	26 P	PKPpre	10 42 53.4
H61A	Lynxville 142.47	11 P	PKPpre	10 42 53.8
P48A	Milroy 142.47	29 P	PKPpre	10 42 52.6
J56A	Woods 142.50	17 P	PKPpre	10 42 52.8
M52A	Chesterland 142.53	23 P	PKPpre	10 42 53.9
K54A	Basiliko Farm, 142.54	19 P	PKPpre	10 42 52.9
L53A	Girard 142.58	21 P	PKPpre	10 42 53.6
J57A	Williamstown 142.62	16 P	PKPpre	10 42 53.4
I58A	Old Forge 142.62	14 P	PKPpre	10 42 53.7
K55A	Perry 142.64	18 P	PKPpre	10 42 53.6
H63A	New Sharon 142.65	8 P	PKPpre	10 42 54.2
L54A	Sinclairville 142.67	20 P	PKPpre	10 42 53.8
Q48A	North Vernon 142.73	30 P	PKPpre	10 42 54.0
P49A	Miami Univ. Ec 142.75	28 P	PKPpre	10 42 53.9
O50A	Cable 142.76	27 P	PKPpre	10 42 54.0
H64A	Troy 142.78	7 P	PKPpre	10 42 54.1
H66A	Whiting 142.85	5 P	PKPpre	10 42 54.9
J58A	Remsen 142.85	15 P	PKPpre	10 42 54.9
I60A	Shoreham 142.86	12 P	PKPpre	10 42 54.7
M53A	WJ Miller and 142.88	22 P	PKPpre	10 42 54.2
K56A	Middlesex 142.89	18 P	PKPpre	10 42 54.4
J59A	Plesco 142.94	14 P	PKPpre	10 42 54.6
ACSO	Alum Creek Sta 142.97	26 P	PKPpre	10 42 54.7
WCI	Wyandotte Cave 142.98	31 PKIKP	PKPpdf	10 42 54.8 -3.5
WCI	Wyandotte Cave 142.98	31 P	PKPpdf	10 42 54.8 -3.5
I61A	Oroboro, Fairl 143.00	11 P	P	10 42 55.7
L55A	Hinsdale 143.01	19 P	PKPab	10 42 55.1 +0.7
Q49A	Aurora 143.08	29 P	PKPab	10 42 55.2 +0.5
K57A	Scipio Center 143.10	17 P	PKPab	10 42 55.2 +0.6
P50A	Jamestown 143.11	27 P	PKPab	10 42 55.1 +0.3
I63A	Otisfield 143.16	9 P	PKPbc	10 42 55.9 -0.4
M54A	Oil Creek Stat 143.19	21 P	PKPab	10 42 55.5 +0.5
O51A	Pataskala 143.20	26 P	PKPab	10 42 55.5 +0.4
K58A	Earlville 143.31	16 P	PKPbc	10 42 56.1 -0.7
L56A	Greenwood 143.33	18 P	PKPab	10 42 55.8 +0.2
N53A	Lisbon 143.36	23 P	PKPab	10 42 56.1 +0.4
J60A	Lant Hill Farm 143.40	13 P	PKPab	10 42 56.2 +0.4
I64A	Boothbay 143.44	8 P	PKPbc	10 42 56.3 -0.7
J61A	Chester 143.49	12 P	PKPbc	10 42 57.1 -0.1
R49A	Shelbyville 143.50	30 P	PKPbc	10 42 57.1 -0.3
O52A	Cooperstown 143.51	15 P	PKPab	10 42 56.6 +0.3
M55A	Ridgway 143.54	20 P	PKPab	10 42 56.8 +0.3
O52A	Adamsville 143.55	25 P	PKPab	10 42 56.7 +0.1
P51A	Williamport 143.55	27 P	PKPab	10 42 56.3 -0.2
N54A	Moraine State 143.55	22 P	PKPab	10 42 56.7 +0.2
Q50A	Georgetown 143.64	28 P	PKPab	10 42 57.0 +0.1
L57A	Andrews Acres 143.67	18 P	PKPab	10 42 57.1 +0.1
WVT	Waverly 143.69	35 P	PKPab	10 42 57.3 +0.1
O53A	New Philadelph 143.69	24 P	PKPab	10 42 57.3 +0.2
M56A	Soes Landing, 143.71	43 P	PKPbc	10 42 58.6 +0.4
143A	Emporium 143.72	20 P	PKPab	10 42 57.3 +0.1
J62A	Henniker 143.75	11 P	PKPbc	10 42 58.1 +0.2
Q51A	Peebles 143.79	27 P	PKPab	10 42 57.6 0.0
P52A	Corning 143.83	25 P	PKPab	10 42 57.5 -0.1
J63A	Stratford 143.83	10 P	PKPbc	10 42 58.3 +0.1
S49A	Springfield 143.84	31 P	PKPab	10 42 57.9 +0.2
K60A	Five Rivers En 143.89	14 P	PKPbc	10 42 58.4 0.0
L58A	Harry Jones Me 143.92	16 P	PKPbc	10 42 58.1 -0.4
R50A	Paris 143.92	29 P	PKPab	10 42 57.9 -0.1
K61A	Williamstown 143.99	13 P	PKPbc	10 42 58.6 -0.1
L59A	Walton 144.01	15 P	PKPab	10 42 58.4 +0.1
N55A	Marion Center 144.07	21 P	PKPbc	10 42 58.4 -0.2
O54A	Avella 144.08	23 P	PKPbc	10 42 58.8 -0.2
N56A	West Decatur 144.19	20 P	PKPab	10 42 59.0 0.0
M57A	Sunshine Farm, 144.19	18 P	PKPbc	10 42 59.2 -0.1
K62A	Royalston 144.21	12 P	PKPbc	10 42 59.7 +0.4
T49A	Edmonton 144.23	32 P	PKPbc	10 42 59.4 -0.2
P53A	Whipple 144.26	25 P	PKPab	10 42 58.9 -0.4
R51A	Whipple 144.26	25 P	PKPbc	10 42 59.4 -0.2
P54A	Hillsboro 144.28	28 P	PKPab	10 42 58.8 -0.5
K63A	Dunstable 144.31	11 P	PKPbc	10 42 59.8 +0.2
L61B	Northampton 144.32	12 P	PKPbc	10 42 59.5 -0.1
Q52A	Bidwell 144.32	26 P	PKPab	10 42 59.1 -0.4
S50A	Richmond 144.36	30 P	PKPab	10 42 59.3 -0.4
M58A	Price's Panora 144.37	18 P	PKPbc	10 42 59.7 -0.2
L61A	Hillsdale 1, H 144.37	14 P	PKPbc	10 42 59.9 0.0
L60A	Shokan 144.41	15 P	PKPbc	10 42 59.9 -0.1
O55A	Ligonier 144.46	22 P	PKPab	10 42 59.8 -0.3
HRV	Adam Dziewonski 144.50	11 PKIKP	PKPbc	10 43 00.2 0.0

HRV	Adam Dziewonski 144.50	11	PKPbc	10 43 00.2 +0.1
HRV	Adam Dziewonski 144.50	11 P	PKPpdf	10 43 00.4 -0.4
M59A	Wymart 144.51	21 P	PKPbc	10 43 00.1 -0.2
P54A	Burton 144.53	24 P	PKPbc	10 43 00.5 +0.1
V48A	Smith Brothers 144.54	35	PKPab	10 42 59.8 -0.7
SSPA	Standing Stone 144.58	20	PKPab	10 43 00.2 -0.2
SSPA	Standing Stone 144.58	20 P	PKPab	10 43 00.3 -0.2
T50A	Nancy 144.65	31 P	PKPbc	10 43 00.5 -0.3
R52A	Cattletburg 144.67	27 P	PKPbc	10 43 00.3 -0.6
O56A	Blue Knob Stat 144.67	21 P	PKPbc	10 43 00.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like V56A Mocksville, K54C Belton, XMSC Kings Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KEA 06:10:31.26.6-0.0, 40.65N, 122.71E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ Waioamataini S, PKGZ Pakihiroa, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:11:13.38.4-3.9, 5.34S, 130.37E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:11:17.18.0-0.4, 86.07N, 26.91E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:11:17.19.4-0.3, 85.87N, 104.24E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZF12 Zemlya Franca, NOR Nord, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBS Kingsbay, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, SPITS Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, HOPEN Hopen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRO ARCES Array S, ARA0 ARCES Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ Waioamataini S, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APA0 Apatity Array, APA Apatity, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NR1K Noril'sk, NR1K Tamitsa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like C36M Paulutuk, FIA0 FINESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BILL Bilibino, TOLK Toolik Lake Re, etc.

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

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

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

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

PDSI	Padang	80.98	273	P	P	14 43 02.2	-0.2
HUMO	Huli Mountain	82.04	38	P	Iamb	14 43 09.0	+1.8
HUMO	comp-Z,12nm,0.5s					14 43 09.7	
KDAK	Kodiak Island	82.05	14	P	P	14 43 07.3	+0.6
KDAK	comp-Z,39nm,1.4s						
KDAK	Kodiak Island	82.05	14	P	P	14 43 07.0	+0.3
KDAK	comp-Z,17nm,1.0s,baz=222,slow=4.0,SNR=14						
KDAK	Kodiak Island	82.05	14	P	P	14 43 07.0	+0.3
KDAK	comp-Z,31nm,1.3s						
KDAK	Kodiak Island	82.05	14	P	P	14 43 07.0	+0.3
GRNR	Gorny	82.09	333	i/P	P	14 43 08.4	+1.3
GRNR	comp-Z,20nm,0.9s						
GRNR	comp-Z,90nm,14.0s			MLR	MLR		
NVAR	Mina Array Bea	82.37	44	P	P	14 43 10.2	+1.1
NVAR	comp-Z,3.2nm,0.6s,baz=224,slow=7.5,SNR=19						
IPM	Iloh	82.46	276	P	P	14 43 10.6	+0.8
IPM	comp-Z,0.1nm,0.4s,baz=64,slow=3.5,SNR=4.4						
IPM	Iloh	82.46	276	P	P	14 43 11.8	
IPM	comp-Z,56nm,0.8s						
CN2	Changchung	82.46	323	eP	P	14 43 11.0	+1.1
CN2	comp-Z,3.2nm,0.6s,baz=224,slow=7.5,SNR=19						
CN2	Changchung	82.46	323	eP	P	14 43 10.4	+0.3
KVN	Kaiserville	82.85	43	P	P	14 43 12.6	+1.1
KVN	comp-Z,20nm,0.8s						
KVN	Kaiserville	82.85	43	P	P	14 43 12.6	+1.1
KVN	comp-Z,11nm,1.2s						
KLR	Kul'dur	83.04	330	d/P	P	14 43 12.9	+1.0
KULM	Kulim	83.11	278	P	Iamb	14 43 13.8	+0.7
KULM	comp-Z,16nm,0.9s						
KULM	Kulim	83.11	278	P	P	14 43 15.0	+1.9
RPSI	Rantau Prapat	83.73	275	P	Iamb	14 43 16.3	+0.1
RPSI	comp-Z,20nm,0.8s						
PSI	Prapat	83.77	275	P	P	14 43 16.3	-0.2
PSI	comp-Z,20nm,0.8s						
CNPM	China Poot	83.93	14	Iamb	Iamb	14 43 17.2	
CNPM	comp-Z,29nm,0.9s						
BRLK	Bradley Lake	84.23	14	Iamb	Iamb	14 43 18.5	
BRLK	comp-Z,20nm,0.9s						
SWV2	Sparrevohc	84.51	11	P	P	14 43 17.7	-1.2
MA2	Magadan	84.60	345	P	P	14 43 19.2	-0.1
MA2	comp-Z,16nm,0.8s,baz=147,slow=6.6,SNR=6.4						
MA2	Magadan	84.60	345	eP	P	14 43 18.9	-0.5
MA2	comp-Z,14nm,0.8s						
MA2	Magadan	84.60	345	P	P	14 43 18.5	-0.8
MA2	Seward	84.86	14	Iamb	Iamb	14 43 22.2	
319A	Douglas	84.95	54	P	P	14 43 20.0	-1.9
KCSI	Kotacane, Aceh	85.11	276	P	P	14 43 23.1	+0.2
KCSI	comp-Z,597nmcomp=82.46nm,0.7s						
TPTI	Tasman	85.25	275	P	P	14 43 26.1	+1.0
RC01	Rabbit Creek A	85.67	14	Iamb	Iamb	14 43 26.5	
RC01	comp-Z,40nm,1.2s						
SUA	Susitna One	85.79	13	Iamb	Iamb	14 43 25.8	
SUA	comp-Z,27nm,0.6s						
HIN	Hinchinbrook I	85.82	15	Iamb	Iamb	14 43 27.3	
HIN	comp-Z,41nm,1.2s						
ENH	Enshi	85.97	305	Iamb	Iamb	14 43 28.9	
FID	Port Fidalgo	86.13	15	Iamb	Iamb	14 43 27.5	
FID	comp-Z,20nm,0.8s						
EYAK	Cordova Ski Ar	86.14	16	Iamb	Iamb	14 43 28.3	
EYAK	comp-Z,15nm,0.8s						
KNK	Knik Glacier	86.24	14	Iamb	Iamb	14 43 28.2	
KNK	comp-Z,20nm,0.7s						
PMR	Palmer	86.25	14	Iamb	Iamb	14 43 29.1	
PMR	comp-Z,27nm,1.1s						
SML	Sawmill	86.62	14	Iamb	Iamb	14 43 44.4	
SML	comp-Z,27nm,1.2s						
SCM	Sheep Creek Mo	86.87	14	P	P	14 43 30.4	+0.2
SCM	comp-Z,57nm,0.6s						
SCM	Sheep Creek Mo	86.87	14	P	P	14 43 30.4	+0.2
SCM	comp-Z,24nm,0.6s						
SNOA	Sanae	86.96	179	P	P	14 43 31.5	+0.9
SNOA	comp-Z,15nm,0.8s						
SNOA	Crigue	86.99	17	Iamb	Iamb	14 43 33.0	+0.3
TGL	Tana Glacier	87.08	17	Iamb	Iamb	14 43 32.7	
TGL	comp-Z,30nm,1.2s						
VNA3	Neumayer Olymp	87.12	177	P	P	14 43 32.7	+1.3
SEY	Seymchan	87.23	347	i/P	P	14 43 32.1	-0.6
PCA	Pinnacle	87.25	18	Iamb	Iamb	14 43 34.5	
PCA	comp-Z,20nm,0.8s						
GLB	Gilahina Butte	87.40	16	P	P	14 43 33.0	+0.3
GLB	comp-Z,18nm,0.6s						
B3LM	Baldy	87.44	17	P	P	14 43 33.5	+0.6
B3LM	comp-Z,24nm,0.6s						
MARA	McCarthy VSAT	87.55	16	P	P	14 43 33.7	+0.4
MARA	comp-Z,27nm,0.9s						
VNA2	Neumayer-Watz	87.56	177	P	P	14 43 35.1	+1.8
VNA2	comp-Z,17nm,0.8s						
B08A	Koville Reser	87.58	35	P	P	14 43 33.7	-0.1
KTH	Kantishna Hill	87.64	12	Iamb	Iamb	14 43 32.7	-1.0
KTH	comp-Z,15nm,0.8s						
BARN	Barnard Glacier	87.65	17	Iamb	Iamb	14 43 35.6	
BARN	comp-Z,25nm,0.8s						
CTGM	Chitina Glacier	87.66	17	Iamb	Iamb	14 43 35.5	
CTGM	comp-Z,25nm,0.8s						
XAN	Xian	88.13	308	P	P	14 43 38.0	+1.2
XAN	comp-Z,25nm,0.8s						
ZEA	Zeya	88.17	331	eP	P	14 43 37.0	+0.6
ZEA	comp-N,24nm,1.0s						
ZEA	Zeya	88.17	331	eP	P	14 43 37.0	+0.6
ZEA	comp-N,24nm,1.0s						
TXAR	Lajitas Array	88.33	58	P	P	14 43 39.7	+1.8
TXAR	comp-Z,4.0nm,1.0s,baz=224,slow=5.0,SNR=22						
TXAR	Lajitas Array	88.33	58	P	P	14 43 39.9	+2.1
TXAR	comp-Z,1.0nm,1.0s,baz=211,slow=6.3,SNR=4.3						
TXAR	Lajitas Array	88.33	58	P	P	14 43 39.9	+2.1
TXAR	comp-Z,1.0nm,1.0s,baz=211,slow=6.3,SNR=4.3						
MLY	Manley	89.01	12	Iamb	Iamb	14 43 40.1	
RIDG	Independent Ri	89.10	14	P	P	14 43 40.0	0.0
RIDG	comp-Z,15nm,1.0s						
KMI	Kunming	89.11	297	P	P	14 43 40.7	-1.0
KMI	comp-Z,17nm,0.5s						
PLCA	Paso Flores	89.13	134	P	P	14 43 43.2	+1.8
PLCA	comp-Z,3.3nm,0.8s,baz=224,slow=4.0,SNR=9.7						
PLCA	Paso Flores	89.13	134	P	P	14 43 43.2	+1.8
PLCA	comp-Z,4.0nm,0.9s						
PLCA	Paso Flores	89.13	134	Iamb	Iamb	14 43 44.4	
PLCA	comp-Z,2.2nm,0.9s						
DOT	Dot Lake	89.21	15	Iamb	Iamb	14 43 42.1	
DOT	comp-Z,15nm,0.8s						
HDA	Harding Lake	89.21	13	Iamb	Iamb	14 43 41.5	
HDA	comp-Z,15nm,0.8s						
BCAR	Beaver Creek A	89.28	16	P	P	14 43 41.9	+0.5
BCAR	comp-Z,14nm,1.1s						
WHY	Whitehorse	89.34	20	Iamb	Iamb	14 43 44.6	
WHY	comp-Z,14nm,1.1s						
IMDR	Indian Mountai	89.35	10	P	P	14 43 42.0	+0.4
IMDR	comp-Z,14nm,1.1s						
IMDR	Murphy Dome	89.43	13	Iamb	Iamb	14 43 43.3	
IMDR	comp-Z,22nm,1.0s						
COLA	College	89.43	13	P	P	14 43 41.4	-0.5
COLA	comp-Z,23nm,0.7s						
COLA	Hu-ho-hao-te	89.52	315	eP	P	14 43 41.4	-0.5
COLA	comp-Z,78nm,1.2s						
HHC	Hu-ho-hao-te	89.52	315	eP	P	14 43 42.2	-0.2
HHC	comp-Z,340nm,5.8s						
IL31	Elison Array	89.54	13	P	P	14 43 41.9	-0.6
IL31	comp-Z,17nm,1.1s						

ILAR	comp-Z,6.5nm,0.5s,baz=218,slow=5.3,SNR=96					14 48 35.1	-0.3
ILAR	Elison Array	89.54	13	P	P	14 43 41.8	-0.7
ILAR	comp-Z,17nm,0.8s,baz=134,slow=3.2,SNR=117						
CMAR	Chiang Mai Arr	89.70	290	P	P	14 43 46.5	+2.2
CMAR	Chiang Mai Arr	89.70	290	P	P	14 43 46.7	+2.4
CMAR	Chiang Mai Arr	89.70	290	P	P	14 43 46.7	+2.4
CHTO	Chiang Mai	89.84	290	P	P	14 43 45.2	+0.2
CHTO	comp-Z,19nm,0.8s						
CHTO	Chiang Mai	89.84	290	P	P	14 43 45.2	+0.2
CHTO	comp-Z,19nm,0.8s						
BILL	Bilibino	90.02	354	eP	P	14 43 44.6	0.0
BILL	comp-Z,19nm,1.1s						
BILL	Bilibino	90.02	354	P	Iamb	14 43 45.2	+0.6
BILL	comp-Z,12nm,0.7s						
PDAR	Pinedale Array	90.31	44	P	P	14 43 47.5	+0.7
PDAR	comp-Z,5.9nm,1.0s,baz=211,slow=3.5,SNR=22						
CD2	Chengdu	90.68	303	P	P	14 43 46.4	-0.4
CD2	comp-Z,20nm,0.5s						
DAWY	Dawson	90.72	16	Iamb	Iamb	14 43 50.4	
DAWY	comp-Z,12nm,0.8s						
EGAK	Eagle	90.85	15	Iamb	Iamb	14 43 49.7	
EGAK	comp-Z,10nm,0.8s						
BMAR	Burnt Mountain	92.32	13	P	P	14 43 55.4	+0.1
LZH	Lanzhou	92.77	308	eP	P	14 44 03.3	+5.0
LZH	comp-Z,16nm,1.1s						
LZH	Lanzhou	92.77	308	eP	P	14 45 57.6	-10
LZH	comp-Z,16nm,1.1s						
LZH	Lanzhou	92.77	308	eP	P	14 46 57.8	-9.0
LZH	comp-Z,78nm,6.0s						
YAK	Yakutsk	92.80	338	eP	P	14 43 56.8	-0.7
YAK	comp-Z,23nm,0.9s						
YAK	Yakutsk	92.80	338	eP	P	14 43 56.8	-0.7
YAK	comp-Z,23nm,0.9s						
YAK	comp-E,4.0nm,1.0s						
YAK	Yakutsk	92.80	338	eP	P	14 43 56.8	-0.7
YAK	comp-E,4.0nm,1.0s						
INK	Inuvik	95.52	15	P	P	14 44 09.3	-0.5
INK	comp-N,4.0nm,1.1s						
INK	Inuvik	95.52	15	P	P	14 44 09.3	-0.5
INK	comp-N,4.2nm,0.9s,baz=190,slow=3.2,SNR=10						
INK	Inuvik	95.52	15	P	P	14 48 14.7	+3.0
SONM	Songino Array	96.03	319	P	P	14 44 12.5	-0.2
SONM	comp-N,0.8nm,0.4s,baz=130,slow=3.5,SNR=8.3						
SONM	Songino Array	96.03	319	P	P	14 48 20.6	+4.4
SONM	comp-N,1.3nm,1.0s,baz=112,slow=6.6,SNR=3.8						
SONM	Songino Array	96.03	319	P	P	14 44 12.5	-0.2
SONM	comp-Z,2.0nm,1.1s						
SONM	Songino Array	96.03	319	P	P	14 44 12.5	-0.2
SONM	comp-Z,2.0nm,1.1s						
GTA	Gaotai	97.02	310	eP	P	14 44 18.3	+0.9
GTA	comp-Z,2.0nm,0.9s						
GTA	Gaotai	97.02	310	eP	P	14 46 27.2	+0.2
GTA	comp-Z,2.0nm,0.9s						
YKA	Yellowknife Ar	97.83	25	P	P	14 44 20.3	+0.1
YKA	comp-Z,1.0nm,0.8s,baz=240,slow=4.0,SNR=13						
YKA	Yellowknife Ar						

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

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ATH 06 14:33:22.8, 38°14'N-20°39'E, h14km, 1km, ML2.5/4, Error ellipse: s-maj=1.8km s-min=1.0km az=46.0 THE 06 14:33:23.1, 38°15'N-20°42'E, h16km, ML2.6/6, Error ellipse: s-maj=1.0km s-min=0.6km az=243.0

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

DJA 06 14:46:44.7±0.5, 7°S±12°x107'E, h123km±4km, M4.0/13, mB5.4/1, mb4.6/2, MLV3.7/13, Mw(mB)4.9/1, Jawa

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

BUD 06 14:49:19.0, 48°00'N-20°14'E, h0km±6km, ML1.1/41, KRSZO 06 14:49:19.0±1.2, 47.99N-20.13E, h2km±10km, ML1.4, 2D, Error ellipse: s-maj=5.5km s-min=4.2km az=153.0,

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

APE	Apeiranthos	4.81 285	iP	Pn	15 16 31.3 -0.8
STAX	Taxiarhis Har	4.82 277	P	Pn	15 16 31.7 -0.4
THR3	Thira Island,	4.82 277	P	Pn	15 16 31.7 -0.5
THR3	Thira Island,	4.82 277	P	Pn	15 16 31.6 -0.6
CMBO	Columbo, Santo	4.82 278	P	Pn	15 16 31.6 -0.6
LAST	Lastini	4.83 263	P	Pn	15 16 32.0 0.0
ELDT	Eldivan	4.84 19	iP	Pn	15 16 32.1 -0.5
ELDT					15 17 33.0
	comp=Z,53nm,1.3s				
MML1	Mount Malkishu	4.86 135	Pn	Pn	15 16 33.8 +0.9
MML1					15 17 27.9 0.0
CHOS	Chios island	4.87 302	P	Pn	15 16 32.5 -0.5
GAZ	Gaziantep	4.89 74	P	Pn	15 16 34.0 +0.7
BCAM	Yenicaga	4.91 7	iP	Pn	15 16 32.9 -0.6
BCAM					15 17 29.0
	comp=Z,94nm,0.7s				
SAHE	Sakarya_HENDEK	4.92 356	iP	Pn	15 16 33.9 +0.3
SAHE					15 17 36.0
	comp=Z,32nm,0.5s				
YIGI	Dzce	5.02 1	iP	Pn	15 16 35.4 +0.4
YIGI					15 17 46.0
	comp=Z,34nm,0.6s				
QRNJ	Al-Qirein	5.03 134	Pn	Pn	15 16 36.0 +1.0
HMDT	Nahal Hemdat	5.06 135	Pn	Pn	15 16 36.6 +1.1
HMDT					15 17 33.4 +0.8
COAL	Corum-Alaca	5.19 33	iP	Pn	15 16 38.7 +1.4
COAL					15 18 18.0
	comp=Z,75nm,1.1s				
GZT	Gaziantep	5.21 72	iP	Pn	15 16 38.9 +1.2
GZT					15 17 55.0
	comp=Z,147nm,0.4s				
ELBS	KAHRAMANMARAS,21	61	iP	Pn	15 16 39.0 +1.3
ELBS					15 18 09.0
	comp=Z,134nm,1.2s				
CUSAR	Sarkisla-SIVAS	5.22 47	iP	Pn	15 16 40.4 +2.5
CUSAR					15 18 34.0
	comp=Z,30nm,1.0s				
KAND	Kocaeli-Kandir	5.23 351	iP	Pn	15 16 37.9 +0.1
KAND					15 17 37.0
	comp=Z,38nm,1.0s				
IDI	Anoyis	5.29 265	P	Pn	15 16 38.2 -0.5
IDI					15 17 35.8 -2.4
	comp=Z,30nm,0.3s,baz=26,slow=4,SNR=190				
	comp=Z,16nm,0.3s,baz=113,slow=20,SNR=5.0				
AMAZ	Amatzia	5.31 145	Pn	Pn	15 16 39.7 +0.7
RSH		5.35 157	P	Pn	15 16 40.2 +0.7
	baz=156				
BAVC	CANAKKALE_Bayr	5.36 317	iP	Pn	15 16 39.0 -0.7
BAVC					15 17 45.0
	comp=Z,64nm,0.7s				
ILGA	ilgaz	5.44 19	iP	Pn	15 16 40.8 -0.2
ILGA					15 17 48.0
	comp=Z,27nm,1.0s				
ILGA	ilgaz	5.44 19	Pn	Pn	15 16 39.7 -1.2
HBRG	Burj al Arab	5.49 194	P	Pn	15 16 43.2 +1.8
HBRG					15 17 40.4 -2.8
	baz=193				
DSI	Dead Sea	5.51 141	Pn	Pn	15 16 43.1 +1.5
YTR1	Yatir	5.54 144	Pn	Pn	15 16 43.9 +1.0
YTR1					15 17 44.4 -0.3
PELI	Kastamonu-Ara	5.58 16	iP	Pn	15 16 42.6 -0.1
KZIT	Kzist	5.63 152	Pn	Pn	15 16 44.0 +0.6
KZIT					15 17 45.4 -1.3
AKCD	Akcadag	5.77 64	iP	Pn	15 16 46.5 +1.2
AKCD					15 18 39.0
	comp=Z,99nm,1.1s				
GHAJ	Ghor Haditha	5.81 141	Pn	Pn	15 16 47.3 +1.5
ASF	Jabal al Asfar	5.95 127	P	Pn	15 16 49.5 +1.7
ASF					15 18 00.7 +6.0
	comp=Z,5.4nm,0.3s,baz=279,slow=14,SNR=30				
HHAG	Hagoal	6.00 174	P	Pn	15 16 49.2 +0.7
HHAG					15 17 51.6 -4.2
	baz=172				
HHAG					15 18 00.0
	baz=172				
KOT	Kottamia	6.00 176	P	Pn	15 16 49.3 +0.8
KOT					15 17 53.1 -2.8
	baz=174				
KARJ	KARJ	6.01 142	Pn	Pn	15 16 39.0 -9.5
SUZ	Suez	6.21 168	Pn	Pn	15 16 52.6 +1.3
HSAF	As Saff	6.30 178	P	Pn	15 16 53.5 +1.0
HSAF					15 16 54.0 +1.3
HNAT	Natroun	6.31 186	P	Pn	15 16 54.0 +1.3
GNL	Jalalah	6.35 177	P	Pn	15 16 54.2 +1.0
GNL					15 16 53.9 +0.5
PRNI	Paran	6.36 150	Pn	Pn	15 16 53.9 +0.5
PRNI					15 16 52.2 +1.1
BZK	Bokzurt	6.37 18	iP	Pn	15 16 55.2 +1.9
ALN	Alexandroupoli	6.46 322	Pn	Pn	15 16 54.2 -0.5
ALN	Alexandroupoli	6.46 322	Pn	Pn	15 16 54.2 -0.5
DIKM	Dikmen	6.48 27	iP	Pn	15 16 58.8 +3.9
HRFI	Mount Harif	6.65 15	Pn	Pn	15 16 57.8 +0.4
HRFI					15 18 11.9 +0.1
ZNM	Zenema	6.67 168	S	Pn	15 18 09.9 -2.2
SLUM	Salum	6.75 231	P	Pn	15 16 57.8 -0.9
SLUM					15 17 00.3 +0.5
MBRI	Mit Berech	6.82 153	Pn	Pn	15 17 00.3 +0.5
MBRI					15 18 16.5 +0.4
EIL	Elat	6.95 153	Pn	Pn	15 17 02.4 +0.9
EIL					15 18 19.6 +0.5
	comp=Z,2.1nm,0.3s,baz=338,slow=10,SNR=29				
EIL	Elat	6.95 153	Pn	Pn	15 17 01.7 +0.3
HBST	Basata	7.29 156	P	Pn	15 17 07.8 +1.7
HBST					15 17 06.3 +0.3
NBNS	Bani Suef	7.29 180	P	Pn	15 17 06.3 +0.3
NBNS					15 18 23.4 -4.0
	baz=179				
ITM	Ithomi	7.67 282	P	Pn	15 17 11.4 +0.1
HDHB	Dhahab	7.71 158	P	Pn	15 17 11.7 -0.1
HKAT	Jabal Katrina	7.73 162	P	Pn	15 17 12.3 +0.1
HKAT					15 19 00.0
	baz=161				
AGG	Agios Georgios	7.79 296	P	Pn	15 17 08.8 -4.1
AGG	Agios Georgios	7.79 296	P	Pn	15 17 08.8 -4.1
LIT	Litokhoron	8.12 303	Pn	Pn	15 17 18.2 +0.8
LIT	Litokhoron	8.12 303	Pn	Pn	15 17 18.2 +0.8
ELND	Elena	8.16 331	iP	Pn	15 17 18.7 +0.8
TR1	Tor 1	8.21 164	P	Pn	15 17 19.0 +0.3
TAMRE	El Minia	8.23 183	P	Pn	15 17 19.8 +0.8
TAMRE					15 17 18.9 -1.1
SWA2		8.31 218	P	Pn	15 17 24.0 +1.1
ASUT		8.51 179	P	Pn	15 17 25.9 -0.5
SEV	Sevastopol'	8.78 11	eS	Pn	15 19 03.3 -0.5
SEV					15 17 24.8 -1.8
TIRR	Tirgusor	8.80 346	Pn	Pn	15 17 24.8 -1.8
TIRR	Tirgusor	8.80 346	Pn	Pn	15 17 24.8 -1.8
HFRF	Wahat Farafira	9.13 197	P	Pn	15 17 31.2 0.0
HFRF					15 19 00.0
	baz=197				
VTS	Vitoshia	9.16 319	iP	Pn	15 17 31.8 +0.1
VTS	Vitoshia	9.16 319	iP	Pn	15 17 31.8 +0.1
VTS	Vitoshia	9.16 319	iP	Pn	15 17 30.4 -1.3
FNA	Florida	9.19 305	P	Pn	15 17 27.2 -4.9
FNA	Florida	9.19 305	P	Pn	15 17 27.2 -4.9
SIM	Simferopol'	9.25 12	eP	Pn	15 17 34.9 +2.1
SIM					15 19 19.0 +3.7
	comp=Z,28nm,0.9s				
SUDU	Sudak	9.37 16	eS	Pn	15 17 35.3 +0.9
SUDU					15 19 18.0 -0.2
CFR	Carcaiu	9.55 346	iP	Pn	15 17 38.8 +2.0
CFR	Carcaiu	9.55 346	iP	Pn	15 17 38.8 +2.0
BOCA	Borca	9.74 53	iP	Pn	15 17 42.2 +2.6
SOC	Sochi	10.00 38	eP	Pn	15 17 43.0 0.0
SOC					15 19 36.1
	comp=Z,15nm,0.7s				
SOC					15 19 00.0

MLR	Muntele Rosu	10.38 339	P	Pn	15 17 51.3 +2.9
MLR					15 19 44.6 +1.4
	comp=Z,125nm,11.0s				
MLR	Muntele Rosu	10.38 339	P	Pn	15 17 51.1 +2.7
MLR	Muntele Rosu	10.38 339	iP	Pn	15 17 51.1 +2.7
MLR	Muntele Rosu	10.38 339	P	Pn	15 17 46.4 -2.0
GTR	Jabal at Tayr	10.41 184	P	Pn	15 17 49.2 +0.5
	baz=184				
VRI	Vrincioia	10.51 342	iP	Pn	15 17 52.0 +1.9
VRI	Vrincioia	10.51 342	iP	Pn	15 17 52.0 +1.9
PLOP	Plostina	10.52 342	iP	Pn	15 17 53.0 +2.8
PLOP	Plostina	10.52 342	iP	Pn	15 17 53.0 +2.8
VOIR	Volcans	10.62 335	iP	Pn	15 17 54.4 +2.9
VOIR					15 17 54.4 +2.9
ARR	Arges	10.70 334	iP	Pn	15 17 55.1 +2.4
AKH	Akhalkalaki	10.96 56	P	Pn	15 17 53.9 -2.5
AKH	Akhalkalaki	10.96 56	P	Pn	15 17 53.9 -2.5
DOPR	Dopca	10.98 338	iP	Pn	15 17 57.9 +1.5
HERR	Herculaneu	11.22 326	iP	Pn	15 18 00.7 +1.0
GNI	Garni	11.38 64	eP	Pn	15 18 06.1 +4.0
	comp=Z,0.6nm,0.3s,baz=282,slow=8.0,SNR=3.7				
GNI					15 23 11.2
	comp=Z,212nm,18.4s,baz=248,slow=41				
GNI	Garni	11.38 64	eP	Pn	15 18 03.4 +1.3
	comp=Z,44nm,1.7s				
GNI	Garni	11.38 64	Pn	Pn	15 18 02.1 0.0
NEY	Nejtin	11.42 47	iP	Pn	15 18 04.7 +2.1
GZR	Georgia Zlata	11.46 328	P	Pn	15 18 03.4 +0.8
MDVR	Moldovita	11.48 323	iP	Pn	15 18 03.9 +0.7
SHA1	Shidzhatmaz	11.68 45	iP	Pn	15 18 08.4 +2.2
KBZ	Khabaz	11.81 45	P	Pn	15 18 09.8 +2.1
	comp=Z,0.2nm,0.3s,baz=232,slow=9.9,SNR=13				
KBZ	Kislovodsk	11.83 44	iP	Pn	15 18 10.0 +2.3
KIV	Kislovodsk	11.83 44	eP	Pn	15 18 12.3 +4.2
KIV					15 18 11.1 +3.0
	comp=Z,84nm,1.0s				
KIV					15 18 07.8 -0.3
	comp=Z,90nm,11.0s				
KIV	Kislovodsk	11.83 44	P	Pn	15 18 10.4 +2.2
KVAR	Kislovodsk Arr	11.83 44	P	Pn	15 18 11.1 +2.1
GOF	Tsey	11.89 51	eP	Pn	15 18 11.2 +1.5
ZEI					15 18 11.2 +1.5
	comp=Z,5.0nm,0.7s				
TBLG	Delisi	11.95 57	Pn	Pn	15 18 11.2 +1.5
TBLG	Delisi	11.95 57	Pn	Pn	15 18 07.7 -2.9
TIP	Timpagvina	12.01 290	Pn	Pn	15 18 29.6 +2.4
BURAR	Bucovina Array	12.53 341	iP	Pn	15 18 17.0 -0.6
BURAR	Bucovina Array	12.53 341	iP	Pn	15 18 16.2 -1.8
BUR08	Bucovina Ar. S	12.56 341	P	Pn	15 18 21.1 +0.7
GOF	Golitskoye	12.74 411	eP	Pn	15 18 22.4 -1.7
GOF					15 18 22.1 -4.4
	comp=Z,2.1nm,0.9s				
ACER	Acerenza	13.01 296	Pn	Pn	15 18 22.4 -1.7
WDD	Wied Dalam	13.03 275	Pn	Pn	15 18 22.1 -4.4
BLV	Banja Luka	13.91 314	Pn	Pn	15 18 39.4 +0.3
PAOL	Paolisi	14.08 296	Pn	Pn	15 18 39.4 +0.3
CARL	Carleone	14.56 283	Pn	Pn	15 18 42.3 -2.6
KOLS	Kolonické sedl	14.60 336	eP	Pn	15 18 51.6 +1.5
KOLS	Kolonické sedl	14.60 336	eP	Pn	15 18 51.6 +1.5
CLTB	Caltabellotta	14.62 282	Pn	Pn	15 18 44.6 -1.1
AKASG	Malin Array Be	14.84 355	P	Pn	15 18 49.7 +1.3
AKASG					15 21 36.4 +5.0
	comp=Z,1.0nm,0.3s,baz=185,slow=25,SNR=5.3				
AKASG	Malin Array Be	14.84 355	P	Pn	15 18 52.0 -0.8
AKASG	Malin Array Be	14.84 355	P	Pn	15 18 52.0 -0.8
AKKB	Malin Array Si	14.84 355	P	Pn	15 18 47.6 -0.7
AKKB	Malin Array Si	14.84 355	P	Pn	15 18 47.6 -0.7
KWP	Kalwaria Pacia	15.07 338	P	Pn	15 18 51.5 +0.2
KWP	Kalwaria Pacia	15.07 338	P	Pn	15 18 51.5 +0.2
AQU	L'Aquila	15.30 300	P	Pn	15 18 53.7 -0.8
AQU					15 18 53

BUJ 06 18:44:00.3,0.0,0.0,709N,126.76E,h21km,mB4.6/2, mB4.3/13,Msa,9/1,M8,4.8/1

s-min=13.6km az=65.0 NIC 06 18:54:45.0,1.1,5.8S,0.1,154.1E,0.1,h59km,10km, mB4.4/8,Error ellipse:s-maj=19.1km s-min=16.4km az=108.0

ISC 06 18:54:44.3,0.7,5.78S,0.07,154.14E,0.09,h48km,n36, o076/35,mB4.0/17,Bougainville-Solomon Islands region

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

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

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

IDC 06 18:54:42.7,4.0,5.70S,154.19E,h33km,28km,mB3.7/14, mB1.3/9/16,mB1mx3.7/44,mbtmp4.0/16,ML3.1/2,MS3.0/2, Ms1.3/0.2,ms1mx2.8/26,Error ellipse:s-maj=25.1km

NIC 06 19:57:32.5,0.0,3.70N,28.11E,h1km,1km,ML3.6/3 THE 06 19:57:33.7,3.98N,28.28E,h0km,1km,ML3.2/9,Error ellipse:s-maj=4.2km s-min=1.0km az=53.0

IDC 06 19:57:33.6,1.0,36.93N,28.29E,h0km,mb3.3/4, mB1.3/6/11,mb1mx3.4/55,mbtmp3.4/11,ML3.5/7,MS3.2/1, Ms1.3/2/1,ms1mx2.5/34,Error ellipse:s-maj=17.8km s-min=16.3km az=162.0

DDA 06 19:57:33.6,37.02N,28.23E,h11km,3km,MW3.6 ISK 06 19:57:33.2,37.02N,28.19E,h5km,ML3.5/26 ATH 06 19:57:34.7,37.00N,28.17E,h30km,1km,ML3.2/7,Error ellipse:s-maj=2.6km s-min=1.3km az=225.0

GIJ 06 19:57:37.0,0.0,36.64N,28.27E,h10km ISC 06 19:57:33.5,1.1,36.99N,28.22E,0.01,h3km,8km, MS1.0/8,ms1mx2.4/43,Dodocane Islands region

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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like MMAL, SHMU, HMTL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VLI, MNVA, ROPD, etc.

Code Station Name A° AZ° Phase ID Time Res
IDC 06 20:09:43.9-3.3, 34;80N;22°24'E, h0km, mb3.6/8,
mb1.3, 6.9, mb1rx3-4/36, mbtrmp3.6/9, ML2.8/1, Error
ellipse: s-maj=69.2km s-min=26.9km az=7.0

JMA 06 20:44:57.4:0.1, 23;85N;121°16'E, h45km, 3km, M3.0
TAP 06 20:44:58.5, 23;89N;121°16'E, h41km, ML3.5, B
ISC 06 20:44:58.9:0.1, 23;88N;102°-121°70'E:0.02, h34km, 2km,
n128, -087R/226, 7C-19D, Taiwan

6d 21h

2014 MAR

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EHY	Hungye	0.51 223	eP	Pb	20 45 08.7	-0.8
CHGB	Renai	0.51 291	∩P	Pb	20 45 09.7	-0.1
CHGB			eS	Sb	20 45 16.2	-1.1
VWDT	VWDT	0.52 256	P	Pn	20 45 09.8	0.0
VWDT			eS	Sb	20 45 17.0	-0.4
ENA	Nanau	0.55 4	eP	Pn	20 45 09.7	-0.4
ENA			eS	Sb	20 45 18.3	+0.3
TWT	Tachien	0.60 308	P	Pn	20 45 11.1	+0.1
TWT			eS	Sb	20 45 19.5	-0.2
YULB	Yu-li	0.61 217	P	Pn	20 45 09.9	-1.1
YULB			eS	Sn	20 45 18.5	-1.2
NNSB	Datong	0.62 332	∩P	Pn	20 45 10.8	-0.4
NNSB			eS	Sn	20 45 19.2	-0.8
NNSH	Datong	0.62 332	∩P	Pn	20 45 10.8	-0.4
NNSH			eS	Sn	20 45 19.3	-0.7
TDCB	Techi	0.62 307	∩P	Pn	20 45 11.2	-0.1
TDCB			S	Sn	20 45 19.2	-0.8
NNS	Nan Shan	0.63 332	∩P	Pn	20 45 11.0	-0.4
NNS			eS	Sn	20 45 19.7	-0.6
TWF1	Yuli	0.64 215	P	Pn	20 45 10.5	+0.9
TWF1			S	Sn	20 45 19.4	-1.0
SSLB	Suanglung	0.69 262	∩P	Pn	20 45 11.8	-0.3
SSLB			eS	Sn	20 45 20.9	-0.7
DPDB	Guoxing	0.72 282	∩P	Pn	20 45 12.6	0.0
DPDB			eS	Sn	20 45 22.2	-0.3
SMLT	Sun Moon Lake	0.73 270	∩P	Pn	20 45 12.5	-0.2
SMLT			eS	Sn	20 45 22.1	-0.7
NDT	Datong Townshi	0.74 347	∩P	Pn	20 45 12.5	-0.3
NDT			eS	Sn	20 45 23.3	+0.4
TWC	Suao	0.74 11	eP	Pn	20 45 13.0	+0.1
TWC			eS	Sn	20 45 23.3	+0.4
ENTT	Nioudou	0.77 351	∩P	Pn	20 45 12.9	-0.3
ENTT			eS	Sn	20 45 23.7	+0.1
TYC	Yuchr	0.77 272	P	Pn	20 45 13.1	-0.1
TYC			eS	Sn	20 45 24.0	+0.4
FULB	Fuli	0.77 209	P	Pn	20 45 13.1	-0.2
FULB			eS	Sb	20 45 25.1	+0.9
EOS1	EOS1	0.78 31	eP	Pn	20 45 13.6	+0.3
EOS1			eS	Sb	20 45 25.0	+0.9
YUS	Yu-Shan	0.79 240	eP	Pn	20 45 13.9	0.0
YUS			eS	Sn	20 45 24.1	-0.6
WHP	Taichung City	0.79 300	eP	Pn	20 45 13.9	+0.3
WHP			eS	Sn	20 45 24.4	+0.1
WHYT	Xinyi Township	0.79 257	eP	Pn	20 45 13.9	+0.3
WHYT			eS	Sn	20 45 24.9	+0.7
CHKT	Chengkung	0.83 201	eP	Pn	20 45 13.5	-0.6
CHKT			eS	Sb	20 45 26.4	+0.6
TWE	Neicheng	0.84 358	∩P	Pn	20 45 13.9	-0.2
TWE			eS	Sn	20 45 24.9	-0.4
NSK	Sanguang	0.85 339	∩P	Pn	20 45 14.2	-0.2
NSK			S	Sn	20 45 25.1	-0.6
SLBB	Yuanshan	0.87 356	P	Pn	20 45 13.5	-1.2
SLBB			eS	Sn	20 45 25.9	-0.3
WJS	Zhushan	0.89 266	eP	Pn	20 45 15.8	+0.9
WJS			eS	Sb	20 45 27.8	+0.4
ALS	Alisan	0.90 246	∩P	Pn	20 45 15.4	+0.2
ALS			eS	Sn	20 45 26.8	-0.3
NWLT	Wulai	0.91 349	eP	Pn	20 45 14.8	-0.5
NWLT			eS	Sn	20 45 27.4	+0.2
WNT	Mingjian	0.93 270	P	Pn	20 45 16.4	+1.0
WNT			S	Sb	20 45 29.0	+0.5
ELDTW	Lidau	0.93 222	eP	Pn	20 45 14.7	-0.9
ELDTW			eS	Sn	20 45 26.6	-1.1
TWQ1	Liyutan	0.96 299	∩P	Pn	20 45 16.7	+0.7
TWQ1			S	Sb	20 45 29.7	+0.2
CHN5	Tsauling	0.97 253	∩P	Pn	20 45 16.4	+0.2
CHN5			S	Sn	20 45 29.9	+1.1
NSTC	Toucheng	0.98 7	eP	Pb	20 45 17.4	+0.1
NSTC	Nanjuang	0.98 320	∩P	Pn	20 45 17.1	+0.9
NSTT			S	Sn	20 45 29.4	+0.5
LIQB	Emei	0.98 321	∩P	Pn	20 45 17.2	+1.0
LIQB			eS	Sn	20 45 29.8	+0.8
NSY	Sanyi	1.01 302	∩P	Pn	20 45 17.4	+0.9
NSY			eS	Sn	20 45 30.6	+1.1
WLTB	Daxi	1.05 337	eP	Pn	20 45 17.8	+0.7
WLTB			eS	Sb	20 45 32.6	+0.6
NMLH	Miaoli	1.05 309	eP	Pn	20 45 17.8	+0.6
NMLH			eS	Sb	20 45 32.1	0.0
WGK	Gukeng	1.06 260	eP	Pn	20 45 18.0	+0.8
WGK			eS	Sb	20 45 32.2	0.0
WCHH	Zhanghua	1.06 281	eP	Pn	20 45 18.2	+1.0
WCHH			eS	Sb	20 45 32.9	+0.7
PTSB	Yuanli	1.07 302	eP	Pn	20 45 18.4	+1.0
PTSB			eS	Sn	20 45 31.8	+0.8

WDJ	Dajia District	1.07 296	∩P	Pn	20 45 18.1	+0.7
WDJ			eS	Sb	20 45 32.9	+0.3
WDLH	Douli	1.08 260	eP	Pn	20 45 18.6	+1.1
WDLH			eS	Sb	20 45 33.5	+0.8
NHHD	Xindian Distri	1.09 352	eP	Pn	20 45 17.9	+0.2
NHHD			eS	Sn	20 45 32.1	+0.6
TIPB	Shuangxi	1.09 6	eP	Pn	20 45 18.1	+0.4
TIPB			eS	Sn	20 45 32.4	+0.7
TWA	Mucha	1.10 355	eP	Pn	20 45 18.1	+0.3
TWA			eS	Sn	20 45 32.7	+0.8
SBCB	Hsinchu	1.12 325	P	Pn	20 45 19.0	+1.0
SBCB			S	Sb	20 45 34.4	+0.6
STYT	Tauyuan	1.12 231	P	Pn	20 45 18.7	+0.6
STYT			eS	Sn	20 45 33.3	+0.9
TPUB	Ta-pu	1.14 240	P	Pn	20 45 18.9	+0.6
TPUB			eS	Sb	20 45 34.4	-0.1
CHN4	Tsushan	1.14 243	eP	Pn	20 45 19.2	+0.8
CHN4			eS	Sb	20 45 34.5	-0.1
TWB1	Santiao Chiao	1.16 13	eP	Pn	20 45 19.4	+0.8
TWB1			eS	Sn	20 45 33.8	+0.7
TAP1	Taipei	1.17 352	eP	Pn	20 45 18.7	0.0
TAP1			eS	Sn	20 45 34.4	+1.0
TAP	Taipei	1.17 352	eP	Pn	20 45 19.2	+0.5
WTP	Ta-pu	1.18 238	∩P	Pn	20 45 19.6	+0.7
WTP			eS	Sn	20 45 35.2	+1.5
NCUH	Zhongli	1.18 337	eP	Pn	20 45 19.4	+0.5
NCUH			eS	Sb	20 45 35.8	+0.1
NCU	National Centr	1.18 337	eP	Pn	20 45 19.6	+0.7
NCU			eS	Sb	20 45 35.2	-0.5
TWH		1.18 190	eP	Pn	20 45 17.8	-1.2
TWH			eS	Sn	20 45 34.1	+0.3
NWF	Wu-fen Shan	1.19 4	eP	Pn	20 45 19.3	+0.2
NWF			eS	Sb	20 45 35.7	+0.3
WFSB	Wu-fen Shan	1.19 4	eP	Pn	20 45 19.4	+0.4
WFSB			eS	Sb	20 45 36.0	+0.1
TWGBT	Beinan	1.20 208	eP	Pn	20 45 17.9	-1.3
TWGBT			eS	Sn	20 45 32.7	-1.6
TWG	Pinlang	1.20 209	eP	Pn	20 45 18.2	-1.0
TWG			eS	Sn	20 45 33.6	-0.7
RLNB	Erlin	1.22 271	P	Pn	20 45 20.4	+0.9
RLNB			eS	Sb	20 45 37.0	+0.1
CHY	Chiayi	1.23 252	eP	Pn	20 45 20.5	+1.0
CHY			eS	Sn	20 45 36.6	+1.6
TTN	Taitung	1.23 204	eP	Pn	20 45 19.8	+0.2
TTN			eS	Sb	20 45 30.3	+0.6
TWS1	Kuangyinshan	1.24 348	eP	Pn	20 45 20.3	+0.4
TWS1			eS	Sb	20 45 37.0	-0.4
TKW	Hsiinying	1.27 241	eP	Pn	20 45 20.6	+0.5
TKW			eS	Sn	20 45 37.6	+1.6
YM01	YM01	1.27 355	eP	Pn	20 45 19.8	-0.3
YM01			eS	Sn	20 45 36.3	+0.3
CHN1	Nanshi	1.27 237	eP	Pn	20 45 20.8	+0.6
CHN1			eS	Sb	20 45 38.0	-0.5
YM10	YM10	1.28 355	eP	Pn	20 45 20.0	-0.3
YM10			eS	Sn	20 45 36.5	+0.2
SNST	Tainan City	1.28 239	eP	Pn	20 45 21.3	+1.0
SNST			eS	Sb	20 45 38.2	-0.3
YM11	YM11	1.28 355	eP	Pn	20 45 20.1	-0.3
SGST	Jiashian	1.29 232	∩P	Pn	20 45 20.5	0.0
SGST			eS	Sn	20 45 37.9	+1.2
WTCT	Ta-ch'eng	1.29 270	eP	Pn	20 45 21.2	+0.8
WTCT			eS	Sb	20 45 38.8	-0.1
NTST	Danshui	1.30 350	eP	Pn	20 45 21.4	+0.8
NTST			eS	Sn	20 45 37.9	+1.2
YM03	YM03	1.30 354	eP	Pn	20 45 20.3	-0.3
YM03			eS	Sn	20 45 37.5	+0.6
YM08	YM08	1.31 356	eP	Pn	20 45 20.1	-0.6
YM08			eS	Sn	20 45 36.7	-0.3
SLGT	Liguai	1.31 228	eP	Pn	20 45 22.0	+1.4
ANP	Anpu	1.31 353	eP	Pn	20 45 20.6	-0.2
ANP			eS	Sn	20 45 36.3	-0.8
YOJ	Yonaguni jima	1.33 64	P	Pn	20 45 21.2	+0.2
YOJ			eS	Sn	20 45 37.5	-0.1
WSF	Szhu	1.37 260	eP	Pn	20 45 22.4	+0.9
WSF			eS	Sb	20 45 40.5	-0.6
TWY	Chenhua	1.39 356	eP	Pn	20 45 22.6	+0.7
ECL	Tainan	1.45 208	eP	Pn	20 45 21.5	-1.1
CHN8	Yiju	1.46 249	eP	Pn	20 45 23.4	+0.6
CHN8			eS	Sn	20 45 42.1	+1.4
SSD	Sandimen	1.49 221	eP	Pn	20 45 24.1	+0.8
SSD			eS	Sb	20 45 43.9	-0.7
TWMI	Shoushan	1.57 228	eP	Pb	20 45 26.6	-0.7
MASBT	Mashibuluo	1.60 218	eP	Pn	20 45 25.2	+0.5
MASBT			eS	Sn	20 45 45.6	+1.5
EAST	Anshuo	1.68 208	eP	Pn	20 45 25.5	-0.3
EAST			eS	Sn	20 45 28.7	+2.2

SCZT	Fangliu	1.80 214	eP	Pn	20 45 28.1	+0.7
WSSB	Gushan	1.81 227	eP	Pb	20 45 30.3	-0.9
IRIF	Iriomote-Funau	1.91 76	P	Pn	20 45 29.3	+0.3
IRIF			S	Sn	20 45 51.9	0.0
HATJ	Hateruma jima	1.94 84	P	Pn	20 45 28.8	-0.5
HATJ			eS	Sn	20 45 52.6	+0.1
WDGT	Dungji	1.97 252	eP	Pn	20 45 30.2	+0.4
PHUB	P'eng-hu	1.98 260	eP	Pn	20 45 29.9	0.0
PNG	Penghu	1.99 261	eP	Pn	20 45 29.8	-0.2
PNG			eS	Sn	20 45 53.5	-0.2
HEN	Hengchun	2.06 206	eP	Pn	20 45 32.6	+1.5
TWK1	Hengchun	2.10 203	eP	Pn	20 45 32.0	+0.5
TWKBT	Hengchun	2.10 203	eP	Pn	20 45 31.3	-0.2
TWKBT			eS	Sn	20 45 57.4	+1.0
JKRS	Kuro-shima	2.15 80	P	Pn	20 45 33.0	+0.8
JKRS			S	Sn	20 45 58.8	+1.2
VCHM	Qimei	2.18 253	eP	Pn	20 45 31.8	-0.9
JJU	Ishigaki jima	2.29 77	P	Pn	20 45 33.9	-0.2
JJU			eS	Sn	20 45 59.8	-1.3
VWUC	VWUC	2.33 299	eP	Pn	20 45 33.9	-0.8
PTTC	Pingtai	2.38 313	eP	Pn	20 45 34.4	-1.0
JISG	Ishigakijimahi	2.49 73	P	Pn	20 45 36.7	-0.2
JISG			S	Sn	20 46 04.8	-1.3
PTMZ	Houxiangcun	2.62 297	eP	Pn	20 45 38.1	-0.5
MATB	Miechiu	2.76 325	eP	Pn	20 45 39.7	-1.0
JTJ	Tarama	2.85 74	P	Pn	20 45 42.2	+0.4
JTJ						

IDC 07 00:10:31.4,4.9,7.05S:1.55NE, h84km,39km,mb3.77, mb1 3.9/8, mb1mx3.7/30, mbtmp4.0/8, MS3.1/3, Ms1 3.1/3, ms1mx2.9/25, Error ellipse: s-maj=43.6km s-min=21.4km az=103.0

NEIC 07 00:10:37.67,1.1,6.9S:0.1:154.9E:0.1, h137km,6km, mb4.1/16, Error ellipse: s-maj=17.6km s-min=12.3km az=47.0

ISC 07 00:10:34.6,0.7,7.0S:0.1:155.04E:0.09, h100km, h36, s=188/32, mb4.1/16, Bougainville-Solomon Islands region

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

IDC 07 00:28:25.7,1.4,38.19N:20.59E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.3/48, mbtmp3.5/5, ML3.6/1, Error ellipse: s-maj=32.0km s-min=24.1km az=112.0

ATH 07 00:28:27.6, 38.19N:20.38E, h14km, ML3.1/5, Error ellipse: s-maj=1.7km s-min=1.0km az=229.0

THE 07 00:28:28.9, 38.16N:20.39E, h7km, 1km, ML3.4/5, Error ellipse: s-maj=1.9km s-min=0.9km az=230.0

ISC 07 00:28:27.0, 38.19N:20.03:20.43E:0.04, h15km, 4km, n45, s=967/64, mb3.7/4, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LXRA Lixouri, ARG2 Argostoli, VLS Valsamata, etc.

Table with columns: RLS, Riolos of Patr, 0.83 99 P, AML, Pn, AML, 00 28 44.0 -0.8, 00 29 08.0, 00 29 09.7, 00 28 46.8 +0.1, etc.

ROM 07 00:31:32.5, 0.1, 38.485N:0.010:15.50E:0.01, h129km, 1km, ML2.7/13, 5C-2D, Error ellipse: s-maj=1.1km s-min=0.5km az=144.0, Sicily

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSRU Castanea, MSCL Scilla, MPNC Port Mandanici, etc.

IFIL Filicudi I Eol, 0.74 276 P, Pn, 00 31 53.1 +0.1, PLAC Placanica, 0.74 92 S, S, 00 32 08.7 0.0

PLAC comp=N, 194um, 1.2s, AML, AML, 00 31 54.0 +0.4, 00 31 55.0 +0.1

ATH 07 00:32:29.7, 38.31N:20.40E, h10km, 2km, ML1.9/3, 1D, Error ellipse: s-maj=2.2km s-min=0.7km az=229.0, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GRI Girifalco, CAR1 CAROLEI, SERS Sersale, etc.

Table with columns: VLS, comp=E, 564um, 0.2s, AML, AML, 00 32 36.7 -0.2, 00 32 42.4 +0.6, 00 32 37.1 0.0, etc.

UCR 07 00:39:23.1, 1.0, 9.86N:85.66W, h5km, MD3.9, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUAI GUAI, PLVR Palo Verde, NY14 Universidad de, etc.

HEL 07 00:41:46.9, 67.85N:20.68E, h0km, ML1.7, Explosion UPP 07 00:41:45.2, 0.1, 67.83N:20.19E, h0km, ML2.4, Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Kurravaara, KOVU Salmi, etc.

UPP 07 00:41:50.5, 0.1, 67.85N:20.19E, h0km, ML2.0, Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KOVU Salmi, LANU Lannavaara, LANU Lannavaara, etc.

UCR 07 00:49:36.5, 1.7, 8.96N:84.16W, h5km, MD3.9, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EDDO Dominical, EDLM Las Mercedes, EDPN Palmar Norte, etc.

IASPEI 07 00:58:35.0, 0.8, 32.88N:0.02:116.24W:0.02, h14km, 6km, Error ellipse: s-maj=2.5km s-min=2.5km az=74.9, 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, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

ANF 07 00:58:35.0, 0.2, 32.90N:116.23W, h13km, 2km, ML2.6/18, Error ellipse: s-maj=1.9km s-min=1.5km az=20.0

PAS 07 00:58:35.9, 1.6, 32.87N:0.05:116.23W:0.05, h5km, 7km, ML2.8/127, Error ellipse: s-maj=8.8km s-min=1.7km az=222.0

NEIC 07 00:58:35.5, 2.0, 32.87N:0.04:116.21W:0.06, h1km, 8km, Error ellipse: s-maj=7.3km s-min=6.2km az=65.0

MEX 07 00:58:37.6, 0.5, 32.89N:116.68W, h1km, 80km, MD3.6

ISC 07 00:58:35.0, 0.8, 32.88N:0.02:116.24W:0.02, h1km, 6km, n102, s=984/140, California-Baja California border region

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

Table with columns: OMMB, MDPB, SZCU, R11A, X18A, NVAR, W18A, PSUT, HSIG, RYN, MTPU. Lists specific station codes and their details.

SJA 07 01:14:08.1±0.8, 31°20'S:70°11'W, h10km, 7km, ML3.0, MW3.1

GUC 07 01:14:09.0±0.7, 31°21'S:70°66'W, h32km, 4km, ML3.0

ISC 07 01:14:05.9±1.4, 31°22'S:70°25'W, h0.03, h5km, 13km, n18, e051/31, 4C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in the Chile-Argentina border region.

ISC 07 01:32:42.6±0.8, 60°30'S:26°72'W, h0km, mb4.3/7, mb1 4.3/7, mb1mx4.0/29, mbtmp4.3/7, MS3.5/1, Ms1 3.5/1, ms1mx3.0/20, Error ellipse: s-maj=29.2km s-min=22.3km az=30.0

NEIC 07 01:32:45.1±0.7, 60°6'S:0°1:26'W, h0.3, h23km, 4km, mb4.7/13, Error ellipse: s-maj=24.3km s-min=15.0km az=49.0

ISC 07 01:32:44.4±0.6, 60°7'S:0°1:26'W, h0.1, h20km, n37, e1507/36, mb4.4/7, 1C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in the South Sandwich Islands region.

ISC 07 01:46:12.1±5.9, 50°08'N:156°76'E, h95km, 40km, mb3.6/11, mb1 3.8/12, mb1mx3.5/44, mbtmp3.9/12, Error ellipse: s-maj=48.2km s-min=19.6km az=178.0

ISC 07 01:46:09.3±2.0, 49°9'N:0°1:15'05"E, h0.08, h79km, 12km, n78, e106/104, mb3.9/14, East of Kuril Islands

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

SKR comp=Z,861nm,0.4s

ALID Alaid 1.39 317 P Pn 01 46 33.4 +0.2

ALID Alaid 1.39 317 P S 01 46 33.4 +0.2

PAUZ Pauzhetka 1.61 355 P S 01 46 36.1 +0.2

PAUZ Pauzhetka 1.61 355 P S 01 46 36.1 +0.2

MALAY Malaya Ipe'lka 2.42 356 P S 01 46 47.4 +0.7

MALAY Malaya Ipe'lka 2.42 356 P S 01 46 47.4 +0.7

ASAK Asacha 2.57 12 P S 01 47 19.0 -0.3

MUTNOV Mutnovka 2.71 15 P S 01 46 51.0 +0.2

MUTNOV Mutnovka 2.71 15 P S 01 46 51.0 +0.2

GORELY Gorelyy 2.76 13 P S 01 46 52.0 +0.5

GORELY Gorelyy 2.76 13 P S 01 46 52.0 +0.5

KARYM Karymshinskiy 3.04 12 P S 01 47 35.5 -0.4

KARYM Karymshinskiy 3.04 12 P S 01 47 35.5 -0.4

APACHA Apacha 3.06 1 P S 01 46 56.2 +0.8

APACHA Apacha 3.06 1 P S 01 46 56.2 +0.8

PETROV Petropavlovsk-327 7 P N 01 46 58.9 +0.7

PETROV Petropavlovsk-327 7 P N 01 46 58.9 +0.7

PETROV Petropavlovsk-327 7 P N 01 46 58.9 +0.7

PETROV Petropavlovsk-327 7 P N 01 46 58.9 +0.7

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PETROV Petropavlovsk-327 7 P N 01 46 58.9 +0.7

PETROV Petropavlovsk-327 7 P N 01 46 58.9 +0.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JHUW Hitachi, JHO Hitachi, JIHU Itakohinouch, etc.

IDC 07 05:03:47.0-0.7, 32.11N, 140.17W, h0km, mb3.9/15, mb1.4/0.15, mb1mx3.6/5.3, mbtmp3.9/15, MS3.5/4, Ms1.3/4.4, ms1mx3.1/4.0, Error ellipse: s-maj=20.9km, s-min=17.9km, az=178.0.

NEIC 07 05:03:49.1±2.2, 32.03N, 0.07-0.4, 1W:0.1, h10km, 1km, mb4.5/12, Error ellipse: s-maj=21.3km, s-min=8.7km, az=115.0.

ISC 07 05:03:49.0±0.6, 32.12N, 0.1-0.4, 1W:0.1, h10km, n43, r123/35, mb4.1/17, MS3.5/4, Northern Mid-Atlantic Ridge.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DRLN Deer Lake, SCHQ Schefferville, DBIC Dimbroko, etc.

Table with columns: ILAR, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Eielson Array, TAPS Pump Stn, TAPS Pump Stn7, etc.

BUJ 07 05:17:21.7±0.0, 6.54S, 151.59E, h20km, mb5.1/30, mb4.6/40, Ms4.9/14, Ms7.4/7.13.
IDC 07 05:17:24.0±0.6, 6.23S, 150.94E, h0km, mb4.6/16, mb1.4/8.18, mb1mx4.5/3.7, mbtmp4.6/18, ML2.2/1, MS3.9/9, Ms1.3/9.9, ms1mx3.5/3.4, Error ellipse: s-maj=21.8km, s-min=11.2km, az=117.0.
MOS 07 05:17:26.4±1.2, 6.20S, 150.86E, h24km, mb5.1/21, Error ellipse: s-maj=13.4km, s-min=9.0km, az=77.9.
NEIC 07 05:17:28.6±2.5, 6.27S, 0.08±1.05E, 0.10, h31km, 4km, mb5.0/89, Error ellipse: s-maj=15.7km, s-min=9.2km, az=123.0.
DJA 07 05:17:29.4±0.5, 6.54S, 151.59E, h46km, 5km, M5.0/23, mb4.9/23, mb5.3/5, MLV5.22, MW(B)4.7/6.
GCMT 07 05:17:29.6±0.3, 6.36S, 0.02±1.24E, 0.04, h20km, 1km, MW4.9/85, Moment Tensor Solution, s21.c26; s85.c119; Duration: 0. Moment tensor: Scale 10^16Nm; Mr:2.6±1.1; Mw:2.0±.11; Mw:0.5±.10; Ms:1.1±.17; Mw:0.1±.06; Mw:1.25±.24; Best double couple: Mo:2.79800±0.10e NP1:3±276.00000°, δ32.00000°, λ17.00000°. NP2: 0.64.00000°, δ62.00000°, λ74.00000°. Principal axes: T 3.2040, Plg69.0000°, Azm302.0000°; N -0.8120, Plg14.0000°, Azm72.0000°; P -2.3920, Plg16.0000°, Azm166.0000°. nst2 refers to surface waves, cutoff=40s. moment tensor function.

Table with columns: KRVT, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Keravat (AS076), RABL Babal, PMG Port Moresby, etc.

PGC 07 05:07:33.0±0.0, 65.60N, 144.77W, h1km, ML3.0/7, ML2.7, 161km E of Fairbanks, Ak North Alaska.
AEIC 07 05:07:34.1±2.2, 65.60N, 0.02-1.44, 78W:0.06, h11km, 5km, ML2.6/35, Error ellipse: s-maj=3.6km, s-min=2.3km, az=96.0.
ANF 07 05:07:34.5±1.1, 65.57N, 144.92W, h5km, 4km, ML3.0/4, Error ellipse: s-maj=8.7km, s-min=4.0km, az=114.0.
NEIC 07 05:07:34.1±2.3, 65.63N, 0.02-1.44, 85W:0.05, h14km, 5km, Error ellipse: s-maj=3.8km, s-min=2.8km, az=224.0.
ISC 07 05:07:34.7±1.2, 65.62N, 0.02-1.44, 89W:0.03, h12km, 10km, n86, r28/02/14, Northern Alaska.

Table with columns for station ID, name, coordinates, and signal strength. Includes stations like WB0, WRAB, WRAB, WRAB, etc.

Table with columns for station ID, name, coordinates, and signal strength. Includes stations like BMAR, BDOT, BSCR, BSCR, etc.

Table with columns for station ID, name, coordinates, and signal strength. Includes stations like SUMG, YERR, KVN, NVAR, etc.

TAP 07:05:32.05.3, 25.02N, 122.78E, h145km, 1km, ML3.1, C

Table with columns for Code, Station Name, Azimuth, Phase, and other parameters. Includes stations like EOS1, TIPB, TWC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like MNTX, MDM, COLA, IL31, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like R32A, 237A, YKA, NATX, T35A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like KRUC, MODS, GRF, KHC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Santo Domingo, Bahia Solano, Lajas Array, etc.

INET 07 06:18:07.6, 12.39N, 87.82W, h64km, MD2.9, ML2.8
SNET 07 06:18:09.1, 0.8, 12.54N, 87.82W, h57km, 10km, ML3.2
ISC 07 06:18:10.0-1.8, 12.58N, 0.09, 87.80W, 0.07, h61km, 24km, n14, c#567/26, Near coast of Nicaragua

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

IDC 07 06:19:37.5-2.0, 20.30S, 177.62W, h508km, 28km, mb3.3/6, mb1 3.5/8, mb1mx3.4/1, mbtmp4.2/8, Error ellipse: s-maj=195.3km s-min=35.1km az=14.0
NEIC 07 06:19:39.2, 1.5, 20.13S, 0.1, 177.61W, 0.1, h520km, 0km, mb4.2/16, Error ellipse: s-maj=22.5km s-min=17.1km az=150.0

ISC 07 06:19:40.0-1.0, 20.22S, 0.1, 177.54W, 0.10, h550km, n31, c#156/34, mb4.1/13, Fiji Islands region

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

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

IDC 07 06:27:54.4, 2.6, 7.16S, 129.13E, h131km, 29km, mb3.6/5, mb1 4.0/8, mb1mx3.7/37, mbtmp4.2/9, Error ellipse: s-maj=41.4km s-min=15.5km az=77.0
NEIC 07 06:27:56.1, 1.8, 7.03S, 0.07, 129.30E, 0.06, h152km, 10km, mb4.5/12, Error ellipse: s-maj=129.3km s-min=6.9km az=151.0

ISC 07 06:27:55.0-0.5, 7.12S, 0.05, 129.29E, 0.06, h150km, n44, c#207/50, mb4.0/9, Banda Sea

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

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

SJA 07 06:36:29.3, 0.8, 31.95S, 70.19W, h118km, 6km, ML3.7, MW3.5
IDC 07 06:36:29.4, 2.4, 31.92S, 70.28W, h97km, 22km, mb3.1/1, mb1 3.4/4, mb1mx3.2/20, mbtmp3.5/4, MS3.7/1, Ms1 3.8/1, ms1mx3.0/9, Error ellipse: s-maj=26.1km s-min=20.4km az=91.0

ISC 07 06:36:30.7, 0.7, 32.00S, 70.39W, h132km, 4km, ML4.1
GUC 07 06:36:30.1, 0.8, 31.97S, 0.03, 70.18W, 0.04, h118km, 7km, n36, c#141/62, 8C-7D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Los Peladeros, Leoncito, San Esteban, etc.

IDC 07 07:07:36.2, 3.9, 7.55S, 148.15E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.5/38, mbtmp3.6/3, ML4.0/1, Error ellipse: s-maj=133.5km s-min=34.6km az=110.0

7d 8h

XAN	comp-Z,270nm,13.2s	LR	LR		
XAN	comp-Z,500nm,28.2s	LR	LR		
XAN	Xi'an	50.32	46	P	P
XAN	comp-Z,21nm,1.2s	P	Pmax		07 49 36.1 +0.2
XAN	Xi'an	50.32	46	P	P
XAN	comp-Z,21nm,1.2s	IAmb	IAmb		07 49 36.1 +0.2
BOSA	Boshof	50.39	229	P	P
BOSA	comp-Z,7.3nm,1.0s,baz=87,slo=5.2,SNR=6.4	LR	LR		08 08 35.5
BOSA	Boshof	50.39	229	P	P
BOSA	comp-Z,15nm,1.2s	P	Pmax		07 49 37.3 +0.7
BOSA	Boshof	50.39	229	P	P
BOSA	comp-Z,15nm,1.1s	IAmb	IAmb		07 49 37.3 +0.7
BRVK	Borovyoye	50.65	30	eP	P
BRVK	comp-Z,13nm,2.5s	Pmax	Pmax		07 49 37.6 -0.4
BRVK	Borovyoye	50.65	3	P	P
BRVK	comp-Z,13nm,2.5s	P	P		07 49 38.4 +0.3
WHN	Wuhan	52.91	53	P	P
WHN	comp-Z,15nm,1.1s	P	P		07 49 56.3 +1.0
TSUM	Tsumeb	52.94	244	P	P
TSUM	comp-Z,2.2nm,0.6s,baz=219,slo=7.0,SNR=9.8	IAmb	IAmb		07 49 57.7 +1.9
ZAAO	Zalesovo Array	53.54	13	IAmb	IAmb
ZAAO	comp-Z,16m,1.4s	P	P		07 50 06.6
ZALV	Zalesovo Beam	53.54	13	P	P
ZALV	comp-Z,2.6nm,0.6s,baz=219,slo=7.0,SNR=9.8	LR	LR		08 13 49.8
ZALV	comp-Z,368nm,19.1s,baz=206,slo=37	LR	LR		08 13 49.8
ZALV	Zalesovo Beam	53.54	13	P	P
ZALV	comp-Z,2.6nm,0.6s,baz=219,slo=7.0,SNR=9.8	P	P		07 49 58.8 -0.7
TIRR	Tirgusor	53.97	327	P	P
TIRR	comp-Z,2.6nm,0.6s,baz=219,slo=7.0,SNR=9.8	P	P		07 49 58.8 -0.7
TIRR	Tirgusor	53.97	327	P	P
TIRR	comp-Z,2.6nm,0.6s,baz=219,slo=7.0,SNR=9.8	P	P		07 50 02.5 -0.3
VSR	Storozhevoye	54.02	339	I	P
VSR	comp-Z,2.3nm,1.1s	Pmax	Pmax		07 50 01.3 -1.8
ARU	Arti	54.37	354	LR	LR
ARU	comp-Z,217nm,18.7s	P	P		08 15 25.6
ARU	Arti	54.37	354	P	P
ARU	comp-Z,8.0nm,1.2s	Pmax	Pmax		07 50 05.4 -0.1
ARU	Arti	54.37	354	P	P
ARU	comp-Z,11nm,1.1s	IAmb	IAmb		07 50 04.8 -0.7
HARR	Harsova	54.38	327	P	P
HARR	comp-Z,11nm,1.1s	P	P		07 50 06.1 -0.7
HARR	Harsova	54.38	327	P	P
HARR	comp-Z,11nm,1.1s	P	P		07 50 05.8 0.0
CFR	Carcaiu	54.58	327	P	P
CFR	comp-Z,11nm,1.1s	P	P		07 50 06.7 -0.6
CFR	Carcaiu	54.58	327	P	P
CFR	comp-Z,11nm,1.1s	P	P		07 50 06.7 -0.6
CNY	Changchun	55.41	329	P	P
CNY	comp-Z,2.65nm,18.2s,baz=248,slo=40	P	P		07 50 12.0 +1.2
KIS	Kishinev	55.41	329	P	P
KIS	comp-Z,2.65nm,18.2s,baz=248,slo=40	P	P		07 50 12.0 -1.2
HHC	Hu-ho-hao-te	55.59	40	eP	P
HHC	comp-Z,2.3nm,1.1s	S	S		07 50 17.6 +2.8
HHC	Hu-ho-hao-te	55.59	40	eP	P
HHC	comp-Z,2.3nm,1.1s	S	S		07 58 07.0 +6.7
HHC	comp-Z,85nm,1.0s	Pmax	Pmax		07 50 17.7
HHC	comp-Z,300nm,5.4s	Pmax	Pmax		07 50 17.7
HHC	comp-Z,890nm,15.9s	LR	LR		07 50 17.7
HHC	comp-Z,660nm,16.8s	LR	LR		07 50 17.7
HHC	comp-Z,750nm,15.7s	LR	LR		07 50 17.7
VRI	Vrincioia	55.78	327	P	P
VRI	comp-Z,2.3nm,1.1s	P	P		07 50 14.8 -1.2
VRI	Vrincioia	55.78	327	P	P
VRI	comp-Z,2.3nm,1.1s	P	P		07 50 14.8 -1.2
PLOR	Plostina	55.82	327	P	P
PLOR	comp-Z,2.3nm,1.1s	P	P		07 50 15.8 -0.5
PLOR	Plostina	55.82	327	P	P
PLOR	comp-Z,2.3nm,1.1s	P	P		07 50 15.8 -0.5
VTS	Vitosh	55.89	322	P	P
VTS	comp-Z,2.3nm,1.1s	P	P		07 50 16.5 -0.5
VTS	Vitosh	55.89	322	P	P
VTS	comp-Z,2.3nm,1.1s	P	P		07 50 16.5 -0.5
VTS	Vitosh	55.89	322	P	P
VTS	comp-Z,2.3nm,1.1s	P	P		07 50 16.2 -0.8
MLR	Muntele Rosu	55.98	326	P	P
MLR	comp-Z,2.3nm,1.1s	IAmb	IAmb		07 50 17.1 -0.5
MLR	Muntele Rosu	55.98	326	P	P
MLR	comp-Z,2.3nm,1.1s	IAmb	IAmb		07 50 17.1 -0.5
MLR	Muntele Rosu	55.98	326	P	P
MLR	comp-Z,2.3nm,1.1s	IAmb	IAmb		07 50 17.8 +0.2
TESR	Tescani	56.23	328	P	P
TESR	comp-Z,2.3nm,1.1s	P	P		07 50 18.4 -0.4
SORM	Soroca	56.40	330	P	P
SORM	comp-Z,2.3nm,1.1s	P	P		07 50 19.5 -0.8
SORM	Soroca	56.40	330	P	P
SORM	comp-Z,2.3nm,1.1s	P	P		07 50 19.5 -0.8
MORW	Morawa	56.45	327	P	P
MORW	comp-Z,2.3nm,1.1s	P	P		07 50 22.5 +1.5
VOIR	Arges	56.45	326	P	P
VOIR	comp-Z,2.3nm,1.1s	P	P		07 50 20.0 -0.8
ARR	Arges	56.45	326	P	P
ARR	comp-Z,2.3nm,1.1s	P	P		07 50 21.4 -0.8
SONM	Songino Array	56.70	31	P	P
SONM	comp-Z,3.9nm,1.1s,baz=227,slo=7.2,SNR=1.8	P	P		07 50 24.0 +1.3
SONM	Songino Array	56.70	31	P	P
SONM	comp-Z,3.9nm,1.1s,baz=227,slo=7.2,SNR=1.8	LR	LR		08 14 43.9
SONM	Songino Array	56.70	31	P	P
SONM	comp-Z,3.9nm,1.1s,baz=227,slo=7.2,SNR=1.8	P	P		07 50 23.3 +0.6
SONM	Songino Array	56.70	31	P	P
SONM	comp-Z,3.9nm,1.1s,baz=227,slo=7.2,SNR=1.8	Pmax	Pmax		07 50 23.3 +0.6
SONM	Songino Array	56.70	31	P	P
SONM	comp-Z,3.9nm,1.1s,baz=227,slo=7.2,SNR=1.8	P	P		07 50 23.3 +0.6
PSAO	Pilbara Seismi	56.94	18	P	P
PSAO	comp-Z,4.0nm,1.1s	P	P		07 50 26.1 +1.4
NJ2	Nanjing	57.05	53	eP	P
NJ2	comp-Z,4.0nm,1.1s	Pmax	Pmax		07 50 26.3 +1.1
HERR	Herculane	57.65	324	P	P
HERR	comp-Z,15nm,0.5s	P	P		07 50 28.5 -0.7
H01W3	Cape Leeuwijn H	57.67	134	T	T
H01W3	comp-Z,300,slo=75,SNR=16	T	T		08 52 46.8
H01W2	Cape Leeuwijn H	57.68	134	T	T
H01W2	comp-Z,300,slo=75,SNR=15	T	T		08 52 47.9
BURAR	Bucovina Array	57.69	328	P	P
BURAR	comp-Z,12nm,1.4s	P	P		07 50 28.7 -0.9
BURAR	Bucovina Array	57.69	328	P	P
BURAR	comp-Z,12nm,1.4s	P	P		07 50 28.1 -1.5
H01W1	Cape Leeuwijn H	57.69	134	T	T
H01W1	comp-Z,300,slo=75,SNR=16	T	T		08 52 48.8
BUR08	Bucovina Arr	57.71	328	P	P
BUR08	comp-Z,12nm,1.4s	IAmb	IAmb		07 50 28.7 -1.1
GZR	Gura Zlata	57.72	325	P	P
GZR	comp-Z,12nm,1.4s	P	P		07 50 29.2 -0.7
GZR	Gura Zlata	57.72	325	P	P
GZR	comp-Z,12nm,1.4s	P	P		07 50 29.2 -0.7
AKASG	Malin Array Be	57.73	333	P	P
AKASG	comp-Z,0.2nm,0.2s,baz=128,slo=5.9,SNR=16	P	P		07 50 28.2 -1.4
AKASG	Malin Array Be	57.73	333	P	P
AKASG	comp-Z,0.2nm,0.2s,baz=128,slo=5.9,SNR=16	P	P		07 51 22.5 +0.1
AKASG	Malin Array Be	57.73	333	P	P
AKASG	comp-Z,0.2nm,0.2s,baz=128,slo=5.9,SNR=16	LR	LR		08 17 49.6
AKASG	Malin Array Be	57.73	333	P	P
AKASG	comp-Z,0.2nm,0.2s,baz=128,slo=5.9,SNR=16	P	P		07 50 27.6 -0.2
AKASG	Malin Array Si	57.73	333	I	Amb
AKASG	comp-Z,0.2nm,0.2s,baz=128,slo=5.9,SNR=16	P	P		07 50 29.9
KIRV	Kirov	57.77	349	LR	LR
KIRV	comp-Z,11nm,1.3s	P	P		08 16 32.3
MDVR	Moldovita	58.01	323	P	P
MDVR	comp-Z,196nm,18.5s,baz=145,slo=37	P	P		07 50 30.8 -1.1
TLY	Talaya	58.01	26	LR	LR
TLY	comp-Z,374nm,21.7s	P	P		08 15 41.8
TLY	Talaya	58.01	26	I	P
TLY	comp-Z,374nm,21.7s	Pmax	Pmax		07 50 31.8 +0.1
OBN	Obrinsk	58.10	340	eP	P
OBN	comp-Z,3.0nm,1.3s	P	P		07 50 30.8 -1.4
OBN	Obrinsk	58.10	340	eP	P
OBN	comp-Z,3.0nm,1.3s	P	P		07 52 39.9
MOS	Moscow	58.26	341	eP	P
MOS	comp-Z,12nm,1.5s	P	P		07 50 30.0 -3.3
MOS	Moscow	58.26	341	eP	P
MOS	comp-Z,12nm,1.5s	P	P		07 52 50.5
TIP	Timpangrande	58.46	316	P	P
TIP	comp-Z,52nm,1.0s	P	P		07 50 33.7 -1.4
BZS	Buzias	58.52	324	P	P
BZS	comp-Z,12nm,1.4s	P	P		07 50 34.1 -1.2
BZS	Buzias	58.52	324	P	P
BZS	comp-Z,12nm,1.4s	P	P		07 50 34.1 -1.2
DRGJ	Darguz	58.56	326	P	P
DRGJ	comp-Z,11nm,1.3s	P	P		07 50 34.9 -0.8
TRPZ	Tarza	59.44	327	P	P
TRPZ	comp-Z,196nm,18.5s,baz=145,slo=37	P	P		07 50 41.2 -0.4
UZH	Uzhgorod	59.86	327	eP	P
UZH	comp-Z,196nm,18.5s,baz=145,slo=37	P	P		07 50 43.9 -0.7
UZH	Uzhgorod	59.86	327	eP	P
UZH	comp-Z,196nm,18.5s,baz=145,slo=37	P	P		07 50 45.5 -0.4
KOLS	Kolonnicke sedl	60.05	328	eP	P
KOLS	comp-Z,26nm,1.4s	Pmax	Pmax		07 50 45.5 -0.4
KOLS	Kolonnicke sedl	60.05	328	eP	P
KOLS	comp-Z,26nm,1.4s	P	P		07 50 45.5 -0.4
FITZ	Fitzroy Crossi	61.28	112	P	P
FITZ	comp-Z,26nm,1.4s	P	P		07 50 56.0 +1.2
DL2	Dalian	61.64	46	P	P
DL2	comp-Z,26nm,1.4s	P	P		07 50 52.5 -4.3
VYHS	Yynne	61.69	326	eP	P
VYHS	comp-Z,26nm,1.4s	Pmax	Pmax		07 50 55.4 -1.6
VYHS	Yynne	61.69	326	eP	P
VYHS	comp-Z,26nm,1.4s	Pmax	Pmax		07 50 55.4 -1.6
VYHS	Yynne	61.69	326	eP	P
VYHS	comp-Z,26nm,1.4s	P	P		07 50 55.4 -1.6
VYHS	Yynne	61.69	326	eP	P
VYHS	comp-Z,26nm,1.4s	P	P		07 50 55.4 -1.6
LANS	Liptovska Anna	61.69	327	eP	P
LANS	comp-Z,19nm,1.6s	P	P		07 50 55.4 -1.6
LANS	Liptovska Anna	61.69	327	eP	P
LANS	comp-Z,19nm,1.6s	P	P		07 50 56.3 -0.8
LANS	Liptovska Anna	61.69	327	eP	P
LANS	comp-Z,19nm,1.6s	P	P		07 50 56.3 -0.8
LANS	Liptovska Anna	61.69	327	eP	P
LANS	comp-Z,19nm,1.6s	P	P		07 50 56.3 -0.8
LANS	Liptovska Anna	61.69	327	eP	P
LANS	comp-Z,19nm,1.6s	P	P		07 50 56.3 -0.8
L					

7d 8h

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

2014 MAR

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

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

NEIC 07 08:45:09.0, 1.9, 2.45N, 0.09E, 128.49E, 0.09, h237km, 6km, mb3.5, 8/20, Error ellipse: s-maj=14.5km s-min=12.3km az=224.0

IDC 07 08:45:09.3, 1.4, 2.41N, 128.57E, h242km, 13km, mb3.8/20, mb1.3, 9/21, mb1mx3.6/60, mbtm4.4/21, Error ellipse: s-maj=19.9km s-min=8.4km az=75.0

ISC 07 08:45:08.7, 0.9, 2.46N, 0.06E, 128.58E, 0.08, h235km, 8km, mb3.5, 8/20, n103, 11/40, 117, mb4.2/36, 1C, Malheur

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

KRNET 07 08:54:17.4, 0.1, 41.58N, 79.25E, mb2.6, NINC 07 08:54:17.8, 1.4, 41.47N, 78.88E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=9.2km s-min=6.5km az=149.0

SOME 07 08:54:17.2, 41.50N, 78.95E, h10km, ISC 07 08:54:18.7, 2.0, 41.53N, 0.07E, 78.82E, 0.05, h14km, 12km, n45, e1944/73, 16C-6D, Kyrgyzstan-Xinjiang border region

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

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, and other parameters. Includes stations like UZB, ZHN, SHLS, KURS, TNS, ULHL, MDO, etc.

UUS 07 08:54:30.6±2.9, 38.97N±0.04, 111.41W±0.05, h=3km, 1km, Error ellipse: s-maj=6.1km s-min=4.8km az=133.0, IDC 07 08:54:31.9±1.2, 38.95N±1.17, 111.7W, h0km, mb2.9/1,

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, and other parameters. Includes stations like Q16A, TMUT, P17A, etc.

KRAR 07 09:02:00.1±0.2, 54.13N-86.69E, M2.5, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014), Southwestern Siberia

ASRS 07 09:02:59.0, 54.12N-87.07E, M1.6, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014), Southwestern Siberia

SOME 07 09:12:43.6 ±1.45N-78.92E, h10km, KRNET 07 09:12:44.2 ±1.41, 55N-79.22E, mb3.0, NNC 07 09:12:46.8 ±1.4, 41.58N-78.88E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=10.0km s-min=6.6km az=159.0, ISC 07 09:12:47.8±2.0, 41.62N±0.07, 78.80E±0.05, h8km±12km, n48, c1524/79, 21C-8D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, and other parameters. Includes stations like PRZ, PRZ, ANVS, SATY, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, and other parameters. Includes stations like MDO, KOTS, NRN, IZV, BOOM, MTBS, etc.

ATH 07 09:13:43.6, 38.18N-20.44E, h16km±1km, ML2.8/4, Error ellipse: s-maj=1.9km s-min=1.0km az=238.0, THE 07 09:13:44.0, 38.19N-20.45E, h14km, ML2.7/6, Error ellipse: s-maj=0.9km s-min=0.4km az=226.0, ISC 07 09:13:43.7±1.1, 38.19N±0.04, 20.45E±0.04, h16km±6km, n35, c032/52, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, and other parameters. Includes stations like LXR1, LXR1, ARG, ARG, etc.

WVOR	comp=Z,19nm,1.1s	IAMS_20	IAMS_20	10 49 28.6
U15A	comp=Z,1,um,20.0s			
U15A	North Rim	88.33	47 P	10 17 41.8 -0.6
WUAZ	Wupatki	88.38	48 P	10 17 42.1 -0.4
WUAZ	Wupatki	88.38	48 P	10 17 45.3 +2.8
UNM	Universidad Na	88.58	67 IAMS_20	IAMS_20 10 47 15.4
PSUT	Pine Spring	88.63	44 P	10 17 41.4 -2.2
F04A	Amboy	88.70	35 P	10 17 41.3 -2.1
X16A	Snowflake	88.74	49 IAMS_20	IAMS_20 10 48 20.5
SNY	Shenyang	88.80	320 I/P	10 17 58.5 +1.4
GRNR	Gornyy	88.83	332 I/P	10 17 45.4 +1.4
GRNR	comp=Z,20nm,0.8s			
GRNR	comp=Z,410nm,18.0s	MLR	MLR	
I07A	I07A	88.94	37 P	10 17 46.0 +1.2
J08A	Circle Bar Ran	89.02	38 P	10 17 43.5 -1.7
J08A	comp=Z,29nm,1.2s			
J08A	comp=Z,2,um,20.0s	IAMS_20	IAMS_20	10 50 34.1
CN2	Changchun	89.06	322 eP	10 17 47.5 +2.3
CN2				10 17 54.5 -1.2
CN2				10 28 34.1 +3.1
CN2	comp=Z,10.0nm,0.9s			
CN2	comp=Z,200nm,4.0s			
121A	Cookes Peak, D	89.07	52 P	10 17 44.3 -1.5
121A	comp=Z,53nm,1.4s			
121A	comp=Z,2,um,18.0s	IAMS_20	IAMS_20	10 56 06.0
121A	Cookes Peak, D	89.07	52 P	10 17 49.0 +3.2
G06A	Carlson Farm,	89.13	36 P	10 17 44.6 -1.0
G06A	comp=Z,38nm,1.1s			
ELK	Elko	89.17	42 P	10 17 48.0 +1.9
ELK	comp=Z,4.9nm,0.9s,baz=250,slow=4.2,SNR=13			
ELK	Elko	89.17	42 P	10 17 45.2 -1.0
W18A	Petrified Fore	89.23	49 P	10 17 49.6 +3.1
TIA	Taian	89.28	312 P	10 17 47.5 +1.0
TIA	comp=Z,12nm,0.8s			
TIA	comp=Z,440nm,19.4s	LR	LR	
TIA	comp=Z,430nm,20.2s	LR	LR	
LON	comp=Z,98nm,4.6s			
LON	Longmire	89.57	34 P	10 17 46.9 -0.7
LON	comp=Z,13nm,1.1s			
LON	Longmire	89.57	34 P	10 17 46.9 -0.7
LON	Kul'dur	89.69	329 P	10 17 49.0 +0.9
LON	comp=Z,16nm,1.0s,baz=85,slow=3.1,SNR=31			
LON	Kul'dur	89.69	329 P	10 17 45.6 -2.5
D05A	Enumclaw	89.79	34 P	10 17 47.7 -0.9
G06A	Pilot Rock	90.04	37 P	10 17 50.0 0.0
BRLK	Bradley Lake	90.19	13 P	10 17 49.5 -0.6
BRLK	comp=Z,34nm,1.1s			
TX31	Lajitas Ar. Si	90.27	57 P	10 17 51.6 +0.2
TX31	comp=Z,46nm,1.2s			
TX32	Lajitas Array	90.27	57 P	10 17 51.6 +0.2
TX32	comp=Z,47nm,1.2s			
TXAR	Lajitas Array	90.27	57 P	10 17 53.8 +2.4
TXAR	comp=Z,19nm,1.0s,baz=215,slow=6.1,SNR=89			
TXAR	comp=Z,528nm,22.0s,baz=0.0,slow=29			
TXAR	Lajitas Array	90.27	57 P	10 17 51.9 +0.5
DUG	Dugway, Tooele	90.29	43 P	10 17 50.8 -0.5
DUG	comp=Z,12nm,1.4s			
DUG	Dugway, Tooele	90.29	43 P	10 17 52.9 +1.6
DUG	comp=Z,2,um,22.0s	IAMS_20	IAMS_20	10 49 47.8
DUG	comp=Z,2,um,22.0s	IAMS_20	IAMS_20	10 49 47.8
MNTX	Cornudas Mount	90.30	54 P	10 17 50.9 -0.5
MNTX	comp=Z,37nm,1.3s			
E07A	Sunnyside	90.42	35 P	10 17 52.3 +0.7
E07A	comp=Z,2,um,22.0s	IAMS_20	IAMS_20	10 49 45.4
HAWA	Hamford	90.48	36 P	10 17 51.2 -0.6
B05A	Bryant	90.48	33 P	10 17 54.0 +2.3
LTY	Liberty	90.49	34 P	10 17 51.1 -0.8
LTY	comp=Z,46nm,1.4s			
LTY	comp=Z,2,um,22.0s	IAMS_20	IAMS_20	10 49 21.0
A04D	Lummi Island	90.51	32 P	10 17 55.3 +3.5
MFID	Camas Ranch	90.53	40 P	10 17 52.5 +0.2
MFID	comp=Z,25nm,1.1s			
MFID	comp=Z,1,um,19.0s	IAMS_20	IAMS_20	10 52 09.0
Q16A	Castle Valley	90.53	45 P	10 17 53.7 +1.2
Y22D	IRIS PASSCAL I	90.54	51 P	10 56 54.1
NGU	North Lily Min	90.59	44 P	10 17 53.2 +0.4
EGU	Big Grassy Mou	90.60	43 P	10 17 52.4 -0.3
SVW2	Sparrevohn	90.62	10 IAMS_20	IAMS_20 10 53 50.3
BMO	Blue Mountains	90.64	38 P	10 17 52.5 -0.2
BMO	comp=Z,31nm,1.5s			
BMO	comp=Z,1,um,18.0s	MLR	MLR	
BMO	Blue Mountains	90.64	38 P	10 17 52.5 -0.2
BMO	comp=Z,31nm,1.5s			
BMO	comp=Z,1,um,18.0s			
BBB	Bella Bella	90.64	28 P	10 17 53.8 +1.5
BBB	comp=Z,20nm,0.9s,baz=237,slow=9.4,SNR=33.3			
TMUT	Trail Mountain	90.73	45 P	10 17 52.5 -1.1
E08A	Dider Farm, El	90.79	36 P	10 17 54.1 +0.8
E08A	comp=Z,36nm,1.2s			
SEW	Seward	90.79	13 IAMS_20	IAMS_20 10 54 04.1
C06D	Leavenworth	90.83	34 P	10 17 55.4 +2.0
MPU	Maple Canyon	90.90	44 P	10 17 54.2 0.0
SRU	San Rafael Swe	91.05	45 P	10 17 53.2 -1.7
SRU	comp=Z,37nm,1.3s			
SRU	San Rafael Swe	91.05	45 P	10 17 53.2 -1.7
PBK7	Sadao Pong	91.12	288 P	10 17 54.5 -1.0
PBK7	comp=Z,38nm,1.3s			
P17A	Butcher Ranch	91.13	45 P	10 17 53.5 -1.7
SPUT	South Promonto	91.18	43 P	10 17 52.8 -2.6
D08A	Wollman Farm,	91.23	40 P	10 17 54.6 -0.7
D08A	comp=Z,2,um,21.0s	IAMS_20	IAMS_20	10 50 21.9
MVCO	Mesa Verde	91.25	48 P	10 17 53.4 -2.5
E09A	Wood Farm, Sta	91.28	36 P	10 17 55.0 -2.1
ANMO	Albuquerque	91.34	51 P	10 17 58.5 +2.1
ANMO	comp=Z,19nm,1.1s,baz=214,slow=5.3,SNR=39			
ANMO	Albuquerque	91.34	51 P	10 17 55.7 -0.6
ANMO	comp=Z,34nm,1.2s			
ANMO	Albuquerque	91.34	51 P	10 17 58.8 +2.4
ANMO	comp=Z,2,um,22.0s			
JLU	Jordanelle	91.36	44 P	10 17 54.6 -1.8

F10A	Beach Ranch, E	91.41	37 P	10 17 56.6 +0.3
MA2	Magadan	91.46	344 I/P	10 17 53.0 -3.0
RC01	comp=Z,10.0nm,1.0s			
RC01	Rabbit Creek A	91.64	13 P	10 17 57.3 +0.5
HIN	comp=Z,1,um,20.0s			
HIN	Hinchinbrook I	91.68	14 IAMS_20	IAMS_20 10 50 59.5
TCUT	comp=Z,2,um,22.0s			
GAMB	Toone Canyon	91.69	43 P	10 17 56.7 -1.2
GAMB	Gambell	91.74	2 P	10 17 57.0 -0.1
SUA	comp=Z,24nm,1.1s			
SUA	Susitna One	91.79	12 P	10 17 58.1 +0.5
SUA	comp=Z,20nm,0.9s			
HWUT	Hardware Ranch	91.89	43 P	10 17 58.1 -0.6
HWUT	comp=Z,2,um,22.0s			
B08A	Colville Reser	91.89	34 P	10 17 59.5 +1.1
B08A	comp=Z,22nm,1.4s			
EYAK	Cordova Ski Ar	91.98	15 P	10 17 57.4 -1.0
EYAK	comp=Z,37nm,1.2s			
GLI	comp=Z,2,um,22.0s			
GLI	Glacier Island	91.98	14 P	10 17 58.0 -0.5
FID	comp=Z,2,um,21.0s			
FID	Port Fidalgo	92.00	14 IAMS_20	IAMS_20 10 51 31.8
C09A	Chrisman Ranch	92.06	35 P	10 17 59.9 +0.8
C09A	comp=Z,31nm,1.4s			
C09A	comp=Z,2,um,21.0s			
RAGM	Ragged Mountain	92.08	15 IAMS_20	IAMS_20 10 50 58.3
BJT	comp=Z,2,um,22.0s			
BJT	Baijiatou	92.12	315 P	10 17 59.3 -0.3
BJT	comp=Z,36nm,1.3s			
BJT	Baijiatou	92.12	315 P	10 17 59.3 -0.3
BJT	comp=Z,36nm,1.3s			
BJT	Beijing	92.13	315 P	10 18 00.5 +0.9
BJT	SKS			10 28 29.2 -0.6
BJT	SKS			10 29 04.1 +2.5
BJT	ScS			
BJT	comp=Z,11nm,0.9s			
BJT	comp=Z,290nm,18.1s	LR	LR	
BJT	comp=Z,250nm,16.2s	LR	LR	
KNK	Knik Glacier	92.19	13 P	10 18 00.2 +0.8
KNK	comp=Z,24nm,1.0s			
KNK	IAMS_20	IAMS_20		10 54 51.8
LLL	Lillooet	92.21	31 P	10 18 00.4 +0.6
LLL	comp=Z,25nm,1.4s			
PMR	Palmer	92.22	13 P	10 17 59.4 0.0
PMR	comp=Z,11nm,0.9s			
PMR	Palmer	92.22	13 P	10 17 59.4 0.0
TTA	Tatalina	92.30	9 P	10 18 01.0 +1.1
TTA	Tatalina	92.30	9 P	10 18 01.0 +1.1
GHO	Glory Hole Cre	92.42	13 P	10 18 00.8 +0.2
GHO	comp=Z,36nm,1.2s			
GHO	IAMS_20	IAMS_20		10 54 48.1
RDMU	Red Mountain	92.50	45 P	10 17 57.7 -3.9
SML	Sawmill	92.57	13 IAMS_20	IAMS_20 10 55 01.0
TX22	4UR Ranch, Cr	92.65	48 P	10 18 04.9 +2.4
CRQM	Comp=Z,30nm,1.5s			
CRQM	Cirque	92.77	16 P	10 18 03.8 +1.5
SCM	comp=Z,20nm,1.0s			
SCM	Sheep Creek M	92.80	13 P	10 18 02.6 +0.3
SCM	comp=Z,20nm,1.0s			
SCM	Sheep Creek M	92.80	13 P	10 18 02.6 +0.3
SCM	comp=Z,20nm,1.0s			
SCM	Sheep Creek M	92.80	13 P	10 18 02.6 +0.3
TGL	Tana Glacier	92.85	16 P	10 18 03.9 +1.4
AHD	Auburn Hatcher	92.86	42 IAMS_20	IAMS_20 10 51 05.8
P07A	comp=Z,2,um,22.0s			
P07A	Perkypelle	92.87	11 IAMS_20	IAMS_20 10 55 23.6
ANM	Nome	92.87	5 P	10 18 03.2 +0.7
ANM	comp=Z,9.0nm,1.2s			
ANM	Nome	92.87	5 P	10 18 03.1 +0.7
PCA	Pinnacle	92.93	17 IAMS_20	IAMS_20 10 51 33.2
NEW	Newport	92.94	35 P	10 18 04.3 +1.0
NEW	comp=Z,2.2nm,0.7s,baz=156,slow=3.9,SNR=6.0			
NEW	Newport	92.94	35 P	10 18 03.7 +0.4
NEW	Newport	92.94	35 P	10 50 36.1
833A	Chaparral WMA,	92.95	59 P	10 18 02.4 -1.3
833A	comp=Z,34nm,1.4s			
833A	Chaparral WMA,	92.95	59 P	10 18 06.1 +2.4
833A	comp=Z,240,SNR=7.1			
O20A	White River Ci	93.08	46 P	10 18 05.1 +0.8
O20A	White River Ci	93.08	46 P	10 18 06.1 +1.8
VRDI	Verde Repeater	93.11	15 P	10 18 05.3 +1.4
VRDI	comp=Z,23nm,1.3s			
VRDI	comp=Z,2,um,22.0s			
BALM	Baldy	93.21	16 P	10 18 05.6 +1.4
BALM	comp=Z,2,um,22.0s			
GLB	Gilahina Butte	93.22	15 P	10 18 05.5 +1.3
MCARA	McCarthy VSAT	93.25	16 P	10 18 06.3 +1.5
MCARA	comp=Z,16nm,1.0s			
MCARA	comp=Z,2,um,22.0s			
MCARA	comp=Z,16nm,1.0s			
MCARA	comp=Z,2,um,22.0s			
SMCO	Snowmass	93.35	47 P	10 18 06.8 +1.0
SMCO	comp=Z,22nm,1.2s			
SMCO	comp=Z,2,um,22.0s			
SMCO	comp=Z,2,um,22.0s			
REDW	Red Top Meadow	93.36	42 P	10 18 07.2 +1.7
REDW	comp=Z,2,um,21.0s			

7d 10h

Table with columns: Station, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like TCOL, COLA, IMAR, IL31, ILAR, etc.

2014 MAR

Table with columns: Station, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like CCM, GNAR, SCIA, W45A, PVMO, HALT, etc.

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Table with columns: Station, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like M54A, R58B, P57A, M55A, CBN, WVNY, etc.

7d 11h

Table with columns: RA, RARotonga, 17.23 70 LR, LR, 10 30 08.9, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Oxford, MatQueen's Vall, Rata Peaks, etc.

2014 MAR

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Andirin, KAHRAMANMARAS, Gaziantep, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAMN Ramite, GTA Gaotai, JIRI, GUN Gumba, etc.

EAJ 07 11:08:20.4, 21.44S; 25.71E, hgkm, MD3.5
ISC 07 11:08:20.9, 2.4, 21.5S; 0.1x25.8E; 0.1, h10km, n6,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MATP Matopo, LBTB Lobatse, MSNA Messina, etc.

IDC 07 11:09:29.4, 1.3, 38.69N; 110.11W, h0km, mb1 2.9/3,
mb1 mx2.8/48, mb1mp2 4/3, ML2.9/3, Error ellipse:

UUSS 07 11:09:29.5, 2.2, 38.97N; 0.03; 11.42W; 0.05, h2km, 8km,
ML2.1/3, Error ellipse: s-maj=6.6km s-min=2.8km
az=119.0

NEIC 07 11:09:30.2, 1.8, 38.98N; 0.02; 11.49W; 0.01, h1km, 10km,
Error ellipse: s-maj=3.0km s-min=1.1km az=176.0

ISC 07 11:09:29.7, 0.9, 38.99N; 0.03; 11.43W; 0.03, h7km, n35,
@141/37, Utah

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Q16A Castle Valley, SRU San Rafael Swe, P17A Butcher Ranch, etc.

DJA 07 11:13:06.4, 0.5, 8.5S; 10.9E, h10km, M3.9/10,
MLV3.9/10, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KPJI Karang Pucung, CISI Cisempet, UGM Wanagama, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMRI Semarang, CNJI Cibinong, WOJI Wonogiri, etc.

SOME 07 11:20:03.7, 40.68N; 70.35E, h15km
KRNET 07 11:20:06.8, 0.1, 41.13N; 69.58E, mb2.5
NINC 07 11:20:06.7, 6.5, 40.80N; 70.25E, h0km, mb3.0, mpv2.6,
Error ellipse: s-maj=4.7km s-min=3.1km az=26.0

ISC 07 11:20:07.8, 1.7, 41.06N; 0.06; 69.76E; 0.09, h10km, n14,
@193/23, 8C-7Z, Kyrgyzstan

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

NEIC 07 11:25:51.3, 1.2, 40.34N; 0.03; 124.70W; 0.05, h31km, 8km,
Error ellipse: s-maj=5.9km s-min=3.5km az=102.0

NCEDC 07 11:25:52.2, 6.40; 30N; 0.02; 124.65W; 0.08, h24km, 7km,
Md2.7/28, Error ellipse: s-maj=9.5km s-min=1.7km
az=75.0

ANF 07 11:25:54.0, 0.9, 40.49N; 124.49W, h25km, ML2.3/2, Error
ellipse: s-maj=8.2km s-min=3.9km az=69.0

ISC 07 11:25:50.7, 1.7, 40.32N; 0.04; 124.73W; 0.08, h32km, 9km,
n47, @99/65, Near coast of northern California

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

Q02D Iron Peak, 1.09 118 S, 11 26 37.6 +0.7

LGPM Granite Peak, 1.56 67 P, 11 26 19.9 +0.5

N02D Trinity Center, 1.68 66 P, 11 26 18.3 +0.4

N02D Trinity Center, 1.68 66 P, 11 26 18.3 +0.4

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

WDC Whiskeytown Da, 1.69 80 S, 11 26 18.6 +0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AFDM Forest Hills D, BEKR Beckworth, I03D, etc.

IDC 07 11:26:45.6, 2.7, 0.18N; 126.19E, h47km, 29km, mb4.0/10,
mb1 4.1/13, mb1mx3.9/30, mb1mp4.2/13, ML3.5/3, MS3.3/2,
Ms1 3.3/2, ms1mx2.9/39, Error ellipse: s-maj=27.4km
s-min=14.9km az=81.0

DJA 07 11:26:45.6, 0.2, 0.1N; 126.19E, h48km, 7km, M4.3/12,
mB5.1/1, mb4.5/7, MLV4.2/12, Mv(m)4.4/1

NEIC 07 11:26:46.9, 1.3, 0.26N; 0.07; 126.50E; 0.05, h60km, 8km,
mb4.4/28, Error ellipse: s-maj=10.6km s-min=6.9km
az=154.0

ISC 07 11:26:45.3, 0.4, 0.15N; 0.05; 126.27E; 0.05, h44km, n78,
@1940/79, mb4.4/23, 1C, Northern Molucca Sea

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

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.5 +0.2

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

WRA Warrunganga Arr, 21.48 159 P, 11 31 30.8 +0.5

IDC 07 11:43:18.5±1.8, 43.57N; 105.49E, h0km, mb3.5/4, mb1 3.7/8, mb1mx3.5/4, mbmtmp3.5/6, ML3.2/4, Error ellipse: s-maj=28.6km s-min=22.2km az=129.0

ISC 07 11:43:21.1±2.1, 43.80N; 105.4E±0.2, h10km, n8, c=1659/9, mb3.6/4, Mongolia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SONGINGO Array, SONM, TLY, MKAR, etc.

IDC 07 11:48:32.0±2.2, 22.58S; 171.60E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.8/3, mbmtmp3.7/5, ML3.3/1, Error ellipse: s-maj=10.1km s-min=28.2km az=186.0

NEIC 07 11:48:38.8±2.2, 22.9S; 171.36E±0.1, h35km, 2km, mb4.0/5, Error ellipse: s-maj=26.9km s-min=3.8km az=342.0

ISC 07 11:48:38.4±0.8, 22.9S; 171.46E±0.08, h35km, n21, c=1259/19, mb3.6/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, MSV, BSW, etc.

ZUR 07 11:58:20.4, 48.01N; 7.68E, h0km, 3km, ML11.5/5, Error ellipse: s-maj=7.3km s-min=2.5km az=239.0

STR 07 11:58:21.1±0.2, 48.12N; 7.6E±0.1, h63km, 3km, MLV1.6/6, 6C, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KIZ, FELD, BERG, etc.

MAN 07 12:10:00.4, 12.54N; 123.57E, h9km, mb4.4, ML3.2, MS3.0, 2C-1D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MMHP, CNP, PVCP, etc.

NORS 07 12:32:54.1±0.0, 42.51N; 43.45E, h11km, MPVA3.2 TIF 07 12:32:54.1, 42.52N; 43.50E, h15km, 1km

ISC 07 12:32:54.5±0.9, 42.52N; 0.03, 43.49E±0.03, h14km, 6km, n13, c=909/26, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ONI, DIGR, TKB, etc.

IDC 07 12:33:31.0±1.0, 9.08S; 119.91E, h0km, mb3.9/5, mb1 3.9/7, mb1mx3.8/3, mbmtmp3.9/7, ML3.4/2, Error ellipse: s-maj=45.0km s-min=15.8km az=75.0

DJA 07 12:33:33.1±0.5, 10.9S; 7.11E±0.1, h10km, MA.2/11, mb4.5/3, MLV4.1/11

ISC 07 12:33:32.7±0.8, 10.08S; 0.07, 119.06E±0.06, h33km, n22, c=527/20, mb4.0/5, Sumba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WBSI, WSI, BASI, etc.

WEL 07 11:42:29.1±0.5, 32.5S; 18.0E±0.2, h32km, 1km, ML1.2/3, mb4.5/6, MLV4.2/3, Mw(mb)3.6/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GLKZ, WMGZ, HAZ, etc.

WEL 07 12:53:27.1±0.4, 35.5S; 17.9W±0.1, h188km, 6km, M3.9/42, mb4.5/20, MLV4.8/42, Mw(mb)3.7/20, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MXZ, WMGZ, PKGZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MBAZ, MTHZ, TOZ, etc.

IDC 07 13:11:08.2±1.2, 9.66S; 151.59E, h0km, mb3.9/13, mb1 4.1/15, mb1mx4.0/7, mbmtmp3.9/15, ML3.9/15, MS3.5/8, Ms1 3.5/8, ms1mx3.3/2, Error ellipse: s-maj=36.3km s-min=19.2km az=121.0

NEIC 07 13:11:09.0±1.7, 9.70S; 0.04, 151.66E±0.09, h10km, 1km, mb4.3/17, Error ellipse: s-maj=15.7km s-min=6.5km az=72.0

ISC 07 13:11:11.4±0.6, 9.67S; 0.08, 151.53E±0.08, h24km, n41, c=1919/37, mb4.0/15, MS3.4/6, D'Entrecasteaux Islands region

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

AS31 Alice Springs 21.84 228 P P 13 16 03.3 +0.9 ASAR Alice Springs 21.85 228 P P 13 16 03.5 +1.1

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

BUI 07 13:22:07.0±0.0, 28.40S; 176.80W, h10km, mb5.8/15, mb5.2/26, MS5.5/5, Ms7.5/24

NEIC 07 13:22:08.4±2.5, 28.00S; 0.06, 176.79W±0.09, h10km, 1km, mb5.0/36, Error ellipse: s-maj=16.6km s-min=6.4km az=125.0

MOS 07 13:22:10.6±1.2, 28.00S; 176.87W, h33km, mb5.1/22, Error ellipse: s-maj=12.7km s-min=10.5km az=91.5

IDC 07 13:22:13.3±2.5, 27.94S; 176.98W, h36km, 19km, mb4.4/22, mb1 4.6/22, mb1mx4.5/36, mbmtmp4.6/22, MS4.2/17, Ms1 4.2/17, ms1mx4.1/20, Error ellipse: s-maj=17.9km s-min=13.0km az=149.0

GCMT 07 13:22:14.4±0.3, 27.97S; 0.02, 176.74W±0.02, h23km, 3km, MW5.0/87, Moment Tensor Solution. s30,c35; s87,c119; Duration: 0 Moment tensor: Scale 1019Nm; Mr=0.55; 17; Mw=2.21±.15; Mbb=1.66±.10; Mtt=2.19±.39; Mbb/0.06; Mtt/3.21±.53; Best double couple: M=1.32010±0.16

7d 13h

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

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOC SUE, SOC SULEN, SOC SUE, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GNBR comp=N,370nm,0.3s, SEAG Tbilisi Sea, SEAG Tbilisi Sea, etc.

ANF 07 13:35:04.0:1.0, 43:18N x 126:54W, h0km, ML3.4/10, Error ellipse: s-maj=9.6km s-min=7.4km az=133.0

NEIC 07 13:35:09.1:2.6, 43:30N:0.05:126:2W:0.1, h10km, 2km, ML3.1/26, Error ellipse: s-maj=16.2km s-min=4.2km az=244.0

IDC 07 13:35:11.2:1.8, 43:58N:125:50W, h0km, mb3.2/3, mb1.3/6.1, mb1mx3.5/5.0, mbtmp3.3/11, ML2.9/8, MS2.9/5, Ms1.2/9.5, ms1mx2.7/19, Error ellipse: s-maj=29.7km s-min=10.9km az=59.0

ISC 07 13:35:08.3:3.2, 43:33N:105:126:18W:0.09, h7km, 18km, n51, i1970/51, mb3.3/3, Off coast of Oregon

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEBM Edson Butte, J01E Myrtle Point, J01E Swisshow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Umpqua Nationa, Yreka Blue Hor, Warramunga Arr, etc.

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

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

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like AKH, BATM, BTNK, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like ARU, KLMR, PRGR, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like EVGI, KEF2, VLS, etc.

ADC 07 15:35:50.8, 1.2, 38.55N, 20.27E, h0km, mb3.6/7, mbl 3.6/10, mb1mx2.4/4.5, mbmtpp3.5/10, ML3.2/3, MS3.2/3, Ms1 3.2/3, ms1mx2.6/5.3, Error ellipse: s-maj=23.8km s-min=19.0km az=60.0

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like FSK, KONA, KEF1, etc.

Table with columns: PDG, Podgorica, 4.10 348, Pn, 15 36 55.1 +0.4, etc. Includes stations like Podgorica, Herceg Novi, Bosilegrad, Barje, etc.

DDA 07 15:42:36.7, 40.96N, 38.06E, h7km, 1km, ML2.0
ISK 07 15:42:36.8, 40.94N, 38.03E, h9km, ML2.1/4
ATA 07 15:42:48.5, 1.5, 39.75N, 39.25E, h49km, 10km, ML1.5
ISC 07 15:42:36.9, 1.0, 40.95N, 0.06, 38.05E, 0.03, h12km, gkm, n14, c0812/1, Turkey

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like Ordu-Boztepe, Espiye-Giresun, Susehri, Resadiye-TOKAT, etc.

WEL 07 15:58:31.2, 1.0, 38'S, 7°17'E, h7km, gkm, M3.2/8, ML3.5/8, MLV3.2/9, North Island

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like Ohinepanea, Manawaha, Edgecumbe, Te Kaha, Raukumara Rang, etc.

Table with columns: KWHZ, Kaweka Forest, 1.96 192, P, Pn, 15 59 02.8 +0.3, etc. Includes stations like Tauwera, Ngauruhoe, Tukino, etc.

IDC 07 15:59:54.4, 0.8, 32.67S, 178.38W, h0km, mb4.3/4, mb1.4/6, mb1mx4.1/28, mbmp4.3/6, ML3.2/8, MS3.5/2, Ms1.3.5/2, ms1mx3.1/38, Error ellipse: s-maj=28.5km s-min=24.4km az=114.0

NEIC 07 16:00:07.3, 1.4, 33.33S, 0.178.5W, 0.2, h102km, 9km, mb4.9/12, Error ellipse: s-maj=27.1km s-min=12.3km az=119.0

ISC 07 15:59:55.0, 1.0, 38.259S, 0.1078.4W, 0.2, h10km, n47, r1520/11, mb4.8/11, South of Kermadec Islands

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like Green Lake, Raoul Island, Ohinepanea, Urewera, etc.

WEL 07 15:58:31.2, 1.0, 38'S, 7°17'E, h7km, gkm, M3.2/8, ML3.5/8, MLV3.2/9, North Island

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like Ohinepanea, Manawaha, Edgecumbe, Te Kaha, Raukumara Rang, etc.

IDC 07 16:07:52.8, 444.0, 39.08N, 117.53W, h0km, Error ellipse: s-maj=168.6km s-min=109.4km az=172.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like PINON FLAT INF, INFRAS, LAC DU BONNET, etc.

cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 07 16:14:52.8, 1.1, 4.40S, 103.85E, h117km, mb5.3/48 Error ellipse: s-maj=7.8km s-min=4.6km az=119.3
NEIC 07 16:14:53.9, 2.0, 4.56S, 106.103.81E, 0.06, h118km, 3km, mb5.3/72, Mw5.3/26, Error ellipse: s-maj=9.5km s-min=7.5km az=215.0
DJA 07 16:14:53.5, 0.1, 5.5, 2.10, 107km, 1km, M5.1/88, mb5.6/56, mb5.3/88, MLV5.8/27, Mw(mB)5.1/56, Mw(p)5.3/21
NEIC 07 16:14:54.4, 4.58S, 103.80E, h13km, Moment Tensor Solution, Moment tensor: Scale 10^17 Nm, Mr0.93, Mns=0.67, Ms=0.37, Mw=0.20, Mw0=0.48, Mw0.33, Fault plane solution: M1: 0.0000, 1017, NP1: 249.20000, 545.59000, 1.17, 19000. NP2: 32.41000, 849.75000, 1.64, 21000. Principal axes: T 1.0817, Plg17.0000, 545.235, 0000; N -0.1208, Plg19.0000; Azm50.0000; P -0.9609, Plg2.0000, Azm140.0000;
IDC 07 16:14:54.0, 0.3, 4.46S, 103.83E, h116km, 2km, mb4.8/59, mb1.4/8.62, mb1mx4.7/70, mbmp5.1/62, MS4.0/20, Ms1.4/0.20, ms1mx3.7/47 Error ellipse: s-maj=7.5km s-min=5.6km az=50.0
KLM 07 16:14:55.0, 1.4, 64S, 103.62E, h120km, mb5.3
ISC 07 16:14:53.7, 3.0, 4.54S, 103.03, 103.77E, 0.03, h119km, 2km, Mr0.93, P, p011, p145/967, ms5.1/158, 50C-35D, Southern Sumatra

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like Maura Dua, Liwa, Manna, Kota Agung, Kapahiang, Palembang, etc.

7d 16h

Table with columns for call sign, name, frequency, power, and other details. Includes entries like KWP Kalwaria Pacla, BZS Buzias, UZH Uzhgorod, etc.

2014 MAR

Table with columns for call sign, name, frequency, power, and other details. Includes entries like YKA comp=Z,1.4nm,0.9s,baz=306,slow=1.8,SNR=8.0, D03D Eldorado, B05A Bryant, etc.

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Table with columns for call sign, name, frequency, power, and other details. Includes entries like D47A Chapplew, E44A Grand Marais A, D48A Paudash Townsh, etc.

7d 17h

0.2nm,0.5s,baz=117,slow=7.2,SNR=7.2
ZALV Zalesovo Beam 69.72 336 P
0.5nm,0.3s,baz=144,slow=5.5,SNR=3.1

IDC 07 16:57:34.5:1.4, 34.170N:25.06E, h0km, mb3.6/3,
mb1 3.6/7, mb1mx3.2/3, mbtmp3.7/4, ML2.7/2, Error
ellipse: s-maj=2.5km s-min=10.8km az=270.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for SIVAS, TIMBALKI, ANOYIA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for KSTL, IACM, LAST, FRMA, NPS, GVD, VAM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for STIA, IMMV, KZR, KANDR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for ZARC, UREC, PTBC, DBBC, BRRC, SMLC, HELC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for ZARC, UREC, PTBC, DBBC, BRRC, SMLC, HELC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for ZARC, UREC, PTBC, DBBC, BRRC, SMLC, HELC, etc.

2014 MAR

HELIC 17 06 51.3 +1.4
HELIC 17 06 54.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for OCAC, CBOC, NORC, BARC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for PAMC, GUY2C, CAPC, RUSC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for ROSC, PLMC, UPD2, CHIC, TAMC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for SDV, SCHQ, YKA, ASAR, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for GUMO, PATS, KRVT, SIJI, H11S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for H11S, H11N, H11N3, INU, MJAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for MJAR, MAJO, MJAB, NACB, etc.

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AS31 Alice Springs 38.61 198 P
ALICE Alice Springs 38.61 198 P

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for ASHJ, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for CMAR, CMAR, CMAR, CMAR, etc.

IDC 07 17:11:46.0:0.8, 13.47N:145.85E, h0km, mb3.8/13,
mb1 4.1/13, mb1mx3.9/45, mbtmp3.8/13, MS3.7/10,
Ms1 3.7/10, ms1mx3.4/44, Error ellipse: s-maj=18.4km
s-min=15.8km az=128.0

NEIC 07 17:11:49.1:2.3, 13.4N:0.1:145.94E:0.07, h29km, 2km,
mb4.7/35, Error ellipse: s-maj=18.2km s-min=9.2km
az=167.0

ISC 07 17:11:50.8:0.5, 13.36N:0.10:145.88E:0.07, h43km, n80,
c151/69, mb4.5/28, MS3.6/9, Mariana Islands

MAN 07 17:25:42.1, 10.49N-123.99E, h22km, mb3.8, ML2.5,
MS2.0, 1C, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for LLP, MSLP, GUISP, etc.

KRNET 07 17:29:21.6:0.1, 42.70N:78.91E, h18km, mb3.1,
NNC 07 17:29:21.3:0.6, 42.70N:78.91E, h0km, mb3.5, mpv3.3,
Error ellipse: s-maj=4.9km s-min=2.1km az=165.0

SOME 07 17:29:21.3, 42.65N:78.90E, h15km,
ISC 07 17:29:20.4:1.3, 42.66N:0.04:78.92E:0.03, h2km, 10km,
n72, c111/132, 46C-34D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes rows for PRZ, UZB, SATY, SHLS, ANVS, KURS, etc.

Table with columns: IDI, Anoyia, 3.02 119 Pn, 17 44 44.2 +0.7, etc. Lists various stations and their frequencies.

Table with columns: BR131 Keskin Array S, 9.85 69 Pn, 17 46 21.5 +4.2, etc. Lists various stations and their frequencies.

Table with columns: GYET Alibek, 28.87 77 P, 17 49 57.5 +3.5, etc. Lists various stations and their frequencies.

s-maj=15.2km s-min=14.4km az=173.0
ISC 07 19:21:28.6:1.4, 33.08N:0.05:12.49W:0.07,h10km,n39,
c2512/62, Madeira Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Porto Santo, Madeira, SRHM, PMP5, etc.

ISC 07 19:28:11.3:1.9, 3.25S:144.87E, h0km, mb3.4/2,
mb1 3.8/3, mb1mx3.6/42, mbtm3.5/3, ML3.7/1, MS3.7/3,
Ms1 3.7/3, ms1mx2.9/29, Error ellipse: s-maj=128.53km
s-min=31.3km az=117.0, Near north coast of New
Guinea

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

ISC 07 19:36:31.4:2.6, 5.67S:133.85E, h0km, mb3.8/3,
mb1 4.0/6, mb1mx3.6/42, mbtm3.9/6, ML3.8/3, Error
ellipse: s-maj=91.4km s-min=28.7km az=82.0
NEIC 07 19:36:31.2:2.8, 5.69S:0.07:134.03E:0.10,h33km,4km,
mb4.0/7, Error ellipse: s-maj=15.4km s-min=8.3km
az=59.0

ISC 07 19:36:34.5:0.7, 5.75S:0.06:133.87E:0.09,h32km,n30,
c253/36, mb3.9/7, AU Islands region

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

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

NNC 07 19:36:57.9:3.2, 43.94N:86.75E, h0km, mb3.7, mpv3.5,
4C-4D, Error ellipse: s-maj=23.0km s-min=18.0km
az=106.0, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like ZSN, MK31, MK31, etc.

GII 07 19:36:59.5:0.8, 28.09N:34.66E, h2km, 17km, mb4.3/5,
MD4.2/5
HLW 07 19:37:03.2:28.25N:34.71E, h10km, 31km, Md3.0, MI3.3
SGS 07 19:37:05.28:31N:34.62E, h13km, MI3.6
ISC 07 19:37:03.4:2.4, 28.27N:0.07:34.6E:0.1, h10km, 11km,
n30, c1906/39, Egypt

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

ISC 07 19:48:53.0:1.8, 50.28N:0.09:18.35E:0.04, h0km, n5,
c0953/10, Poland

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

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

NEIC 07 19:59:17.2:1.0, 43.82N:0.05:105.19W:0.03, h0km, 1km,
ML3.8/8, Error ellipse: s-maj=9.0km s-min=3.0km
az=157.0

IDC 07 19:57:17.7:0.8, 44.00N:105.64W, h0km, mb3.9/7,
mb1 4.0/13, mb1mx3.8/42, mbtm3.8/13, ML3.6/5, MS2.5/1,
Ms1 2.5/1, ms1mx2.2/45, Error ellipse: s-maj=21.2km
s-min=6.8km az=144.0

ISC 07 19:59:16.7:0.6, 43.81N:0.06:105.22W:0.05, h0km, n102,
c092/102, mb3.9/7, Wyoming

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like RSDS, K22A, K22A, etc.

0.2nm, 0.4s, baz=124, slow=8.5, SNR=6.3

ROM 07 21:12:46.7±0.3, 38.680N, 01x15.45E±0.03, h156km±2km, M2.5/1, 1C-9D, Error ellipse: s-maj=2.0km s-min=1.4km az=117.0, Sicily

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MSRU Castanea, JOPP Joppolo, MCSR Novara, etc.

IDC 07 21:17:24.9±7.3, 36.05N, 140.18E, h75km±35km, mb3.0/3, mb1.3/1.4, mb1mx2.9/59, mbtrmp3.5/4, ML3.3/1, Ms1.1/1, Ms1.3/1.1, ms1mx2.4/20, Error ellipse: s-maj=58.9km s-min=8.8km az=60.0

JMA 07 21:17:25.0±1.1, 36.03N, 140.08E, h62km±1km, M3.0 ISC 07 21:17:25.0±1.1, 36.03N, 140.07E±0.06, h66km±9km, n15, n094/22, mb3.2/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JYT Yasato, JIHU Itakohinouch, JAG Ashikaga, etc.

BUJ 07 21:23:18.8±0.0, 6.39S, 148.12E, h37km, mb5.1/47, mb4.8/59, Ms4.9/34, Ms7.4/6/36

MOS 07 21:23:20.8±1.2, 6.22S, 147.80E, h40km, mb5.1/13, Error ellipse: s-maj=9.4km s-min=6.0km az=97.4

NEIC 07 21:23:22.7±1.9, 6.26S, 147.83E±0.07, h43km±4km, mb5.1/158, Error ellipse: s-maj=9.6km s-min=7.8km az=115.0

IDC 07 21:23:22.4±0.4, 6.29S, 147.87E, h39km±2km, mb4.6/32, mb1.4/3/36, mb1mx4.6/48, mbtmp4.8/36, ML5.0/5, MS4.4/3, Ms1.4/4.3, ms1mx3.3/42, Error ellipse: s-maj=11.9km s-min=8.3km az=81.0

GCMT 07 21:23:24.7±0.2, 6.24S, 01x148.13E±0.02, h50km±1km, MW5.1/100, Moment Tensor Solution. s67, c87, s100, c150, Duration: 0 Moment tensor: Scale 10^16Nm; Mn: 3.87±.16; M0: -3.39±.10; M0: 0.48±.12; M0: 2.41±.10; M0: 2.54±.09; M0: 0.54±.11; Best double couple: M0: 0.35000x10^16 Np2: 0.33000000, δ32.00000, λ110.00000. NP2: 0.29000000, δ60.00000, λ78.00000. Principal axes: T: 4.6090, P1g2: 0.0000, Azm17: 0.0000; N: 0.8510, P1g1: 0.0000, Azm29: 0.0000; P: -5.4820, P1g14.0000; Azm28.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 07 21:23:26.0±0.3, 6.2S, 147.8E, h171km±3km, Ms5.2/65, mb5.7/36, mb5.5/65, ML5.6/3, Mw(mB)5.2/36, Mw(p2)2

ISC 07 21:23:22.4±0.3, 6.31S, 147.91E±0.04, h42km±2km, h42km: pp-P, n580, 0.1940/597, mb5.1/156, MS4.5/41, 8C-3D, Eastern New Guinea region

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

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PMG Port Moresby, MANU Manus Island, KRVT Keravat, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, KCP Kidapawan, etc.

7d 21h

Table with columns for station code, name, frequency, and signal strength. Includes stations like FOZ Fox Glacier, TUWZ Tuamarina, XMIS Christmas Isla, etc.

2014 MAR

Table with columns for station code, name, frequency, and signal strength. Includes stations like CHTO Chiang Mai, XAN Xian, XAN comp=Z,11nm,1.2s, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like GKN Gorkha, MOY Mondy, DANN Dangsing, etc.

Table with columns: BVYM, HJSM, BSRM, NNTM, etc. and rows of station data including names, coordinates, and times.

Table with columns: KKN, DMN, PKIN, PUL, GKI, JIRN, etc. and rows of station data including names, coordinates, and times.

Table with columns: PB04, PB15, PB08, etc. and rows of station data including names, coordinates, and times.

JMA 07 21:42:45.1-0.2, 36.27N-141.83E, h73km, M3.0, IDIC 07 21:42:47.3-8.2, 35.08N-141.43E, h86km, 49km, mb3.0/3, mb1 3.0/4, mb1mx2.8/72, mbtm3.3/4, ML2.6/1, Error ellipse: s-maj=190.2km, s-min=63.7km, az=31.0, ISC 07 21:42:43.1-1.6, 36.31N-140.072, 142.0E, 0.1, h19km, n16, alpha103.20, mb3.3/3, Off east coast of Honshu

IDC 07 21:48:35.0-22.0, 3.08N-123.51E, h550km, 342km, mb2.6/5, mb1 2.75, mb1mx2.5/57, mbtm3.6/5, Error ellipse: s-maj=175.5km, s-min=42.7km, az=81.0, Celebes Sea

IDC 07 22:50:04.6-1.6, 54.32S-140.66E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.9/25, mbtm3.8/5, MS3.6/6, Ms1 3.6/6, ms1mx3.3/29, Error ellipse: s-maj=106.7km, s-min=22.1km, az=80.0, NEIC 07 22:50:07.1-1.8, 54.36S-140.09-140.0E, 0.4, h11km, 5km, mb4.2/6, Error ellipse: s-maj=33.1km, s-min=9.1km, az=105.0, ISC 07 22:50:07.1-0.8, 54.35S-141.140E, 0.2, h0km, n20, alpha152.14, mb4.0/7, MS3.5/6, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. and rows of station data including names like CHOI, CHOI, JHYU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. and rows of station data including names like WRA, ASAR, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. and rows of station data including names like TORO, STOK, STKA, etc.

IDC 07 21:43:52.4-4.9, 35.80N-71.57E, h81km, 30km, mb3.7/8, mb1 3.6/14, mb1mx3.3/79, mbtm3.9/14, Error ellipse: s-maj=56.0km, s-min=21.3km, az=151.0, NNC 07 21:43:59.0-2.1, 36.91N-70.72E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=19.8km, s-min=9.3km, az=149.0, ISC 07 21:44:01.4-0.9, 36.36N-107.72E, 0.1, h105km, n39, alpha130.39, mb3.8/7, 5C-6D, Afghanistan-Tajikistan border region

SJA 07 22:34:21.4-0.9, 21.78S-68.59W, h124km, 5km, ML3.4, MW3.6, GUC 07 22:34:22.9-0.6, 21.77S-68.54W, h114km, 3km, ML3.7, IDIC 07 22:34:34.1-8.5, 20.86S-68.06W, h194km, 58km, mb3.3/2, mb1 3.4/3, mb1mx3.0/31, mbtm3.7/3, Error ellipse: s-maj=91.8km, s-min=46.4km, az=29.0, ISC 07 22:34:22.1-0.1, 21.74S-68.60W, 0.06, h124km, 7km, n43, alpha98/63, 10C-5D, Chile-Bolivia border region

INET 07 22:52:08.5, 12.03N-87.32W, h60km, ML3.8, SNET 07 22:52:11.9-1.1, 12.24N-87.32W, h49km, 26km, ML3.5, UCR 07 22:52:11.9-1.1, 12.25N-87.30W, h45km, 19km, ML3.5, ISC 07 22:52:11.7-3.5, 12.22N-0.1-87.30W, 0.08, h62km, 38km, n12, alpha51/24, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. and rows of station data including names like JMU, THN, DHRM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. and rows of station data including names like SJA, GUC, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. and rows of station data including names like COPN, MOMT, etc.

IDC 07 23:07:54.4-4.4, 20.37S-66.62E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/51, mbtm3.5/5, MS3.7/2, Ms1 3.7/2, ms1mx3.1/30, Error ellipse: s-maj=128.0km, s-min=38.1km, az=57.0, Mauritius-Reunion region

PALK 07 23:07:54.4-4.4, 20.37S-66.62E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/51, mbtm3.5/5, MS3.7/2, Ms1 3.7/2, ms1mx3.1/30, Error ellipse: s-maj=128.0km, s-min=38.1km, az=57.0, Mauritius-Reunion region

PALK 07 23:07:54.4-4.4, 20.37S-66.62E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/51, mbtm3.5/5, MS3.7/2, Ms1 3.7/2, ms1mx3.1/30, Error ellipse: s-maj=128.0km, s-min=38.1km, az=57.0, Mauritius-Reunion region

8d 3h

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Bndi, SIJI, SAUI, GENI, etc.

2014 MAR

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like RMQ, HNR, HNR, HNR, etc.

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Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KMI, KMI, KMI, KMI, etc.

EGFH	baz=257	S	Sb	04 13 55.4 +0.2	
TWBT	baz=257 Santiao Chiao	1.19 328	eP	Pn	04 13 39.2 -0.6
ENTT	baz=302	eS	Sn	04 13 56.4 +0.5	
SLBB	baz=302 Yuanshan	1.22 309	eP	Pn	04 13 40.2 0.0
SLBB	baz=307	S	Sn	04 13 56.7 +0.3	
NDT	baz=307 Datong Townshi	1.22 300	eP	Pg	04 13 41.1 -0.3
NDT	baz=299	eS	Sn	04 13 57.1 +0.6	
JKRS	baz=299 Kuro-shima	1.24 78	P	Pg	04 13 42.8 +1.0
TIPB	baz=320	eS	Sn	04 13 57.7 +0.6	
SHANGXI	baz=320	eS	Sn	04 13 40.4 -0.2	
TIPB	baz=320	eS	Sn	04 13 57.7 +0.6	
HGSD	baz=249 Ruisui	1.25 247	eP	Pn	04 13 40.9 +0.3
HGSD	baz=249	eS	Sb	04 13 56.2 -0.7	
NNSH	baz=290 Datong	1.26 290	P	Pn	04 13 41.0 +0.2
NNSH	baz=290	eS	Sb	04 13 57.0 -0.2	
NNSB	baz=290 Datong	1.26 290	P	Pn	04 13 41.0 +0.2
NNSB	baz=290	eS	Sb	04 13 57.5 +0.3	
NNS	baz=291 Nan Shan	1.27 291	eP	Pn	04 13 41.3 +0.3
WHF	baz=278 Hehuan Shan	1.30 277	eP	Pn	04 13 41.7 0.0
WHF	baz=278	S	Sb	04 13 58.4 -0.3	
NWLT	baz=305 Wulai	1.33 306	eP	Pb	04 13 42.3 -0.1
NWLT	baz=305	eS	Sn	04 13 59.9 +0.8	
EHY	baz=251 Hungye	1.33 249	eP	Pn	04 13 42.3 +0.5
EHY	baz=251	eS	Sn	04 13 58.6 -0.5	
NWF	baz=321 Wu-fen Shan	1.35 323	eP	Pn	04 13 42.0 -0.1
NWF	baz=321	eS	Sn	04 13 59.7 0.0	
WFSD	baz=321 Wu-fen Shan	1.35 323	eP	Pn	04 13 41.9 -0.1
WFSD	baz=321	eS	Sn	04 13 59.8 +0.1	
YHNB	baz=299 Yeheng	1.36 300	eP	Pb	04 13 42.9 -0.2
YHNB	baz=299	eS	Sn	04 14 00.6 +0.5	
OWD	baz=270 Renai	1.37 269	eP	Pn	04 13 42.7 +0.3
OWD	baz=270	eS	Sn	04 13 59.1 -1.3	
CHGB	baz=274 Renai	1.38 273	P	Pn	04 13 43.0 +0.4
CHGB	baz=274	eS	Sn	04 14 00.3 -0.2	
NSK	baz=299 Sanguang	1.38 300	P	Pn	04 13 43.0 +0.5
NSK	baz=299	eS	Sb	04 14 01.5 +0.7	
JJU	baz=281 Ishigaki jima	1.39 74	P	Pg	04 13 43.9 -0.7
JJU	baz=281	eS	Sb	04 14 01.9 -0.8	
TWT	baz=247 Tachien	1.40 281	eP	Pg	04 13 43.9 +0.3
YULB	baz=247 Yu-ii	1.40 245	eP	Pn	04 13 43.2 +0.5
YULB	baz=247	S	Sn	04 14 00.4 -0.5	
TWA	baz=247 Mucha	1.40 315	eP	Pb	04 13 43.7 +0.1
TDCB	baz=281 Techi	1.41 281	eP	Pb	04 13 43.7 -0.1
TWF1	baz=245 Yuli	1.42 244	eP	Pn	04 13 43.6 +0.7
TWF1	baz=245	eS	Sn	04 14 01.4 +0.1	
VWDT	baz=262 WDT	1.43 261	eP	Pb	04 13 43.8 -0.2
VWDT	baz=262	eS	Sn	04 14 01.3 -0.2	
NHHD	baz=311 Xindian Distri	1.43 313	eP	Pb	04 13 44.0 0.0
NHHD	baz=311	eS	Sn	04 14 01.8 +0.3	
TATO	baz=311 Taipei	1.46 312	eP	Pb	04 13 44.4 -0.2
FULB	baz=240 Full	1.49 238	eP	Pn	04 13 45.2 0.0
FULB	baz=240	eS	Sn	04 14 02.3 -0.9	
CHKT	baz=240 Chengkung	1.50 234	eS	Sn	04 14 01.4 -1.8
YM01	baz=317 YM10	1.53 319	eP	Pn	04 13 45.0 +0.5
YM01	baz=317	eS	Sn	04 14 04.8 +0.6	
YM10	baz=317 YM11	1.54 319	eP	Pn	04 13 44.8 +0.1
YM10	baz=317	eS	Sn	04 13 44.8 +0.1	
DPDB	baz=272 Guoxing	1.60 272	eP	Pn	04 13 46.5 +1.0
DPDB	baz=272	eS	Sn	04 14 06.3 +0.4	
JISG	baz=281 Ishigakijimahi	1.60 68	P	Pg	04 13 46.6 -0.5
JISG	baz=281	eS	Sb	04 14 04.9 -1.1	
WHP	baz=281 Taichung City	1.61 281	eP	Pn	04 13 46.9 -0.2
WHP	baz=281	eS	Sn	04 14 06.3 +0.2	
SMLT	baz=267 Sun Moon Lake	1.63 267	eP	Pn	04 13 47.0 +1.0
LIOB	baz=293 Emei	1.65 294	eP	Pb	04 13 47.5 -0.3
YUS	baz=254 Yu-Shan	1.66 253	eP	Pb	04 13 47.9 -0.3
YUS	baz=254	eS	Sn	04 14 07.7 -0.2	
TWH	baz=222 Lutao	1.69 221	eS	Sn	04 14 06.8 -1.1
WHYT	baz=261 Xinyi Township	1.69 260	eP	Pb	04 13 48.3 -0.4
ELDTW	baz=244 Lidau	1.72 243	eP	Pn	04 13 47.5 +0.3
ELDTW	baz=244	eS	Sn	04 14 08.3 -0.6	
TQWT	baz=282 Liyutan	1.77 282	eP	Pb	04 13 50.0 0.0
ALS	baz=256 Alishan	1.78 255	eP	Pb	04 13 49.8 -0.4
WJS	baz=266 Zhushan	1.79 265	eP	Pb	04 13 51.2 +1.0
WJS	baz=266	eS	Sg	04 14 15.2 -0.3	
WNT	baz=267 Mingjian	1.83 267	eP	Pb	04 13 50.8 0.0
CHNS	baz=233 Tsauling	1.87 258	eP	Pb	04 13 52.0 +0.3
TWGBT	baz=233 Beinan	1.88 232	eP	Pn	04 13 50.5 +1.3
TWGBT	baz=233	eS	Sn	04 14 11.7 -0.9	
TWG	baz=233 Pinlang	1.88 232	eP	Pn	04 13 49.8 +0.5
TWG	baz=233	eS	Sn	04 14 11.8 -0.9	
STYT	baz=246 Tayuan	1.94 245	eP	Pb	04 13 52.1 -0.8
STYT	baz=246	P	Sn	04 14 16.1 +1.7	
JTJ	baz=246 Tarama	1.96 70	P	Pn	04 13 51.1 +0.7
JTJ	baz=246	eS	Sb	04 14 16.3 -1.0	
WDLH	baz=262 Douliu	1.98 262	eP	Pb	04 13 52.9 -0.6
WDLH	baz=262	eS	Sb	04 14 19.6 +1.7	

TPUB	baz=251	2.00 250	eP	Pb	04 13 53.4 -0.4
TPUB	baz=251	eS	Sb	04 14 18.1 -0.4	
CHN4	baz=251 Tsaishan	2.01 252	eP	Pb	04 13 54.2 +0.2
CHN4	baz=253	eS	Pb	04 14 19.0 +0.1	
WTP	baz=253 Ta-pu	2.03 249	eP	Pb	04 13 53.9 -0.5
ECL	baz=230 Taimali	2.11 229	eP	Pn	04 13 52.9 +0.5
ECL	baz=230	eS	Sn	04 14 17.1 -1.2	
SLGT	baz=243 Liugui	2.11 242	eP	Pb	04 13 55.0 -0.7
CHY	baz=258 Chiayi	2.12 257	eP	Pb	04 13 55.5 -0.4
CHY	baz=258	eS	Sb	04 14 21.8 -0.2	
RLNB	baz=268 Erin	2.12 268	eS	Sb	04 14 21.7 -0.3
SGST	baz=246 Jiashian	2.12 245	eS	Sn	04 14 21.0 +2.2
CHN1	baz=249 Nanshi	2.13 248	eP	Pb	04 13 55.1 -0.9
CHN1	baz=249	eS	Sb	04 14 22.0 -0.2	
TWK	baz=251 Hsinying	2.13 251	eP	Pb	04 13 55.5 -0.6
TWK	baz=251	eS	Sb	04 14 22.0 -0.3	
LAY	baz=210 Lan-yu	2.20 208	eP	Pn	04 13 53.6 -0.2
LAY	baz=210	eS	Sn	04 14 18.9 -1.8	
SSD	baz=238 Sandimen	2.25 237	eP	Pb	04 13 57.7 -0.4
SSD	baz=238	eS	Sb	04 14 25.9 +0.1	
EAST	baz=228 Anshuo	2.32 227	eP	Pn	04 13 56.0 +0.6
MASBT	baz=235 Mashibuluo	2.33 234	eP	Pn	04 13 57.2 +1.8
WDGT	baz=266 Dungji	2.86 256	eP	Pn	04 14 04.6 +1.9
PHUB	baz=261 Peng-hu	2.88 261	eP	Pn	04 14 05.0 +1.9
PHUB	baz=261	eS	Sn	04 14 37.9 +0.4	
PNG	baz=262 Penghu	2.89 262	eP	Pn	04 14 04.4 +1.2
PNG	baz=262	eS	Sn	04 14 38.4 +0.8	
VWUC	baz=288 VWUC	3.10 289	eP	Sn	04 14 05.9 -0.2
VWUC	baz=288	eS	Sn	04 14 39.6 -3.3	
PTMZ	baz=288 Houxiangcun	3.40 289	eP	Pn	04 14 10.2 0.0
PTMZ	baz=288	eS	Sn	04 14 47.0 -3.3	
XPSS	baz=321 Dashiqu	3.69 323	eP	Pn	04 14 14.3 +0.1
XPSS	baz=321	eS	Pb	04 14 14.3 +0.1	

NEIC 08 04:16:30.9±2.4, 33°90'N, 0°03'±118°45'W, 0.03, h8km, 5km, Error ellipse: s-maj=6.1km s-min=2.2km az=142.0
ANF 08 04:16:30.6±0.2, 33°98'N, 118°41'W, h16km, 1km, ML3.2/29, Error ellipse: s-maj=1.5km s-min=1.3km az=68.0
PAS 08 04:16:31.4±2.2, 33°97'N, 0°04'±118°43'W, 0.04, h10km, 3km, ML3.1/236, Error ellipse: s-maj=5.9km s-min=4.8km

SCEDC 08 04:16:31.5, 33°97'N, 118°43'W, h10km
ISC 08 04:16:31.4±0.8, 33°96'N, 0°02'±118°42'W, 0.02, h16km, 4km, n108, t1901/144, Southern California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LHGC	La Cienega, Cu	0.05	46	Pg	04 16 33.8 -0.8	Pg
LHGC	La Cienega, Cu	0.05	46	Pg	04 16 33.8 -0.8	Pg
BHPC	Baldwin Hills	0.06	62	Pg	04 16 33.7 -0.8	Pg
BHPC	Baldwin Hills	0.06	62	Pg	04 16 33.7 -0.8	Pg
USC	University of USC	0.13	64	Pg	04 16 35.8 -0.6	Pg
USC	University of USC	0.13	64	Pg	04 16 35.8 -0.6	Pg
WTT2	Watts, South G	0.14	96	Pg	04 16 37.9 +0.3	Pg
WTT2	Watts, South G	0.14	96	Pg	04 16 37.9 +0.3	Pg
DJ2	Donna J Jenkin	0.14	350	Pg	04 16 35.1 -0.2	Pg
DJ2	Donna J Jenkin	0.14	350	Pg	04 16 35.1 -0.2	Pg
DJ2	Donna J Jenkin	0.14	350	Pg	04 16 34.3 -1.1	Pg
DJ2	Donna J Jenkin	0.14	350	Pg	04 16 34.3 -1.1	Pg
DJ2	Donna J Jenkin	0.14	350	Pg	04 16 37.0 -1.0	Pg
DJ2	Donna J Jenkin	0.14	350	Pg	04 16 37.0 -1.0	Pg
GR2C	Griffith Obs.	0.19	34	Pg	04 16 35.1 -0.8	Pg
GR2C	Griffith Obs.	0.19	34	Pg	04 16 35.1 -0.8	Pg
HLLC	North Hollywood	0.22	14	Pg	04 16 38.2 -0.9	Pg
HLLC	North Hollywood	0.22	14	Pg	04 16 38.2 -0.9	Pg
RPV	Rancho Palos V	0.22	176	Pg	04 16 35.9 +0.6	Pg
RPV	Rancho Palos V	0.22	176	Pg	04 16 35.9 +0.6	Pg
GVRV	Garvey Reservo	0.27	71	Pg	04 16 37.2 0.0	Pg
GVRV	Garvey Reservo	0.27	71	Pg	04 16 37.2 0.0	Pg
FMP	Fort Macarthur	0.27	157	Pg	04 16 36.8 -0.6	Pg
FMP	Fort Macarthur	0.27	157	Pg	04 16 36.8 -0.6	Pg
FMP	Fort Macarthur	0.27	157	Pg	04 16 36.8 -0.6	Pg
FMP	Fort Macarthur	0.27	157	Pg	04 16 36.8 -0.6	Pg
FMP	Fort Macarthur	0.27	157	Pg	04 16 36.8 -0.6	Pg
FMP	Fort Macarthur	0.27	157	Pg	04 16 36.8 -0.6	Pg
PASC	Pasadena Art C	0.29	44	Pg	04 16 36.7 -0.9	Pg
PASC	Pasadena Art C	0.29	44	Pg	04 16 36.7 -0.9	Pg
PASC	Pasadena Art C	0.29	44	Pg	04 16 40.8 -1.0	Pg
PASC	Pasadena Art C	0.29	44	Pg	04 16 40.8 -1.0	Pg
DECC	Green Verdugo	0.30	14	Pg	04 16 37.0 -0.8	Pg
DECC	Green Verdugo	0.30	14	Pg	04 16 37.0 -0.8	Pg
DECC	Green Verdugo	0.30	14	Pg	04 16 41.3 -0.9	Pg
DECC	Green Verdugo	0.30	14	Pg	04 16 37.1 -0.8	Pg
DECC	Green Verdugo	0.30	14	Pg	04 16 37.1 -0.8	Pg
DECC	Green Verdugo	0.30	14	Pg	04 16 41.5 -0.7	Pg
GSA	Caltech-GSA	0.30	55	Pg	04 16 37.2 -0.6	Pg
GSA	Caltech-GSA	0.30	55	Pg	04 16 37.2 -0.6	Pg
CACC	Caltech Cellar	0.30	55	Pg	04 16 37.2 -0.6	Pg
CACC	Caltech Cellar	0.30	55	Pg	04 16 37.2 -0.6	

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PRU Pruhonice, CLL Collim, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PBO9 Limon Verde, PBO3 IPOC Station P, PBO2 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like GOAT Goat Mountain, YUK7 Dusty Glacier, YUK6 Outpost Mounta, etc.

Code Station Name Az Az' Phase ID Time Res ISC H m s ISC
PBO9 IPOC Station P 0.87 264J Op Pn 04 54 17.3 +0.5

Table with columns: ASAR, Alice Springs, 7.83 330 Pn, Pn, 05 16 54.7+1.3, etc.

DJA 08 05:18:08.0.0.5, 2°N5.1'x12°8E.1', h134km, 3km, M4, 7/20, mb4.8/20, mB5.1/8, MLV4.9/8, Mw(mb)4.5/8

MAN 08 05:18:09.7.2.59N:127.91E, h101km, mb5.1, ML4.0, MS4.1

ISC 08 05:18:09.2.0.6, 2.36N:0°04.128'26E:0°06.1147'7km, 5km, n164.0, 14/176, mb4.4/47, 1C-1D, Halmahera

Main table listing station names, coordinates, and times for stations like TERNATE, TERNATE, TERNATE, etc.

Main table listing station names, coordinates, and times for stations like LSA Lhasa, LSA Gaotai, LSA Gaotai, etc.

Main table listing station names, coordinates, and times for stations like TOAO Torodi Arr, TORO Torodi Arr, SADO Sadowa, etc.

Table with columns: SATY, Station Name, Time, Res, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SATY 18nm,0.1s, SATY 513nm,0.1s, ZHN Zhinshke, etc.

Table with columns: DJR, Station Name, Time, Res, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DJR Jarkent, DJR 1.0nm,0.2s, DJR 15nm,0.3s, etc.

Table with columns: SDDR, Station Name, Time, Res, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, URIC Uriba, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OMMB Old Mammoth Mt, MDPB Devils Postpil, TPNV Topopah Spring.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA comp=Z,1.4nm,0.3s, baz=94, slow=7.8, SNR=2.8, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like D03D Eldon, VNA3 Neumayer Olymp, HDA Hards Lake.

ATA 08 07:01:49.1±3.8, 39.05N±0.32E, h15km, ML2.7, MW3.2
DDA 08 07:02:10.3±0.01N±38.84E, h7km, 1km, ML1.2

comp=Z,1.7nm,0.7s, baz=100, slow=12, SNR=2.8
comp=Z,1.1nm,0.8s, baz=108, slow=4.7, SNR=3.9

baz=242
Eldon 89.84 39 P P 07 16 41.0 +0.8

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NL2 Nanjing, GSPA South Pole Qui, GSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I07A Ize, R11A Troy Canyon, R11A Troy Canyon.

IDC 08 07:03:59.0±0.9, 19.20S±169.16E, h158km, 7km, mb4.1/17, mb1.4/3/18, mb1mx4.1/34, mbtmp4.5/18, MS3.0/1, Ms1.3/0.1, ms1mx2.6/27, Error ellipse: s-maj=15.8km

comp=Z,1.7nm,0.7s, baz=108, slow=4.7, SNR=3.9
comp=Z,1.1nm,0.8s, baz=108, slow=4.7, SNR=3.9

baz=242
Yellowknife Arr 100.62 27 P Pdif 07 17 28.1 -0.8

NEIC 08 07:03:59.9±1.7, 19.20S±169.16E±0.1, h164km±5km, mb4.7/7.2, Error ellipse: s-maj=15.6km s-min=9.3km

comp=Z,1.7nm,0.7s, baz=108, slow=4.7, SNR=3.9
comp=Z,1.1nm,0.8s, baz=108, slow=4.7, SNR=3.9

baz=242
Yellowknife Arr 100.62 27 P Pdif 07 17 28.1 -0.8

ISC 08 07:03:58.2±0.4, 19.14S±0.06±169.15E±0.07, h147km, n205, ±19.06/203, mb4.6/46, 1C, Vanuatu Islands

comp=Z,1.7nm,0.7s, baz=108, slow=4.7, SNR=3.9
comp=Z,1.1nm,0.8s, baz=108, slow=4.7, SNR=3.9

baz=242
Yellowknife Arr 100.62 27 P Pdif 07 17 28.1 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DZM Mont Dzumak, DZM Mont Dzumak, DZM Mont Dzumak.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AFDM Forest Hills D, AFDM Forest Hills D, AFDM Forest Hills D.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like G08A Pilot Rock, G08A Pilot Rock, G08A Pilot Rock.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BHW Baring Head, THZ Topohu, MSWZ Moikua Station.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BC3 Big Chuckwall, MOD Modoc Plateau, J05D Fort Rock, OR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TAP 08 07:05:53.9±24.84N±122.08E, h8km, ML3.4, C, JMA 08 07:05:55.0±0.1, 24.76N±122.11E, h38km, M2.7.

NWF		S	Sb	07 06 07.7	-1.0
WFSB	baz=311	eP	Pb	07 06 02.1	-0.4
WFSB	baz=311	S	Sg	07 06 07.5	+0.8
TWE	Neicheng	0.44 255	eP	07 06 02.2	0.0
TWE	baz=251	eS	Sb	07 06 08.5	+0.4
SLBB	Yuanshan	0.46 260	eS	07 06 09.7	-0.9
TWA	Mucha	0.52 286	eP	07 06 03.9	+0.2
TWA	baz=287	eS	Sb	07 06 11.7	-0.4
ENA	Nanau	0.55 221	eP	07 06 04.5	+0.3
ENA	baz=215	eS	Sb	07 06 12.5	-0.3
ENTT	Nioudou	0.56 249	eP	07 06 05.0	-0.2
ENTT	baz=246	eS	Sb	07 06 12.4	-0.8
NHHD	Xindian Distri	0.57 283	eP	07 06 04.8	+0.2
NHHD	baz=284	eS	Sb	07 06 13.2	-0.4
NWLT	Wulai	0.58 264	eP	07 06 05.3	-0.4
NWLT	baz=263	eS	Sg	07 06 12.8	+0.3
TAP1	Taipei	0.59 290	eP	07 06 05.6	-0.2
TAP1	baz=291	eS	Sb	07 06 14.3	+0.1
YM01	YM01	0.60 301	eP	07 06 05.6	-0.4
YM01	baz=303	eS	Sb	07 06 14.3	-0.1
TATO	Taipei	0.60 283	eP	07 06 06.3	+0.2
TATO	baz=284	eS	Sb	07 06 14.3	-0.2
YM11	YM11	0.60 303	eP	07 06 05.6	+0.3
YM11	baz=305	eS	Sb	07 06 14.4	-0.3
TAP	Taipei	0.61 289	eP	07 06 05.7	-0.4
TAP	baz=291	eS	Sb	07 06 14.3	-0.3
YM08	YM08	0.61 305	eP	07 06 05.8	-0.2
YM08	baz=308	eS	Sb	07 06 14.4	-0.2
YM10	YM10	0.61 301	eP	07 06 06.9	+0.7
YM10	baz=304	eS	Sb	07 06 15.0	+0.2
NDT	Datong Townshi	0.61 248	eP	07 06 05.8	-0.4
NDT	baz=245	eS	Sb	07 06 14.5	-0.4
YM04	YM04	0.63 300	eP	07 06 06.5	+0.1
YM04	baz=302	eS	Sb	07 06 14.9	-0.4
YM03	YM03	0.64 302	eP	07 06 06.3	+0.3
YM03	baz=305	eS	Sb	07 06 15.8	+0.2
TWY	Chenhua	0.65 312	eP	07 06 15.8	-0.1
TWY	baz=315	eS	Sb	07 06 15.8	-0.2
TWS1	Kuanynshan	0.70 292	eP	07 06 07.7	0.0
TWS1	baz=314	eS	Sb	07 06 17.1	-0.3
YHNB	Yeheng	0.71 256	eP	07 06 07.3	0.0
YHNB	baz=255	eS	Sb	07 06 17.5	-0.3
NSK	Sanguang	0.73 257	eP	07 06 07.8	-0.4
NSK	baz=255	eS	Sb	07 06 18.1	0.0
PCYT	Pengchayiu	0.79 356	eP	07 06 09.6	+0.4
PCYT	baz=257	eS	Pb	07 06 21.9	-0.4
NNSB	Datong	0.80 239	eP	07 06 09.0	+0.1
NNSB	baz=237	eS	Sb	07 06 19.9	-0.4
NNSH	Datong	0.80 239	eP	07 06 09.3	-0.1
NNSH	baz=237	S	Sb	07 06 19.8	-0.5
NNS	Nan Shan	0.80 240	eP	07 06 09.1	+0.1
NNS	baz=237	S	Sb	07 06 19.7	-0.6
WLTB	Daxi	0.80 271	eP	07 06 09.1	+0.1
WLTB	baz=271	eS	Sb	07 06 20.3	+0.1
NACB	Ninganchiao	0.83 217	eP	07 06 09.7	-0.1
NACB	baz=213	eS	Sb	07 06 21.7	+0.7
JYNG	Yonagunijimaku	0.83 118	P	07 06 10.2	+0.3
JYNG	baz=257	eS	Sg	07 06 20.6	+0.2
ETLH	Xiulin Townshi	0.87 224	P	07 06 10.6	0.0
ETLH	baz=220	eS	Sb	07 06 22.8	+0.6
NCU	National Centr	0.87 279	eP	07 06 10.4	0.0
NCU	baz=279	eS	Sb	07 06 22.4	+0.2
YOJ	Yonaguni jima	0.88 115	eP	07 06 11.7	+1.0
YOJ	baz=113	eS	Sn	07 06 24.8	+0.3
YOJ	Yonaguni jima	0.88 115	P	07 06 11.1	+0.4
YOJ	baz=113	eS	Sb	07 06 21.8	-0.2
TWD	Chiawan	0.90 213	P	07 06 10.7	-0.3
TWD	baz=209	S	Sb	07 06 23.1	0.0
LIOB	Emei	1.04 260	eP	07 06 13.2	-0.3
LIOB	baz=258	eS	Sn	07 06 27.8	-0.6
SBCC	Hsinchu	1.05 268	eS	07 06 28.1	-0.5
SBCC	baz=267	eS	Sn	07 06 14.1	0.0
ENLB	Shoufeng	1.05 208	eP	07 06 29.0	+0.3
ENLB	baz=204	eS	Sn	07 06 29.0	+0.3
TWT	Tachien	1.05 237	eP	07 06 13.9	+0.1
TWT	baz=234	eS	Sn	07 06 28.8	-0.2
NSTT	Nanjuang	1.05 259	eP	07 06 13.6	-0.2
NSTT	baz=257	eS	Sb	07 06 27.9	+0.4
WHF	Hehuan Shan	1.05 229	eP	07 06 13.8	-0.1
WHF	baz=226	S	Sb	07 06 28.2	+0.3
TDCB	Techi	1.06 237	eP	07 06 14.4	0.0
TDCB	baz=235	S	Pb	07 06 28.4	+0.4
CHGB	Renai	1.17 229	eP	07 06 15.5	-0.3
CHGB	baz=226	S	Sn	07 06 32.0	0.0
ESL	Shilin	1.21 212	eP	07 06 17.0	+0.3
ESL	baz=209	eS	Sb	07 06 33.3	+0.8
WHP	Taichung City	1.22 243	eP	07 06 16.8	-0.2
WHP	baz=241	eS	Sn	07 06 33.2	+0.2

OWD	Renai	1.24 225	eP	Pb	07 06 17.1	+0.1
OWD	baz=223	S	Sg	07 06 33.4	-0.2	
NSY	Sanyi	1.32 252	eP	Pn	07 06 18.0	+0.2
NSY	baz=250	eS	Sb	07 06 36.1	0.0	
EGFH	Guangfu	1.33 209	eP	Pb	07 06 18.3	-0.1
EGFH	baz=206	eS	Sg	07 06 37.3	+0.8	
TWQ1	Liyutan	1.33 249	eP	Pb	07 06 18.5	0.0
TWQ1	baz=247	eS	Sg	07 06 36.8	+0.3	
PTSB	Yuanli	1.36 254	eS	Sg	07 06 37.0	-0.3
PTSB	baz=252	eS	Sg	07 06 37.5	+0.1	
DPDB	Guoxing	1.41 220	eP	Pb	07 06 19.5	-0.3
DPDB	baz=232	eS	Sg	07 06 39.0	+0.1	
VWDT	VWDT	1.41 220	eP	Pb	07 06 21.0	0.0
VWDT	baz=218	eS	Sg	07 06 40.5	-0.5	
SMLT	Sun Moon Lake	1.48 230	eP	Pb	07 06 21.5	+0.3
SMLT	baz=228	eS	Sg	07 06 41.8	+0.2	
HGSD	HGSD	1.49 206	eP	Pb	07 06 20.7	-0.5
HGSD	baz=203	eS	Sg	07 06 40.5	+0.4	
TYC	Yuchr	1.49 232	eP	Pb	07 06 21.7	+0.2
TYC	baz=229	eS	Sb	07 06 41.7	-0.3	
SSLB	Suanglung	1.50 226	eP	Pb	07 06 21.2	+0.6
SSLB	baz=224	S	Sg	07 06 42.2	-0.3	
EHY	Hungye	1.52 209	eP	Pn	07 06 22.9	-1.0
EHY	baz=207	eS	Sg	07 06 39.7	-1.0	
IRIF	Yunote-Funau	1.54 109	S	Sn	07 06 25.7	+0.4
IRIF	baz=206	eP	Sb	07 06 44.8	+0.6	
YULB	YULB	1.63 208	eP	Pb	07 06 22.9	-0.7
YULB	baz=206	eS	Sb	07 06 44.2	0.0	
WHYT	Xim Township	1.63 226	eP	Pb	07 06 44.5	+0.2
WHYT	baz=224	eS	Sb	07 06 23.4	+0.8	
WJS	Zhushan	1.64 232	eS	Sb	07 06 45.5	+0.3
WJS	baz=230	eS	Sb	07 06 24.9	-0.5	
TWF1	TWF1	1.67 208	eP	Pb	07 06 46.9	-0.4
TWF1	baz=205	eS	Sb	07 06 25.9	-0.7	
YUS	Yu-Shan	1.73 219	eP	Pb	07 06 48.2	+0.6
YUS	baz=205	eS	Sb	07 06 26.2	-0.4	
ALS	Alisan	1.80 223	eP	Pb	07 06 49.2	0.0
ALS	baz=221	eS	Sn	07 06 29.4	-1.3	
FULB	FULB	1.81 205	eP	Pb	07 06 55.1	-1.0
FULB	baz=203	eS	Pn	07 06 28.7	+0.7	
JKRS	Kuro-shima	1.81 109	P	Pn	07 06 55.5	-1.0
JKRS	baz=217	eS	Sb	07 06 29.3	+0.8	
WDLH	WDLH	1.85 232	eS	Pn	07 06 29.3	+0.8
WDLH	baz=221	eS	Sb	07 06 56.6	-0.9	
JJJ	Ishigaki jima	1.89 104	P	Pn	07 06 57.8	+1.3
JJJ	baz=230	S	Sn	07 06 31.4	+1.3	
ELDTW	Lidau	1.94 212	eS	Sn	07 06 59.1	-1.7
ELDTW	baz=210	eS	Sb	07 06 59.9	-1.6	
CHN4	Tsauhshan	2.05 224	eP	Pb		
CHN4	baz=222	eS	Sb			
TPUB	TPUB	2.06 222	eP	Pb		
TPUB	baz=220	eS	Sb			
STYT	STYT	2.09 217	eP	Pn		
STYT	baz=215	eS	Sb			
STYT	Tauyuan	2.17 224	eP	Pn		
STYT	baz=215	eS	Sb			
TKW	Hsiinyang	2.17 224	eP	Pn		
TKW	baz=222	eS	Sn			
TKW	TKW	2.21 222	eP	Pn		
TKW	baz=220	eS	Sb			
CHN1	Nanshi	2.21 222	eP	Pn		
CHN1	baz=220	eS	Sb			
CHN1	CHN1	2.23 206	eS	Sb		
CHN1	baz=204	eS	Sb			

$\lambda 164.37000^\circ$. Principal axes: T 1.5825, Plg14.0000°, Azm171.0000°; N 0.1450, Plg74.0000°, Azm23.0000°; P -1.7274, Plg8.0000°, Azm263.0000°.

GCMT 08 07:14:14.4, 0.53:25S:0.01:9.75E:0.01, h16km, MW5.4/154, Moment Tensor Solution. s111,c182; s154,c280; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mr=0.22±0.02; Mw=1.69±0.02; Mbb=1.48±0.02; Mbd=1.0±0.05; Mbd=0.35±0.02; Mbd=0.52±0.06; Best double couple: Mo1.7100x1017 NP1.98x127.00000°, 83.00000°, 1-10.00000°. NP2.98x220.00000°, 88.00000°, 1-163.00000°. Principal axes: T 1.7410, Plg5.0000°, Azm353.0000°; N -0.0560, Plg70.0000°, Azm250.0000°; P -1.6930, Plg19.0000°, Azm85.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 08 07:14:15.53:26S:9.78E, h18km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr=0.15; Mw=1.78; Mbb=1.63; Mbd=0.13; Mbd=0.37; Mbd=0.32; Fault plane solution: Mo1.7800x1017 NP1.98x128.00000°, 84.00000°, 1-10.00000°. NP2.98x219.00000°, 88.00000°, 1-174.00000°. Principal axes: T 1.8262, Plg3.0000°, Azm174.0000°; N -0.0870, Plg78.0000°, Azm278.0000°; P -1.7392, Plg12.0000°, Azm83.0000°.

ISC 08 07:14:10.0, 0.4, 53:18S:0.01:9.75E:0.10, h16km, n129, c18417.5, mb4.8/26, MS4.8/58, 1c-1D, Southwest of Africa

Code	Station Name	°	AZ	Phase ID	Time	Res
					h m s	ISC
VNA1	Neumayer-Stat	19.26	198	P	07 18 35.2	0.0
SNA4	Sanae	19.33	192	P	07 18 35.1	+0.5
SNA4	Sanae	19.33	32	P	07 18 35.0	0.0
SNA4	0.8nm, 0.3s, baz=20, slow=9.7, SNR=197			S	07 21 51.8	-21
SNA4	comp=Z, 2.1m, 20.7s, baz=16, slow=31			LR	07 24 11.4	
SNA4	Sanae	19.33	192	P	07 18 35.3	+0.2
VNA2	Neumayer-Watz	19.34	197	P	07 18 35.4	+0.3
VNA3	Neumayer Olymp	20.01	198	P	07 18 42.7	+0.2
SYO	Syowa Base	21.17	150	eP	07 18 51.0	-4.0
SYO	Syowa Base	21.17	150	eP	07 18 54.0	-1.0
SUR	Sutherland	22.34	26	P	07 19 08.7	+0.6
SUR	32nm, 1.1s, baz=194, slow=9.8, SNR=5.2			S	07 23 09.5	-4.3
SUR	12nm, 0.8s, baz=106, slow=12, SNR=3.5			LR	07 25 49.1	
SUR	comp=Z, 2.1m, 19.9s, baz=198, slow=31			P	07 19 09.2	+1.1
BOSA	Sutherland	22.34	26	P	07 19 54.4	+0.8
BOSA	27.1m, 1.0s, baz=196, slow=9.6, SNR=5.1			LR	07 29 08.1	
BOSA	comp=Z, 2.1m, 18.4s, baz=198, slow=33			P	07 19 56.6	+3.0
BOSA	BoshoF	27.17	32	P	07 20 11.0	
BOSA	comp=Z, 50nm, 1.5s			IAMB	07 29 16.7	
MAW	Mawson	28.94	141	LR	07 20 24.1	-0.4
LBTB	comp=Z, 1.1m, 21.4s, baz=285, slow=31			P	07 20 25.0	+0.5
LBTB	Lobatsv	30.64	30	P	07 20 58.4	+0.2
LBTB	comp=Z, 4.4nm, 0.7s, baz=197, slow=11, SNR=5.6			P	07 20 58.8	+0.2
TSUM	Tsumeb	34.50	14	P	07 20 59.8	+1.5
TSUM	comp=Z, 7.4nm, 0.8s, baz=187, slow=7.5, SNR=8.7			IAMB	07 21 14.1	
TSUM	Tsumeb	34.50	14	IAMB	07 32 09.1	
TSUM	comp=Z, 2.3nm, 1.1s			IAMS_20	07 32 09.1	
MATP	Matopos	35.84	32	P	07 21 07.1	-2.7
MATP	comp=Z, 5.2nm, 0.8s, baz=211, slow=7.5, SNR=10			P	07 21 19.5	-0.3
QSPA	South Pole Qui	37.05	180	P	07 21 19.9	0.0
QSPA	comp=Z, 2.0nm, 1.1s, baz=229, slow=3.3, SNR=28.6			IAMB	07 21 21.2	

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PB11 IPOC Station P, MMNC Mlneya, ATD Arta Tunnel, etc.

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

IDD 08 07:21:25.41.1.6, 32:60S:178:09W, h0km, mb4.2/3, mb1 4.4/4, mb1mx4.0/25, mbtmtp4.2/4, Error ellipse: s-maj=50.7km s-min=31.0km az=136.0

NEIC 08 07:21:26.15.1.32:35S:0:1:177:91W:0:07, h10km, 2km, mb4.6/9, Error ellipse: s-maj=25.7km s-min=8.4km az=163.0

ISC 08 07:21:27.7.1.1, 32:45S:0:1:177:90W:0.2, h20km, n27, c158E/25, mb4.5/7, 1C, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, URZ Urewera, URZ Urewera, etc.

KEA 08 07:23:59.0:10.40:65N:122:30E, h0km, ML2.8/4, Northeastern China

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SUJ Sinuiju, SUJ Sinuiju, PYS Pyongsong, etc.

IDD 08 07:35:55.4:1.8, 4:34S: 133:35E, h0km, mb3.7/2, mb1 4.1/6, mb1mx3.7/34, mbtmtp3.9/6, ML3.9/4, Error ellipse: s-maj=65.6km s-min=17.7km az=67.0

ISC 08 07:35:58.1:1.1, 4:54S:0:07:133:3E:0.2, h21km, n6, c345/11, Irian Jaya

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

NEIC 08 08:04:23.7:2.4, 18:11N:0:1:68:22W:0:04, h52km, 27km, Error ellipse: s-maj=21.8km s-min=3.2km az=192.0

OSPL 08 08:04:24.0:0.5, 17:99N:68:29W, h16km, 4km, ML2.4

RSPR 08 08:04:24.7, 18:12N:68:25W, h45km, 2km, MD3.0/12, ISC 08 08:04:23.3:1.6, 18:11N:0:1:68:25W:0:03, h31km, 12km, n43, c096/57, 9C-30, Mona Passage

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PCDR Punta Cana, PCDR Punta Cana, PCDR Punta Cana, etc.

SC01 Santiago de los Caballeros, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/40, mbtmtp3.6/3, Error ellipse: s-maj=176.5km s-min=24.3km az=66.0, Northern Molucca Sea

ISC 08 08:39:17.3:2.0, 1:62N:126:43E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/40, mbtmtp3.6/3, Error ellipse: s-maj=176.5km s-min=24.3km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SC01 Santiago de los Caballeros, SC01 Santiago de los Caballeros, SC01 Santiago de los Caballeros, etc.

LJU 08 08:43:18.0, 45:94N:15:46E, h2km, ML0.1, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warrungunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDD 08 08:50:52.4:3.8, 5:58S: 102:86E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/39, mbtmtp3.8/6, Error ellipse: s-maj=160.6km s-min=20.9km az=54.0

NEIC 08 08:50:55.3:2.3, 6:01S:0:09:102:5E:0:2, h35km, 4km, mb4.4/8, Error ellipse: s-maj=27.0km s-min=8.5km az=68.0

ISC 08 08:50:53.8:1.1, 5:95S:0:1:102:6E:0:2, h21km, n27, c1930/24, mb4.2/11, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MNAI Manna, XMIS Christmas Isla, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, TENNANT CREEK, ALICE SPRINGS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, EIELSON ARRAY, etc.

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

IDC 08 09:32:31.2-1.8, 32/48N:40:19W, h0km, mb3.3/5, mb1 3.6/5, mb1mx3.4/3.0, mbtmp3.3/5, MS3.2/2, Ms1 3.2/2, ms1mx2.0/1.6, Error ellipse: s-maj=91.4km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO DI AR. BEA, ASCENSION HYDR46, etc.

IDC 08 10:14:04.8-5.1, 49:73S:123:54E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.6/4.2, mbtmp3.8/2, MS3.2/1, Ms1 3.1/1, ms1mx2.8/1.7, Error ellipse: s-maj=299.9km

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

IDC 08 11:21:23.3-1.0, 7:21S: 129:19E, h124km, 33km, mb3.5/2, mb1 3.6/6, mb1mx3.3/2.5, mbtmp3.9/6, Error ellipse: s-maj=54.1km

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

OSPL 08 09:35:38.7-0.8, 19:45N:67:70W, h13km, 6km, ML3.4, RSPR 08 09:35:40.5, 19:47N:67:69W, h65km, 7km, MD3.4/13

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PUNTA CANA, DR, PUNTA CANA, DR, AGUADILLA, PR, etc.

IDC 08 10:15:04.8-3.0, 8:22S:150:88E, h0km, mb3.1/1, mb1 3.5/3, mb1mx3.3/5.4, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=79.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PORT MORESBY, WARRAMUNGA ARR, ALICE SPRINGS, etc.

INET 08 11:23:39.2, 10:23N:86:46W, h17km, ML2.3, UCR 08 11:23:41.4-1.4, 10:43N:86:29W, h17km, 7km, MD3.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NY14, NY14, GUAI, GUAI, etc.

IDC 08 09:51:06.2-2.1, 18:16S:174:87W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/3.5, mbtmp3.8/4, MS3.6/2, Ms1 3.6/2, ms1mx2.8/3.9, Error ellipse: s-maj=65.6km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFILAMALU, UREWERA, WARRAMUNGA ARR, etc.

IDC 08 10:20:24.7-1.1, 46:13N:93:43E, h0km, mb3.6/9, mb1 3.5/15, mb1mx3.4/6.0, mbtmp3.5/15, ML2.9/6, MS3.2/2, Ms1 3.1/2, ms1mx2.6/4.1, Error ellipse: s-maj=30.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLNR, SLNR, CHAGAN-UZUN, etc.

IDC 08 11:31:50.4-1.2, 5:82N:90:69E, h0km, mb3.6/6, mb1 3.9/9, mb1mx3.6/7.7, mbtmp3.8/9, ML4.0/3, MS3.6/1, Ms1 3.6/1, ms1mx2.7/4.9, Error ellipse: s-maj=39.0km

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

PRE 08 12:41:53.71.4.26.40AS:28.37E, h2km, ML1.7
EAF 08 12:41:36.8:1.0.24.64S:27.62E, h0km,24km, MD3.4

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LBTB Lobatse, MSNA Messina, MATP Matopo, etc.

IDC 08 12:49:52.5:1.9.10.80N:126.43E, h0km, mb3.9/5,
mb1.4/0.5, mb1mx3.6/4.5, mbtmp3.9/5, Error ellipse:
s-maj=197.6km s-min=25.8km az=69.0

ISC 08 12:49:54.4:1.2.10.8N:0.2:126.3E:0.1, h10km, n6,
@109/8, Philippine Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 08 12:50:37.0:3.4.17.06S:177.94W, h0km, mb3.8/4,
mb1.4/2.4, mb1mx3.7/3.9, mbtmp3.8/4, Error ellipse:
s-maj=185.2km s-min=29.6km az=148.0, Fiji Islands
region

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

NEIC 08 12:53:19.8, 36.40N:121.93W, h4km, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm, Mrr:22,
Mtt:1.60, Mss:1.36, Mtr:0.29, Mtr:0.76, Mtr:0.38, Fault
plane solution: M1:75000-1014, N1:130, S1:337,000,
S1:72,7000, P1:85,000, N2:327,58000, S2:74,30000,
S2:171,97000. Principal axes: T:1.6938, P1:17.0000,
P2:285.0000, N:0.1055, P2:72.0000, Azm85.0000; P
-1.7992, P1:6.0000, Azm193.0000.

NEIC 08 12:53:19.4:1.6.36.37N:0.04:121.98W:0.04, h9km, 6km
Error ellipse: s-maj=5.9km s-min=3.6km az=218.0
NCEDC 08 12:53:20.2:1.6.36.37N:0.04:121.92W:0.04, h9km, 6km,
Mwr3.4/5, Error ellipse: s-maj=6.1km s-min=3.5km
az=220.0

ANF 08 12:53:20.2:0.7.36.28N:121.97W, h10km, ML3.4/16,
Error ellipse: s-maj=9.0km s-min=4.4km az=45.0

ISC 08 12:53:18.6:1.2.36.34N:0.02:122.03W:0.03, h7km, 9km,
n241, @083/257, Central California

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BPOM Post Ranch, HMOM Monterey, ANZ Anderson Peak, etc.

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PSAM San Ardo, PHRM Hernandez Vall, SLD San Luis Dam, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CWC Cottonwood Cre, OSI Osito Audit: C, ORV Oroville, etc.

IDC 08 12:56:18.5:1.2.12.45N:143.47E, h0km, mb3.7/5,
mb1.3/0.5, mb1mx3.5/3.3, mbtmp3.7/5, Error ellipse:
s-maj=62.4km s-min=21.6km az=119.0

NEIC 08 12:56:20.3:0.0.6.12.05N:0.07:144.14E:0.08, h10km, 2km,
mb4.3/5, Error ellipse: s-maj=14.6km s-min=9.4km
az=229.0

ISC 08 12:56:22.3:0.8.12.13N:0.07:144.2E:0.1, h26km, n18,
@1505/17, mb4.0/8, South of Mariana Islands

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

UCR 08 12:59:46.9:1.0.13.27N:89.76W, h32km, 3km, ML3.6
SNET 08 12:59:46.8:0.9.13.27N:89.76W, h32km, 3km, ML3.6
INET 08 12:59:47.7, 13.41N:89.67W, h15km, ML3.5
CGG 08 12:59:49.0:0.5.13.47N:89.85W, h17km, 26km, MD3.8
ISC 08 12:59:47.0:1.6.13.27N:0.07:89.74W:0.04, h27km, 13km,
n43, @547/63, 7D, El Salvador

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEVE Cerro Verde, CEVE Cerro Verde, CEVE Cerro Verde, etc.

8s 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Barje, Sgolgore (BA), Matera, Griva, etc.

THE 08 14:03:06.9, 38.18N, 20.28E, h8km, 1km, ML2.7/3, Error ellipse: s-maj=1.0km s-min=0.4km az=77.0

ATH 08 14:03:06.6, 38.19N, 20.27E, h9km, 2km, ML2.8/5, Error ellipse: s-maj=2.6km s-min=1.4km az=75.0

ISC 08 14:03:06.1, 1.9, 38.17N, 20.04, 20.24E, 0.09, h11km, 5km, n34, c0529/54, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kipouria, Keph, Chaviarta, etc.

TIR 08 14:04:22.6, 0.3, 41.51N, 19.56E, h15km, ML2.9/11, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0

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

2015 MAR

Table with columns: PDG, Podgorica, 0.97 351, Pn, 14 04 42.2 +0.5. Includes stations like Podgorica, Ohrid, etc.

IDC 08 14:07:33.6, 1.0, 20.21N, 120.47E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.5/5.7, mbtmp3.5/7, ML3.1/1, Error ellipse: s-maj=49.8km s-min=19.3km az=77.0

ISC 08 14:07:37.1, 1.0, 20.22N, 112.04E, 0.3, h28km, n7, c0927/7, mb3.4/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Korea Array, Sonm, etc.

TAP 08 14:07:58.1, 23.22N, 121.07E, h7km, ML1.1, 1C-1D, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lidau, Fulb, Yuli, etc.

IDC 08 14:19:47.6, 1.3, 41.23N, 19.34E, h0km, mb3.7/8, mb1 3.8/12, mb1mx3.6/36, mbtmp3.7/12, ML3.3/4, MS3.0/2, Ms1 3.0/2, ms1mx2.4/43, Error ellipse: s-maj=20.6km s-min=14.0km az=21.0

TIR 08 14:19:52.1, 41.52N, 19.48E, h12km, Md2.8/8, NEIC 08 14:19:52.7, 2.6, 41.56N, 19.47E, 0.05, h10km, 1km, Error ellipse: s-maj=7.1km s-min=5.1km az=209.0

BDG 08 14:19:52.0, 41.54N, 19.37E, h4km, 2km, ML3.3/16, PEO 08 14:19:53.0, 41.54N, 19.56E, h12km, MD3.4/6, ML3.4/12, Error ellipse: s-maj=0.5km s-min=0.9km az=0.0

SKO 08 14:19:53.9, 41.46N, 19.54E, h4km, 1km, ML3.5/2, Error ellipse: s-maj=1.9km s-min=0.9km az=116.0

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

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Table with columns: PDG, Podgorica, 0.97 351, Pn, 14 04 42.2 +0.5. Includes stations like Tirane, Peshkopia, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBKA Obir, MLR Muntele Rosu, PSZ Piszkesteto, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BCI Podgorica, OHR Ohrid, SKO Skopje, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDG Podgorica, BCI Bajram Curri, VLO Vlorë, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIR 08 14:24:17.2, PDG 08 14:24:17.0, SKO 08 14:24:18.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIR 16:00:04, TIR 16:00:45, TIR 16:00:50, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIR 16:00:55, TIR 16:01:00, TIR 16:01:05, etc.

8d 15h

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

2014 MAR

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like CLL Colim, CLL Colim, CLL Colim, etc.

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Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like ZAAO Zalesovo Beam, ZAAO Zalesovo Beam, ZAAO Zalesovo Beam, etc.

IDC 08 15:08:23.9,2.8,41.52:N;19:59E,h0km,mb3.7/3, mb1.3/9.4,mb1mx3.3/43,mbtm3.8/4, Error ellipse: s-maj=71.8km s-min=30.0km az=138.0

SKO 08 15:08:26.7,41.56:N;19:40E,h0km TIR 08 15:08:26.7,41.56:N;19:54E,h70km,Md2.6/4

IDA 08 15:08:25.4,41.54:N;0.06:19.41E:0.09,h9km;10km, n13,-iS07/21,Albania

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like TIR Tirane, PUK Puka, PSH Peshkopia, etc.

IDC 08 15:12:28.0,0.6,41.39:N;19:39E,h0km,mb4.0/20, mb1.4/1.3,mb1mx4.0/54,mbtm4.0/33,ML3.7/12, MS3.5/22,Ms1.3/5.22,ms1mx3.3/5.5, Error ellipse: s-maj=11.5km s-min=9.2km az=14.0

MOS 08 15:12:31.4,41.48:N;19:42E,h11km,mb4.9/10, Error ellipse: s-maj=6.2km s-min=4.5km az=84.8

TIR 08 15:12:31.6,41.51:N;19:50E,h19km,Md4.2/6 MED_RC 08 15:12:32.0,0.4,41.48:N;19:43E,h27km,1km,MW4.3/13, Moment Tensor Solution.Mantle waves: s13,c18; Duration: 1s0 Moment Tensor.Scale 10^19Nm; Mr0.87; Mw-0.14; Mw0.73; Mw0.61; Mw0.38; Mw-1.27; Mw-3.0; Ms1.07; Ms-1.87; Ms-3.0; Best double couple: 3.340000; 1.78.20000; NP1:15.00000; 3.31.00000; 1.135.00000; NP2:145.00000; 869.00000; .167.00000; Principal axes: T 2.9400,Plg60.0000, Azm23.0000; N 1.0000,Plg21.0000, Azm154.0000; P -3.9300,Plg21.0000, Azm252.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=30s.

SKO 08 15:12:32.0,0.4,41.48:N;19:43E,h0km NEIC 08 15:12:32.5,41.47:N;19:45E,h30km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr0.87; Mw-0.14; Mw0.73; Mw0.61; Mw0.38; Mw-1.27; Mw-3.0; Ms1.07; Ms-1.87; Ms-3.0; Best double couple: 3.340000; 1.78.20000; NP1:15.00000; 3.31.00000; 1.135.00000; NP2:145.00000; 869.00000; .167.00000; Principal axes: T 2.9400,Plg60.0000, Azm23.0000; N 1.0000,Plg21.0000, Azm154.0000; P -3.9300,Plg21.0000, Azm252.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=30s.

LDG 08 15:12:32.4,0.1,41.50:N;19:54E,h10km,Ml3.9/29 Error ellipse: s-maj=3.1km s-min=2.0km az=28.0

THE 08 15:12:33.5,41.55:N;19:56E,h2km,ML4.0/5, Error ellipse: s-maj=1.1km s-min=0.7km az=300.0

BEO 08 15:12:33.5,0.4,41.48:N;19:51E,h14km,2km,ML4.0/19 NEIC 08 15:12:33.6,2.2,41.45:N;0.06:19.50E:0.05,h27km;5km, Error ellipse: s-maj=8.1km s-min=5.7km az=169.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

PRU 08 15:12:34.0,0.41,148N-19:53E,h9km,M4.5
ISC 08 15:12:31.8,0.4,115N-02:19.45E,0.02,h20km,3km,
n326,e242/385,mb4.3/25,MS3.6/12,23C-18D,Albania
PDG 08 15:12:32.1,0.6,41.47N-19.44E,h16km,1km,MD4.0/13,
ML4.1/12,Error ellipse: s-maj=0.4km s-min=0.7km
az=0.0,Albania

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Lists stations like Tirane, Peshkopia, Podgorica, Vlora, Ohrid, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Lists stations like L'Aquila, PVL Pavlikeni, ITM Ithomi, NRCA Norcia, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Lists stations like DAVA Danuels, DAVA Sospel, FRF La Foret Royal, etc.

TPE	Tepelema	1.27 163	P	Pb	17 33 14.9	+1.1	Sb	17 33 33.0	+3.3
TPE	Tepelema	1.27 163	iPN	Pb	17 33 19.4	+5.6	Pb	17 33 39.1	+9.5
TREB	Trebinje	1.48 325	ePN	Pb	17 33 16.4	+0.4	Pb	17 33 18.7	+0.8
SKO	Skopje	1.52 72	iPg	Pb	17 33 39.8	+3.1	Pb	17 33 20.3	+2.0
SKO	Skopje	1.52 72	iPg	Pb	17 33 39.8	+3.1	Pb	17 33 38.9	+1.6
DBRK	Dubrovnik	1.54 319	iPN	Pb	17 33 38.9	+1.6	Pb	17 33 38.9	+1.6
DBRK	Dubrovnik	1.54 319	iPN	Pb	17 33 38.9	+1.6	Pb	17 33 38.9	+1.6
BRY	Bratogost	1.56 333	ePN	Pb	17 33 19.2	+0.0	Pb	17 33 19.2	+0.0
FNA	Florina	1.58 117	P	Pb	17 33 19.1	0.0	Pb	17 33 19.1	0.0
FNA	Florina	1.58 117	P	Pb	17 33 19.1	0.0	Pb	17 33 19.1	0.0
NEST	Nestorio	1.60 133	S	Pb	17 33 24.6	+0.1	Pb	17 33 24.6	+0.1
SCTE	Santa Cesarea	1.64 209	Pn	Pb	17 33 23.3	+0.8	Pb	17 33 23.3	+0.8
CGLI	Cegle Messapi	1.76 242	ePN	Pb	17 33 23.3	+0.8	Pb	17 33 23.3	+0.8
SJES	Sjenica	1.78 11	ePN	Pb	17 33 23.3	+0.8	Pb	17 33 23.3	+0.8
SJES	Sjenica	1.78 11	ePN	Pb	17 33 23.3	+0.8	Pb	17 33 23.3	+0.8
PERF	Pentalofos	1.80 136	P	Pb	17 33 22.4	+0.5	Pb	17 33 22.4	+0.5
KEK	Kerkira	1.81 173	S	Pb	17 33 22.4	+0.5	Pb	17 33 22.4	+0.5
KEK	Kerkira	1.81 173	S	Pb	17 33 22.4	+0.5	Pb	17 33 22.4	+0.5
STON	Ston	1.91 316	ePN	Pb	17 33 24.6	+0.1	Pb	17 33 24.6	+0.1
STON	Ston	1.91 316	ePN	Pb	17 33 24.6	+0.1	Pb	17 33 24.6	+0.1
STON	Ston	1.91 316	ePN	Pb	17 33 24.6	+0.1	Pb	17 33 24.6	+0.1
TAR1	Taranto	1.95 240	ePN	Pb	17 33 27.7	+0.7	Pb	17 33 27.7	+0.7
STIP	Stip	2.01 84	iPN	Pb	17 33 27.7	+0.7	Pb	17 33 27.7	+0.7
STIP	Stip	2.01 84	iPN	Pb	17 33 27.7	+0.7	Pb	17 33 27.7	+0.7
BAI	Bari	2.02 259	ePN	Pb	17 33 23.3	+0.1	Pb	17 33 23.3	+0.1
SELS	Selova	2.08 34	ePN	Pb	17 33 25.7	+1.4	Pb	17 33 25.7	+1.4
KZN	Kozani	2.09 124	P	Pb	17 33 26.3	+1.5	Pb	17 33 26.3	+1.5
KPRO	Kopoukio	2.10 137	P	Pb	17 33 26.3	+1.5	Pb	17 33 26.3	+1.5
RUDO	Rudo	2.11 357	P	Pb	17 33 26.3	+1.5	Pb	17 33 26.3	+1.5
JAN	Janina	2.12 151	S	Pb	17 33 26.3	+1.5	Pb	17 33 26.3	+1.5
JAN	Janina	2.12 151	S	Pb	17 33 26.3	+1.5	Pb	17 33 26.3	+1.5
IVAS	Ivanjica	2.12 13	ePN	Pn	17 33 26.0	+1.2	Pn	17 33 26.0	+1.2
IVAS	Ivanjica	2.12 13	ePN	Pn	17 33 26.0	+1.2	Pn	17 33 26.0	+1.2
BARS	Barje	2.15 52	ePN	Pb	17 33 26.9	+1.7	Pb	17 33 26.9	+1.7
BARS	Barje	2.15 52	ePN	Pb	17 33 26.9	+1.7	Pb	17 33 26.9	+1.7
SG1	Sgolvgra (BA)	2.24 254	ePN	Pb	17 33 26.1	+0.4	Pb	17 33 26.1	+0.4
GRG	Griva	2.25 103	P	Pb	17 33 28.3	+1.7	Pb	17 33 28.3	+1.7
KTI	Kastanea	2.27 119	P	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
MATER	Materija	2.28 249	iP	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
VAY	Valandovo	2.31 94	ePN	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
VAY	Valandovo	2.31 94	ePN	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
VAY	Valandovo	2.31 94	ePN	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
VAY	Valandovo	2.31 94	ePN	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
VAY	Valandovo	2.31 94	ePN	Pb	17 33 28.8	+1.9	Pb	17 33 28.8	+1.9
BBLs	Lazi#263;i	2.35 358	ePN	Pb	17 33 30.7	+1.6	Pb	17 33 30.7	+1.6
BBLs	Lazi#263;i	2.35 358	ePN	Pb	17 33 30.7	+1.6	Pb	17 33 30.7	+1.6
BOSB	Bosilegrad	2.35 358	ePN	Pb	17 33 30.7	+1.6	Pb	17 33 30.7	+1.6
GRUS	Gruga	2.54 20	ePN	Pb	17 33 32.6	+1.1	Pb	17 33 32.6	+1.1
KNT	Kendrikon	2.57 97	P	Pb	17 33 32.5	+1.5	Pb	17 33 32.5	+1.5
HAPS	Han Pijesak, BI	2.61 351	ePN	Pb	17 33 32.7	+1.1	Pb	17 33 32.7	+1.1
HAPS	Han Pijesak, BI	2.61 351	ePN	Pb	17 33 32.7	+1.1	Pb	17 33 32.7	+1.1
DIVB	Divibare	2.61 8	ePN	Pb	17 33 32.8	+1.2	Pb	17 33 32.8	+1.2
DIVB	Divibare	2.61 8	ePN	Pb	17 33 32.8	+1.2	Pb	17 33 32.8	+1.2
RICI	Ricice	2.65 319	ePN	Pb	17 33 33.3	+1.3	Pb	17 33 33.3	+1.3
LIT	Litokhoron	2.66 121	P	Pb	17 33 33.3	+1.0	Pb	17 33 33.3	+1.0
BOVS	Bovan	2.67 37	ePN	Pb	17 33 33.7	+1.4	Pb	17 33 33.7	+1.4
THL	Nikotinos Trika	2.72 135	P	Pb	17 33 35.1	+2.0	Pb	17 33 35.1	+2.0
TRUS	Trudelj	2.73 12	ePN	Pb	17 33 35.1	+2.0	Pb	17 33 35.1	+2.0
ACER	Acerenza	2.73 245	ePN	Pb	17 33 34.5	+0.5	Pb	17 33 34.5	+0.5
HVAR	Hvar	2.81 307	ePN	Pb	17 33 32.9	+1.4	Pb	17 33 32.9	+1.4
SGRT	San Giovanni R	2.83 276	P	Pb	17 33 34.5	+0.2	Pb	17 33 34.5	+0.2
ZAPS	Zavoj	2.91 52	ePN	Pb	17 33 38.2	+2.6	Pb	17 33 38.2	+2.6
ZAPS	Zavoj	2.91 52	ePN	Pb	17 33 38.2	+2.6	Pb	17 33 38.2	+2.6
VTS	Vitoshia	2.98 67	iP	Pb	17 33 38.7	+1.9	Pb	17 33 38.7	+1.9
VTS	Vitoshia	2.98 67	iP	Pb	17 33 38.7	+1.9	Pb	17 33 38.7	+1.9
VTS	Vitoshia	2.98 67	iP	Pb	17 33 38.7	+1.9	Pb	17 33 38.7	+1.9
VTS	Vitoshia	2.98 67	iP	Pb	17 33 38.7	+1.9	Pb	17 33 38.7	+1.9
TEKS	Tekeris	3.04 0	ePN	Pb	17 33 38.3	+1.5	Pb	17 33 38.3	+1.5
TEKS	Tekeris	3.04 0	ePN	Pb	17 33 38.3	+1.5	Pb	17 33 38.3	+1.5
ZAJE	Zajecar	3.05 8	ePN	Pb	17 33 39.0	+1.4	Pb	17 33 39.0	+1.4
SRS	Serral	3.10 96	P	Pb	17 33 39.9	+1.7	Pb	17 33 39.9	+1.7
EVY	Evyrtania	3.13 145	P	Pb	17 33 41.2	+2.4	Pb	17 33 41.2	+2.4
TIP	Timpagrade	3.14 223	iP	Pb	17 33 38.5	+0.3	Pb	17 33 38.5	+0.3
TIP	Timpagrade	3.14 223	iP	Pb	17 33 38.5	+0.3	Pb	17 33 38.5	+0.3
NVR	Nevrokovi	3.27 91	P	Pb	17 33 42.4	+1.7	Pb	17 33 42.4	+1.7
AGG	Agios Georgios	3.29 18	P	Pb	17 33 42.5	+1.8	Pb	17 33 42.5	+1.8
KUBS	Kucevo	3.31 28	ePN	Pb	17 33 41.5	+0.4	Pb	17 33 41.5	+0.4
KJUV	Kijevo	3.38 318	ePN	Pb	17 33 43.0	+0.8	Pb	17 33 43.0	+0.8
KJUV	Kijevo	3.38 318	ePN	Pb	17 33 43.0	+0.8	Pb	17 33 43.0	+0.8
MGRS	Mrkonjic Grad	3.41 329	ePN	Pb	17 33 45.1	+2.6	Pb	17 33 45.1	+2.6
ZIRJ	Zirje	3.57 308	ePN	Pb	17 33 45.3	+0.9	Pb	17 33 45.3	+0.9
MDVR	Moldovita	3.62 16	iP	Pb	17 33 39.2	+6.6	Pb	17 33 39.2	+6.6
FRGS	Fruska Gora	3.65 3	iP	Pb	17 33 47.6	+1.7	Pb	17 33 47.6	+1.7
BLY	Banja Luka	3.66 333	iP	Pb	17 33 48.0	+2.1	Pb	17 33 48.0	+2.1
BLY	Banja Luka	3.66 333	iP	Pb	17 33 48.0	+2.1	Pb	17 33 48.0	+2.1
BLY	Banja Luka	3.66 333	iP	Pb	17 33 48.0	+2.1	Pb	17 33 48.0	+2.1
MORI	Moric	3.73 282	ePN	Pb	17 33 48.3	+1.0	Pb	17 33 48.3	+1.0
PAOL	Paolisi	3.78 264	P	Pb	17 33 51.8	+1.5	Pb	17 33 51.8	+1.5
HERR	Herculane	3.98 31	iP	Pb	17 33 52.2	+0.1	Pb	17 33 52.2	+0.1
DUGI	Dugi Otok	4.11 309	ePN	Pb	17 33 54.8	+2.1	Pb	17 33 54.8	+2.1
SRE	Strehaia	4.15 39	iP	Pb	17 33 56.3	+2.7	Pb	17 33 56.3	+2.7
INVB	Pleven	4.22 62	iP	Pb	17 33 56.8	+1.0	Pb	17 33 56.8	+1.0
INTR	Introdacqua	4.38 20	iP	Pb	17 33 59.7	+1.5	Pb	17 33 59.7	+1.5
BZS	Buzias	4.55 30	iP	Pb	17 33 56.6	+1.8	Pb	17 33 56.6	+1.8
GZR	Gura Zlata	4.56 335	iP	Pb	17 33 59.5	+1.2	Pb	17 33 59.5	+1.2
MOSL	Moslavina	4.57 313	ePN	Pb	17 33 58.0	+0.8	Pb	17 33 58.0	+0.8
NVLJ	Novajia	4.63 282	ePN	Pb	17 33 60.0	+0.6	Pb	17 33 60.0	+0.6
AQU	L'Aquila	4.63 282	ePN	Pb	17 34 01.0	+0.5	Pb	17 34 01.0	+0.5
AQU	L'Aquila	4.63 282	ePN	Pb	17 34 01.0	+0.5	Pb	17 34 01.0	+0.5
ITM	Ithomi	4.71 156	Pn	Pb	17 34 05.8	+2.4	Pb	17 34 05.8	+2.4
ELND	Elena	4.93 71	iP	Pb	17 34 04.1	+0.6	Pb	17 34 04.1	+0.6
NRCA	Narcia	4.93 288	P	Pb	17 34 06.2	+0.7	Pb	17 34 06.2	+0.7
ALN	Alexandroupoli	4.97 95	Pn	Pb	17 34 06.5	+1.8	Pb	17 34 06.5	+1.8
SIRI	Siria	5.00 17	iP	Pb	17 34 06.5	+2.0	Pb	17 34 06.5	+2.0
LOT	Lotru	5.01 37	iP	Pb	17 34 07.1	+2.5	Pb	17 34 07.1	+2.5
HUMR	Humele	5.02 51	iP	Pb	17 34 07.1	+2.5	Pb	17 34 07.1	+2.5
OZLJ	Ouzalj	5.04 326	ePN	Pb	17 34 07.7	+2.7	Pb	17 34 07.7	+2.7
PTJ	Puntjarka	5.09 331	ePN	Pb	17 34 09.4	+3.8	Pb	17 34 09.4	+3.8
CRES	Cresnevij	5.22 327	ePN	Pb	17 34 07.4	+0.4	Pb	17 34 07.4	+0.4
BRUN	Brijuni	5.41 11	ePN	Pb	17 34 11.4	+0.7	Pb	17 34 11.4	+0.7
MURB	Monte Urbino	5.46 291	P	Pb	17 34 14.7	+2.6	Pb	17 34 14.7	+2.6
RAZG	Razgrad	5.56 66	iP	Pb	17 34 15.4	+2.5	Pb	17 34 15.4	+2.5
CEY	Cernikna	5.61 321	ePN	Pb	17 34 16.0	+1.4	Pb	17 34 16.0	+1.4
VOIR	Voir	5.62 44	iP	Pb	17 34 17.0	+1.4	Pb	17 34 17.0	+1.4
DRGR	Drigr	5.92 32	iP	Pb	17 34 17.0	+1.4	Pb	17 34 17.0	+1.4
TRI	Trieste	5.92 32	iP	Pb	17 34 17.0	+1.4	Pb	17 34 17.0	+1.4
CORL	Corleone	6.00 235	Pn	Pb	17 34 18.0	+1.1	Pb	17 34 18.0	+1.1
SOKA	Soboth	6.09 330	ePN	Pb	17 34 20.7	+1.4	Pb	17 34 20.7	+1.4
SOKA	Soboth	6.09 330	ePN	Pb	17 34 20.7	+1.4	Pb	17 34 20.7	+1.4
MLR	Muntele Ros	6.14 47	Pn	Pb	17 34 23.5	+3.3	Pb	17 34 23.5	+3.3
MLR	Muntele Ros	6.14 47	Pn	Pb	17 34 23.5	+3.3	Pb	17 34 23.5	+3.3
MLR	Muntele Ros	6.14 47	Pn	Pb	17 34 23.5	+3.3	Pb	17 34 23.5	+3.3
OBKA	Ohr	6.14 326	ePN	Pb	17 34 22.0	+1.9	Pb	17 34 22.0	+1.9
CLTB	Catlaberga	6.25 233	Pn	Pb	17 34 22.4	+0.8	Pb	17 34 22.4	+0.8
ARSA	Arzabellota	6.41 335	ePN	Pb	17 34 24.8	+0.8	Pb	17 34 24.8	+0.8
PSZ	Piszkesterc	6.41 2	Pn	Pb	17 34 25.5	+0.7	Pb	17 34 25.5	+0.7
OSSC	Osservatorio P	6.43 291	Pn	Pb	17 34 25.8	+0.1	Pb	17 34 25.8	+0.1
CASP	Castiglione de	6.55 284	Pn	Pb	17 34 27.3	+3.3	Pb	17 34 27.3	

8d 17h

BRTR Keskin Array B 78.91 311 P P 17 49 56.9 -0.5
GERES GERES Array B 83.71 327 P P 17 50 21.9 -0.5

KRNET 08 17:41:49.2 0.1, 42.11N:73.42E, h16km, mb3.1
NNC 08 17:41:49.5 0.5, 42.15N:73.42E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=4.6km s-min=2.1km az=174.0

SOME 08 17:41:49.5, 42.20N:73.40E, h5km
KNET 08 17:41:51.0 0.3, 42.16N:73.54E, h12km, 1km, ml2.4, Error
ellipse: s-maj=1.8km s-min=1.2km az=62.0

ISC 08 17:41:49.3 1.0, 42.15N:0.02:73.39E, 0.02, h7km, g9km,
n71, r1932/119, 57C-11D, Kyrgyzstan

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

2014 MAR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the month of March 2014.

ISK 08 17:43:59.9, 39.92N:39.17E, h9km, ML2.9/14
DDA 08 17:43:59.6, 39.88N:39.17E, h8km, 4km, ML2.8, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the DDA event.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the KOPD event.

ISK 08 17:44:08.2, 39.09N:42.19E, h8km, ML3.0/17, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the ISK 08 17:44:08.2 event.

ISC 08 17:46:54.0 0.9, 49.82N:0.04:18.53E, 0.02, h0km, n18,
o085/31, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the ISC 08 17:46:54.0 event.

NCEDC 08 17:46:57.1 0.0, 39.409N:0.008:123.36W, 0.02, h4km, 7km,
Md2.3/10, Error ellipse: s-maj=2.0km s-min=0.5km
az=57.0

NEIC 08 17:46:57.0 0.9, 39.408N:0.005:123.37W, 0.02,
h16km, g6km, Error ellipse: s-maj=2.1km s-min=0.3km
az=68.0, Near coast of northern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the NEIC event.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KBMS Bell Springs, GASB Alder Springs, GUBM Gualala, etc.

IDC 08 17:49:13.8-7.2,31.00N,142.79E,h0km,mb3.4/3, mb1 3.5/4,mb1mx3.2/38,mbtm3.3/4,ML2.3/1,Error ellipse: s-maj=267.4km s-min=25.8km az=69.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MKAR Matukani Arr, WRA Warramunga Arr, ASAR Alice Springs.

IDC 08 17:52:03.1-2.3,40.59S,175.83E,h0km,mb4.2/2, mb1 4.2/4,mb1mx3.9/33,mbtm3.9/4,ML1.2,MS3.0/1, Ms1 3.0/1,ms1mx2.7/19,Error ellipse: s-maj=60.3km s-min=23.4km az=135.0.

NEIC 08 17:52:07.1-1.6,40.73S,0.05:175.97E,0.09,h37km,10km, Error ellipse: s-maj=10.7km s-min=6.5km az=113.0. WEL 08 17:52:07.9,40.65S,0.6:17.6E,1.29km,1ML,4.4/12, MLV4.0/115,Error ellipse: s-maj=0.0km s-min=0.0km az=9.5.

ISC 08 17:52:07.1-0.9,40.71S,0.02:175.91E,0.03,h34km,2km, n166,1804/171,mb4.2/6,North Island

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TIWZ Tintock, PRWZ Pori Road, MRZ Mangatoinaka R, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HIHZ Hauiti, PRGZ Paritu Road, HRZ Hossack Road, etc.

BUI 08 18:29:05.6-0.0,61.15S,19.78W,h2km,mb5.6/14, Ms5.4/6,Ms7.5/18

IDC 08 18:29:06.8-0.5,60.68S,19.40W,h0km,mb4.8/12, mb1 4.8/12,mb1mx4.6/23,mbtm4.7/12,MS4.9/19, Ms1 4.9/19,ms1mx4.8/20,Error ellipse: s-maj=20.2km s-min=15.6km az=58.0.

NEIC 08 18:29:08.0-2.0,60.65S,0.09:19.1W,0.2,h9km,3km, mb5.4/22,Error ellipse: s-maj=15.2km s-min=11.6km az=22.0.

MOS 08 18:29:09.1-1.3,60.77S,19.41W,h22km,mb5.8/4, Ms5.0/4,Error ellipse: s-maj=22.6km s-min=11.4km az=107.6.

GCMT 08 18:29:12.0-0.1,61.05S,0.01:19.40W,0.01,h13km, MW5.4/144, Moment Tensor Solution, s117,c179; s144,c250; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mo-0.26t,0.2; Mxx-0.55t,0.2; Mxy-0.81t,0.2; Mxz-0.36t,0.5; Myx-1.50t,0.2; Myz-1.6t,0.4; Best double couple: M1.70400x10^17 NP1.9e169.00000; 877.00000, lambda-170.00000. NP2.77x10^17, 880.00000, lambda-13.00000. Principal axes: T 1.7800, P1g2.0000, Azm123.0000; N -0.1520, P1g74.0000, Azm219.0000; P -1.6280, P1g16.0000, Azm33.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 08 18:29:08.3-0.2,60.80S,0.06:19.28W,0.06,h10km,n269, c1831/268,mb5.3/41,MS5.0/29,2C-3D,East of South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Code Station Name, Az, Phase, ID, Time, Res. Includes stations like NEUMAYER-STAT, NEUMAYER OLYMP, etc.

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

DLV	comp=Z,215nm,0.7s	21.08 304	P	P	19 01 39.4 -0.2
WBO	Warramunga Arr	21.47 159	I	I	19 01 42.6 -1.1
WB8	comp=Z,59nm,0.8s	21.51 159	P	P	19 01 44.3 +0.3
WRAB	Tennant Creek	21.61 159	P	P	19 01 45.4 +0.3
WRAB	comp=Z,46nm,0.7s	21.61 159	I	I	19 01 43.1 -2.0
WRA	comp=Z,64nm,0.8s	21.61 159	P	P	19 01 45.1 0.0
WRA	comp=Z,56nm,0.8s	21.61 159	I	I	19 01 45.2 0.0
WRA	comp=Z,58nm,0.8s	21.61 159	P	P	19 01 43.7 -1.5
WB2	Warramunga Arr	21.62 159	I	I	19 01 44.4 -0.8
WB2	comp=Z,46nm,0.8s	21.62 159	I	I	19 01 57.6
WC3	comp=Z,77nm,0.8s	21.64 159	P	P	19 01 45.7 +0.2
COEN	Coen	21.95 131	P	P	19 01 49.2 +0.4
COEN	Coen	21.95 131	P	P	19 01 48.9 +0.0
MYKOM	Kota Tinggi	22.42 274	P	P	19 01 56.9 +1.3
MYKOM	Kota Tinggi	22.42 274	P	P	19 01 57.0 +3.1
KASI	Kota Agung	22.45 255	P	P	19 01 56.4 +2.2
MDSI	Maura Dua	22.53 258	P	P	19 01 53.4 -1.7
PSA00	Pilbara Seismi	22.60 196	I	I	19 01 54.2 -1.5
PSA00	comp=Z,135nm,1.9s	22.60 196	I	I	19 01 53.9 -1.8
PSA00	comp=Z,8.3nm,0.7s	22.60 196	I	I	19 02 09.1
GUMO	Guam	22.71 54	LR	LR	19 09 58.5
LWLI	Liwa	22.76 256	P	P	19 01 59.2 +1.6
PMG	Port Moresby	22.95 115	P	P	19 02 01.5 +2.0
PMG	comp=Z,13nm,0.8s	22.95 115	LR	LR	19 13 03.5
PMG	Port Moresby	22.95 115	P	P	19 02 00.8 +1.3
PMG	comp=Z,35nm,1.0s	22.95 115	P	P	19 02 00.8 +1.3
TWG	Pinang	22.96 348	P	P	19 01 56.4 -3.1
YULB	Fu-li	23.46 349	I	I	19 03 02.1 -1.4
YULB	comp=Z,75nm,1.6s	23.46 349	I	I	19 02 03.3 -1.8
TPUB	Ta-pu	23.52 347	P	P	19 02 08.8
TPUB	comp=Z,38nm,0.6s	23.52 347	I	I	19 02 04.9 -2.2
MNAI	Manna	23.70 259	P	P	19 02 40.4
MNAI	comp=Z,142nm,1.1s	23.70 259	I	I	19 02 07.5 -1.5
SSLB	Suansjung	23.92 348	P	P	19 02 10.1 +0.7
SSLB	Kapaliang	23.94 260	P	P	19 02 09.5 -1.8
NACB	Ninganchiao	24.17 350	P	P	19 02 15.3 +0.9
QIS	Mount Isa	24.10 148	P	P	19 02 15.0 -0.4
QIS	comp=Z,25nm,0.8s	24.10 148	S	S	19 06 37.7 +1.2
QIZ	Qiongzong	24.61 320	P	P	19 02 15.0 -0.4
QIZ	comp=Z,220nm,15.5s	24.61 320	LR	LR	19 02 15.5 +0.1
QIZ	comp=Z,130nm,5.9s	24.61 320	I	I	19 02 34.6
QIZ	comp=Z,91nm,1.7s	24.61 320	I	I	19 02 15.7 -0.5
YHNB	Yeheng	24.69 349	P	P	19 02 19.1
YHNB	comp=Z,83nm,1.3s	24.69 349	I	I	19 02 17.3 -0.2
SDSI	Sungai Dareh	24.83 267	P	P	19 02 24.6 +6.6
SDSI	comp=Z,653nm,comp=Z,31nm,1.0s	24.83 267	P	P	19 02 18.4 -0.1
KRJI	Kerinci	24.87 264	P	P	19 02 19.1 +0.7
AS31	Alice Springs	24.95 163	P	P	19 06 45.7 +3.7
ASAR	Alice Springs	24.95 163	P	P	19 02 18.4 -0.1
ASAR	Alice Springs	24.95 163	P	P	19 02 18.4 -0.1
ASAR	Alice Springs	24.95 163	P	P	19 02 19.9 +1.0
ASAR	comp=Z,50nm,0.8s	24.95 163	S	S	19 02 21.6 +0.4
WRKA	Warakuma	25.25 176	P	P	19 02 21.6 +0.5
WRKA	Khong Chiam	25.25 176	P	P	19 02 22.2 -1.5
UBPT	Ipoh	25.35 307	P	P	19 02 25.1 +1.4
IPM	comp=Z,33nm,0.9s	25.35 307	I	I	19 02 26.8 +2.4
MTSU	Mount Surprise	25.52 137	P	P	19 02 25.6 +1.3
MTSU	comp=Z,26nm,SNR=8.3	25.52 137	P	P	19 02 25.9 -0.4
GIRL	Giralila	25.61 206	P	P	19 02 28.0 -0.3
GIRL	comp=Z,28nm,SNR=3.8	25.61 206	P	P	19 02 29.0 +0.7
GIRL	Giralila	25.61 206	P	P	19 02 32.5 +0.3
PDSI	Padang	25.79 267	P	P	19 02 31.6 -0.6
PDSI	comp=Z,22nm,0.8s	25.79 267	P	P	19 03 07.8
KULM	Kulim	26.02 281	P	P	19 02 45.9 +7.1
KULM	Kulim	26.02 281	P	P	19 02 39.1 -1.6
JOW	Kunigami	26.47 4	P	P	19 02 40.2 -0.5
JOW	comp=Z,5.3nm,0.8s	26.47 4	P	P	19 02 40.2 -0.8
JOW	comp=Z,5.3nm,0.8s	26.47 4	P	P	19 02 46.7 +2.9
JOW	comp=Z,5.3nm,0.8s	26.47 4	P	P	19 02 59.8 -1.3
JOW	comp=Z,5.3nm,0.8s	26.47 4	P	P	19 03 03.8 -0.6
SISI	Saibi	27.18 267	P	P	19 02 25.6 +1.3
RPSI	Rantau Prapat	27.40 275	P	P	19 02 25.9 -0.4
RPSI	Rantau Prapat	27.40 275	P	P	19 02 28.0 -0.8
PSI	Prapat	27.41 276	P	P	19 02 46.7 +2.9
MEEK	Mekatharra	27.75 195	P	P	19 02 59.8 -1.3
MEEK	comp=Z,6.8nm,0.4s	27.75 195	P	P	19 03 03.8 -0.6
PBKT	Sadao Pong	29.69 304	P	P	19 02 04.3 -1.4
MLSI	Meulaboh, Aceh	30.06 278	P	P	19 03 10.6 +0.1
SLVN	Son La	30.21 315	P	P	19 04 07.2
MORW	Morawa	30.77 198	I	I	19 03 12.3 +0.3
MORW	comp=Z,61nm,1.7s	30.77 198	I	I	19 03 11.3 -0.6
FORT	Forrest	30.94 177	P	P	19 03 24.3
FORT	comp=Z,31nm,SNR=13	30.94 177	I	I	19 03 27.5 +4.9
FORT	Forrest	30.94 177	P	P	19 03 23.3 +0.8
FORT	comp=Z,39nm,0.7s	30.94 177	I	I	19 03 39.1 +4.1
GYA	Guiyang	32.13 326	eP	P	19 03 22.2 -2.0
GYA	comp=Z,10.0nm,1.0s	32.13 326	eP	P	19 03 13.7 +1.3
WHN	Wuhan	32.14 341	P	S	19 09 55.7 +0.5
WHN	comp=Z,890nm,18.4s	32.14 341	S	LR	19 03 25.0 +0.6
CM31	Chiang Mai Arr	32.32 306	P	P	19 03 22.9 -1.4
CMAR	Chiang Mai Arr	32.32 306	P	P	19 03 23.4 -0.9
CMAR	comp=Z,2.9nm,0.7s	32.32 306	P	P	19 06 13.6 +1.3
CMAR	comp=Z,1.2nm,0.7s	32.32 306	P	P	19 09 55.8 -0.5
CMAR	comp=Z,0.9nm,0.9s	32.32 306	P	P	19 03 24.1 -0.2
CMAR	Chiang Mai Arr	32.32 306	P	P	19 03 22.2 -2.0
CMAR	comp=Z,3.0nm,0.7s	32.32 306	P	P	19 03 13.7 +1.3
CMAR	Chiang Mai Arr	32.32 306	P	P	19 09 55.7 +0.5
NJ2	Nanjing	32.36 348	eP	P	19 03 25.0 +0.6
NJ2	comp=Z,8.0nm,0.6s	32.36 348	eP	P	19 03 24.8 -1.1
CHTO	Chiang Mai	32.50 306	P	P	19 03 24.8 -1.1
CHTO	comp=Z,1.1nm,0.8s	32.50 306	P	P	19 03 29.3 -0.4
JNU	Nakatsue	32.96 7	I	I	19 03 35.4
JNU	comp=Z,19nm,1.0s	32.96 7	I	I	19 03 37.0 +1.8
KMI	Kunming	33.55 319	P	P	19 03 40.2 +1.0
KMI	comp=Z,19nm,1.0s	33.55 319	P	P	19 08 57.0 0.0
KMI	comp=Z,19nm,1.0s	33.55 319	P	P	19 09 08.0 +5.8

KMI	comp=Z,12nm,0.5s				pmax	pmax
KMI	comp=Z,140nm,5.0s				LR	LR
KMI	comp=Z,250nm,9.3s				LR	LR
KMI	comp=Z,200nm,8.1s				LR	LR
ENH	Enshi	33.81 333	P	P	19 03 36.4 -0.8	
ENH	comp=Z,260nm,15.1s	33.81 333	I	I	19 03 39.5	
NWAO	Narrogin (SRO)	34.10 194	P	P	19 03 40.1 +0.4	
NWAO	comp=Z,21nm,0.8s	34.10 194	P	P	19 03 40.0 +0.3	
NWAO	comp=Z,45nm,1.3s	34.10 194	P	P	19 03 44.4	
NWAO	Narrogin (SRO)	34.10 194	P	P	19 03 40.1 +0.4	
NWAO	comp=Z,36nm,1.3s	34.10 194	I	I	19 03 44.4	
NWAO	Narrogin (SRO)	34.10 194	P	P	19 03 40.1 +0.4	
NWAO	comp=Z,45nm,1.3s	34.10 194	I	I	19 03 44.4	
BBOO	Buckleboo	34.20 165	P	P	19 03 40.2 -0.3	
BBOO	comp=Z,34nm,SNR=22	34.20 165	P	P	19 03 40.1 -0.4	
RMQ	Roma	34.35 143	P	P	19 03 42.7 +0.8	
RMQ	comp=Z,34nm,SNR=5.2	34.35 143	P	P	19 03 47.1 0.0	
HNR	Honiara	34.93 107	P	P	19 03 47.1 0.0	
HNR	comp=Z,171nm,1.1s	34.93 107	pmax	pmax	19 03 47.1 0.0	
HNR	Honiara	34.93 107	P	P	19 03 47.1 0.0	
EIDS	Eidsvold	35.04 139	P	P	19 03 49.1 +1.2	
EIDS	comp=Z,35nm,SNR=3.5	35.04 139	P	P	19 03 48.6 +0.7	
JHUJ	Mitsune	35.07 20	P	P	19 03 48.6 +0.6	
PBA	Port Blair	35.11 290	P	P	19 03 47.3 -1.4	
STKA	Stephens Creek	35.15 157	P	P	19 03 49.0 +0.3	
STKA	comp=Z,35nm,SNR=21	35.15 157	P	P	19 03 49.2 +0.6	
STKA	Stephens Creek	35.15 157	P	P	19 03 47.8 -0.9	
STKA	comp=Z,3.0nm,0.9s	35.15 157	pmax	pmax	19 03 47.8 -0.9	
STKA	Hallett	35.14 162	P	P	19 03 47.8 -0.9	
HTT	Stephens Creek	35.60 167	P	P	19 03 54.8 +2.1	
TJN	Taejon	35.93 20eP	P	P	19 04 01.2 +5.9	
INU	Inuyama	36.31 15	I	I	19 03 58.2 -0.5	
INU	comp=Z,25nm,0.7s	36.31 15	I	I	19 04 05.8	
CMSA	Cobar Meteorol	36.63 152	P	P	19 04 02.4 +1.0	
CMSA	comp=Z,37nm,SNR=9.6	36.63 152	P	P	19 04 04.9 +0.4	
KSAR	Wonju Array Be	37.01 2	P	P	19 04 04.9 +0.4	
KSAR	Wonju Array Be	37.01 2	P	P	19 04 05.4 +0.8	
KSAR	Korea Array	37.02 2	P	P	19 06 26.4 +0.8	
KSAR	comp=Z,7.4nm,0.8s	37.02 2	P	P	19 06 26.4 +0.8	
KSRS	comp=Z,1.0nm,0.6s	37.02 2	P	P	19 04 03.9 -1.2	
KSRS	Wonju Array Si	37.02 2	P	P	19 04 06.7 -0.4	
KSRS	Xi'an	37.30 336	P	P	19 04 06.7 -0.4	
KSRS	Xi'an	37.30 336	P	P	19 04 10.0 -0.9	
MAJO	Matsushiro	37.75 16	I	I	19 04 09.7 -1.2	
MAJO	comp=Z,11nm,0.9s	37.75 16	P	P	19 04 09.6 -1.3	
MAJO	Matsushiro	37.75 16	P	P	19 04 09.7 -1.2	
MAJO	Matsushiro Arr	37.75 16	P	P	19 04 08.9 -2.0	
MJAR	Matsushiro Arr	37.75 16	P	P	19 04 08.9 -2.0	
MJAR	comp=Z,5.0nm,1.0s	37.75 16	pmax	pmax	19 04 08.9 -2.0	
MJAR	Matsushiro Arr	37.75 16	P	P	19 04 09.7 -1.2	
MJB9	Matsushiro Arr	37.75 16	P	P	19 04 19.6 +1.0	
DL2	Dalian	38.67 354	P	P	19 04 21.9 +0.7	
DL2	comp=Z,43nm,0.7s	38.67 354	pmax	pmax	19 04 21.9 +0.7	
ARMA	Armidale	38.94 144	P	P	19 04 21.2 0.0	
ARMA	comp=Z,39nm,SNR=11	38.94 144	P	P	19 04 34.2 -0.4	
ARMA	Armidale	38.94 144	P	P	19 04 34.2 -0.4	
BJT	Bajitauau	40.60 348	P	P	19 04 34.2 -0.4	
BJT	comp=Z,18nm,1.0s	40.60 348	pmax	pmax	19 04 35.5 +0.7	
BJT	Bajitauau	40.60 348	P	P	19 04 37.7 +1.2	
BJI	Beijing	40.62 348	S	S	19 04 41.2 +0.9	
BJI	comp=Z,17nm,0.9s	40.62 348	S	S	19 04 44.8 +2.3	
BJI	Lanzhou	41.25 332	eP	P	19 06 21.9 +1.8	
LZH	Lanzhou	41.25 332	eP	P	19 04 41.2 +0.9	
LZH	comp=Z,29nm,1.1s	41.25 332	pP	pP	19 04 44.8 +2.3	
LZH	Shilong	41.25 332	pP	pP	19 06 21.9 +1.8	
LZH	comp=Z,100nm,5.4s	41.25 332	pmax	pmax	19 06 21.9 +1.8	
LZH	comp=Z,260nm,15.2s	41.25 332	LR	LR	19 04 41.2 +0.9	
LZH	comp=Z,220nm,15.2s	41.25 332	LR	LR	19 04 44.8 +2.3	
LZH	comp=Z,310nm,17.0s	41.25 332	LR	LR	19 06 21.9 +1.8	
SNY	Shenyang	41.42 357	eP	S	19 04 41.2 +0.9	
SNY	comp=Z,22nm,0.7s	41.42 357	eP	S	19 05 82.2 +1.9	
SNY	comp=Z,240nm,14.6s	41.42 357	pmax	pmax	19 04 41.2 +0.9	
SNY	comp=Z,360nm,16.7s	41.42 357	LR	LR	19 05 02.7 +0.2	
SNY	comp=Z,340nm,19.9s	41.42 357	LR	LR	19 05 02.7 +0.2	
SHL	Shilong	41.60 310	P	P	19 05 02.7 +0.2	
SHL	comp=Z,13nm,0.8s	41.60 310	pmax	pmax	19 05 05.0 +0.7	
SHL	HHC	41.60 310	P	P	19 04 42.2 -1.1	
HHC	comp=Z,86nm,0.9s	41.60 310	eP	P	19 04 53.1 +2.6	

8d 21h

Table with columns: SNA, SNA, comp-Z, 25nm, 1.8s, P, I, 21 10 19.7 -0.9, Iamb, Iamb, 21 12 16.8, etc.

2014 MAR

Table with columns: SSSA, Standing Stone, 117.79 49 P, PKPdf, 21 15 36.1 -0.8, J56A, Wolcott, 119.90 46 P, PKPdf, 21 15 36.4 -0.6, etc.

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Table with columns: ESDC, Sonseca Array, 147.97 339, PKPbc, 21 16 31.9 -0.4, PAB, San Pablo, 148.22 339, PKPbc, 21 16 32.9 0.0, etc.

NEIC 08 21:06:08.7z.2, 1, 23:85S:0.09:179:7W:0.1, h524km, 6km, mb4, 7/2 10, Error ellipse: s-maj=15.4km s-min=12.2km

IDC 08 21:06:09.1z.7, 23:91S:179:82W, h522km, 7km, mb4, 1/21, mb1 4.3/22, mb1 mx4.0/47, mbtmp.0/22, Error ellipse: s-maj=12.6km s-min=10.0km az=150.0

ISC 08 21:06:07.0z.3, 23:87S:0.05:179:69W:0.05, h512km, n394, t126/413, mb4.7/144, South of Fiji Islands

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

8d 21h

Table with columns: CMAR, Comp, Az, El, P, PP, SNR, Time, Res, etc. Lists various stations and their parameters.

2014 MAR

Main table with columns: BRTR, PKPab, PKPbc, PKP, Time, Res, etc. Contains station data and technical notes like NIED and ROM.

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Table with columns: LCND, eS, IAML, Sn, Time, Res, etc. Lists stations and their parameters.

Table with columns: WB0, WBO, WRA, WRAB, WRO, MORW, AS31, ASAR, FORT, NWA0, NWA0, NWA0, COEN, COEN, MJAR, SONM, MKAR, ZALV, TIXI, TIXI. Includes station names, coordinates, and status.

ATH 09:00:15:47.6, 36:49N-26:78E, h126km, 8km, ML2.8/3, Error ellipse: s-maj=9.2km s-min=1.9km az=126.0

ISK 09:00:15:47.7, 36:53N-26:81E, h127km, 2km, ML2.7/10

THE 09:00:15:50.1, 36:63N-26:68E, h99km, 10km, ML2.6/7, Error ellipse: s-maj=10.9km s-min=0.7km az=151.0

DDA 09:00:16:01.3, 37:03N-27:41E, h75km, 4km, ML1.9

ISC 09:00:15:46.3, 1.5, 36:53N, 0.05:26.87E, 0.04, h136km, 10km, n49, a205/73, Dodecanese Islands

Main table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists various stations and their coordinates.

ISC 09:00:38:48.6, 2.0, 0:98N-127:30E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/3, mbtmp3.6/3, MS3.4/2, Ms1 3.4/2, ms1mx2.7/34, Error ellipse: s-maj=150.2km s-min=25.5km az=60.0

DJA 09:00:39:03.9, 0.9, 1 N6:6x12:7E, h154km, 6km, M3.9/6, MLV3.9/6

ISC 09:00:39:05.6, 1.3, 0:9N, 0.1:127:4E, 0.1, h150km, n8, a154/18, mb3.4/3, Halmahera

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations TNTI, TINTI, SANI.

Table with columns: KMSI, WSI, WRA, WSAR, JCJ, MKAR. Includes station names and coordinates.

IDC 09:00:49:52.7, 0.8, 9:35S-114:80E, h0km, mb4.3/10, mb1 4.3/12, mb1mx4.1/37, mbtmp4.2/12, ML3.8/2, MS3.3/3, Ms1 3.4/3, ms1mx2.9/31, Error ellipse: s-maj=39.1km s-min=14.4km az=46.0

NEIC 09:00:49:57.2, 3.0, 9:31S:0:06x115:25E, 0:06, h41km, 7km, mb4.2/25, Error ellipse: s-maj=10.2km s-min=7.3km az=214.0

DJA 09:00:50:02.0, 0.4, 9 S:4:11 5E, h38km, 6km, M4.6/21, mb5.3/2, mb4.7/7, MLV4.5/21, Mw(m)B4.7/2

ISC 09:00:50:03.0, 0.8, 9:43S:0:06x115:04E, 0:04, h62km, 8km, n81, a178/84, mb4.2/21, South of Bali

Main table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists various stations including IGBI, DNP, JAGI, SRBI, GMJI, KAPPA, PLAI, PWJI, GRJI, PCJI, WBSI, WOJI, UGM, UGM, SMRI, KPJI, KAPI, KAPI, BKSI, EDFI, BNSI, MMRI, CISI, CISI, CNJI, SKEI, XMSI, LUWI, PSAO, MNAI, GRII, FITZ, FITZ, KNRA, MORW, MORW, WBO, WRA, WBO, WBO, WRO, ASAR, ASAR, ASAR, LHMI, NWA0, NWA0, NWA0, FORT, BBOO, BBOO, PMG, CMAR, STKA, STKA, SHL, SHL, H08S2, H08S3, H08S3, HHC, SONM, SONM, SONM, WMQ, TLY, MK31, MK31, MKAR, MKAR, MKAR, GAR, AAK, AAK, KKR, KKR, KKR, ZAAO, ZALV, ZALV, ZALV, GEYT, GEYT, GEYT.

Table with columns: GYA0B, PEAOB, PETK, VNA, BRVK, BRVK, RAYN, RAYN, ABKAR, BRTR, BRTR, YKA, YKA. Includes station names and coordinates.

IDC 09:00:55:59.9, 1.5, 32:68N:140:00E, h129km, 6km, mb3.3/4, mb1 3.4/5, mb1mx3.1/31, mbtmp3.0/5, Error ellipse: s-maj=91.0km s-min=1.3km az=71.0

JMA 09:00:56:00.0, 0.1, 32:85N:140:24E, h136km, 2km, M3.4

ISC 09:00:55:60.0, 1.1, 32:80N:0:06x140:20E, 0.1, h136km, 6km, n19, a67/25, mb3.7/4, Southeast of Honshu

Main table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists various stations including JHCJ, JHU2, JHU2, JHU, JHU, JHU, JAOM, JAOM, JMKN, JMKN, JKO, BSO1, BSO1, BSO2, BSO2, JYJ, JYJ, JRY, JRY, MJAR, MJAR, H1N12, H1N12, H1N13, H1N13, SONM, MKAR, WRA, ASAR.

IDC 09:01:01:05.2, 1.5, 21:02S:68:16W, h125km, 17km, mb3.9/3, mb1 3.8/6, mb1mx3.5/26, mbtmp4.1/6, Error ellipse: s-maj=29.1km s-min=20.8km az=125.0

GUC 09:01:01:07.1, 0.5, 21:06S:68:46W, h140km, 3km, ML3.8

ISC 09:01:01:05.2, 0.9, 21:07S:0:04x68:37W, 0.10, h140km, 8km, n24, a162/42, mb4.1/3, 11C-3D, Chile-Bolivia border region

Main table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists various stations including PB01, PB01, PB09, PB09, PB08, PB08, GO01, GO01, GO01, LVC, LVC, PB03, PB03, PATCX, PATCX, PATCX, TA01, TA01, PB11, PB11, PB06, PB06, PB06, PB04, PB04, PB04, PSCG, PSCG, PSCG, MNMC, MNMC, PB15, PB15, PB05, PB05, PB05, CFA, CFA, CFA, PLMA, PLMA, TORD, TORD, YKA, YKA, MKAR, MKAR.

KEA 09:01:08:49.3, 0.0, 40:47N:122:26E, h0km, ML2.7/3, Northeastern China

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations SUJ, SUJ, PYG, PYG, KGE, KGE, HJU, HJU.

IDD 09 01:12:23.3.1.1, 2.7423, 127.72E, h0km, mb3.7/4, mb1 4.1/8, mb1mx3.7/43, mbtmp3.9/8, ML4.1/4, MS3.5/2, Ms1 3.4/2, ms1mx2.8/38, Error ellipse: s-maj=31.4km s-min=20.2km az=68.0

DJA 09 01:12:25.0.2.2, Ss2*12*7E, h10km, M4.0/4,11, mB4.8/2, mb4.8/2, MLV4.2/11, Mw(mb)4.1/2, NEIC 09 01:12:26.2.1.5, 2.55S:0.10, 127.61E:0.4, h19km, 6km, mb4.2/9, Error ellipse: s-maj=14.5km s-min=5.9km az=170.0

ISC 09 01:12:26.8.0.7, 2.57S:0.05, 127.36E:0.04, h29km, n33, n180/36, mb3.8/4, Ceram Sea

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
NLAI	Namlea	0.72	201	P	Op	Pn	01 12 40.5	-0.5
NLAI	Namlea			P	Pb	Pn	01 12 49.9	-0.4
AAI	Ambon	1.39	143	P	Pb	Pn	01 12 52.9	-0.7
SANI	Sanana	1.46	291	P	Pb	Pn	01 12 50.5	-0.8
SANI	Sanana			P	Pb	Pn	01 13 06.3	-3.2
MSAI	Masohi	1.75	116	P	Pb	Pn	01 12 59.1	+0.8
MSAI	Masohi			P	Pb	Pn	01 13 12.1	+1.3
BNDI	Bandanaira	3.20	127	P	Pb	Pn	01 13 17.0	+1.8
SWI	Sorong	4.25	67	P	Pb	Pn	01 13 08.0	+1.1
SWI	Sorong			P	Pb	Pn	01 12 50.5	-0.8
SUI	Sorong	4.25	67	Pn	Pb	Pn	01 13 25.3	-4.5
SUI	Sorong	1.8nm, 0.3s, baz=180, slow=20, SNR=18						
SLJI				Pn			01 14 18.2	-0.2
		5.4nm, 0.3s, baz=202, slow=23, SNR=7.3						
KMSI	Cibinong	4.60	313	P	Pb	Pn	01 13 34.2	-0.3
LWUI	Luwuk	4.83	288	P	Pb	Pn	01 13 37.2	-0.4
LWUI	Luwuk			P	Pb	Pn	01 14 35.0	+2.4
LWUI	Luwuk	4.83	288	Pn	Pb	Pn	01 13 37.8	+0.2
FAKI	Fak Fak	4.90	94	P	Pb	Pn	01 13 40.2	+1.6
FAKI	Fak Fak	6.20	94	Pn	Pb	Pn	01 14 29.9	-1.4
FAKI	Fak Fak			P	Pb	Pn	01 14 29.9	-1.4
MRSI	Marisa	4.90	99	P	Pb	Pn	01 13 56.3	-0.2
SPSI	Sidrap Palu	7.70	259	P	Pb	Pn	01 14 22.5	+5.3
KAPI	Kappang	7.97	252	Pn	Pb	Pn	01 14 25.9	+5.1
KAPI	Kappang	1.1nm, 0.3s, baz=121, slow=6.0, SNR=6.0						
KAPI	Kappang			LR			01 18 15.0	
		comp=Z, 4.6nm, 20.6s, baz=64, slow=4.2						
MPSI	Mapaga	8.00	291	P	Pb	Pn	01 14 29.1	+7.9
FITZ	Fitzroy Crossi	15.53	186	Pn	Pb	Pn	01 16 08.4	+0.4
		0.4nm, 0.3s, baz=18, slow=6.2, SNR=4.4						
FITZ	Fitzroy Crossi	15.53	186	Iamb	Iamb		01 16 57.3	
		comp=Z, 2.4nm, 2.0s						
WB0	Warramunga Arr	18.57	159	P	Pb	Pn	01 16 38.7	-1.4
WB0	Warramunga Arr			Iamb	Iamb		01 16 40.9	
		comp=Z, 1.2nm, 0.8s						
WRA	Warramunga Arr	18.57	159	P	Pb	Pn	01 16 41.4	-0.2
		comp=Z, 2.0nm, 0.3s, baz=341, slow=12, SNR=16						
WRA	Warramunga Arr	18.57	159	P	Pb	Pn	01 20 07.4	-1.5
		comp=Z, 0.0nm, 0.3s, baz=328, slow=18, SNR=2.2						
WRA	Warramunga Arr	18.57	159	P	Pb	Pn	01 16 41.3	-0.4
WB2	Warramunga Arr	18.57	159	P	Pb	Pn	01 16 40.6	-1.1
WB2	Warramunga Arr			Iamb	Iamb		01 16 50.2	
		comp=Z, 1.4nm, 0.7s						
WR0	Warramunga Arr	18.66	158	P	Pb	Pn	01 16 42.3	-0.3
AS31	Alice Springs	21.91	164	P	Pb	Pn	01 17 17.5	-0.4
ASAR	Alice Springs	21.91	164	P	Pb	Pn	01 17 18.0	-0.0
		comp=Z, 2.2nm, 0.4s, baz=348, slow=12, SNR=58						
ASAR	Alice Springs			P	Pb	Pn	01 21 16.4	-2.2
STKA	Stephens Creek	32.09	157	P	Pb	Pn	01 18 51.6	+0.1
		comp=Z, 1.5nm, 0.7s, baz=333, slow=8.3, SNR=4.9						
STKA	Stephens Creek	32.09	157	Iamb	Iamb		01 19 24.0	
		comp=Z, 4.4nm, 1.9s						
MK31	Makanchi Array	63.10	327	P	Pb	Pn	01 22 53.3	+1.6
MK31	Makanchi Array	63.10	327	P	Pb	Pn	01 22 53.4	+1.6
		comp=Z, 0.4nm, 0.8s, baz=117, slow=8.1, SNR=4.2						
KURBB	Kurchatov Arr	67.38	329	P	Pb	Pn	01 23 19.9	+0.6
		comp=Z, 0.4nm, 0.7s, baz=120, slow=6.2, SNR=4.2						
KURK	Kurchatov	67.39	329	P	Pb	Pn	01 23 19.9	+0.5
KIRV	Kirov	85.91	329	LR	LR		02 05 02.8	
		comp=Z, 1.50nm, 19.0s, baz=247, slow=37						
CPUP	Villa Florida	150.92	171	PKPbc	PKPbc		01 32 19.9	+1.7
		comp=Z, 1.3nm, 0.9s, baz=169, slow=2.0, SNR=4.1						

IDD 09 01:12:57.4.3.7, 5.58S:76.83W, h33km, 29km, mb3.7/13, mb1 4.0/20, mb1mx3.9/34, mbtmp4.0/20, ML3.9/5, MS3.4/2, Ms1 3.4/2, ms1mx3.1/25, Error ellipse: s-maj=18.1km s-min=12.3km az=73.0

ISC 09 01:12:57.5.0.5, 5.59S:76.66W:0.07, h35km, n50, n168/53, mb3.9/14, Northen Peru

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ATAH	Atahualpa	2.31	228	Pn	Pb	Pn	01 13 32.6	-0.8
ATAH	Atahualpa			Pn	Pb	Pn	01 13 58.8	-1.9
		183nm, 0.3s, baz=357, slow=5.7, SNR=12						
ATAH	Atahualpa			LR			01 14 35.8	
		comp=Z, 7.32nm, 19.1s, baz=100, slow=4.6						
PTLC	Puerto Leguiza	6.02	18	P	Pb	Pn	01 14 21.4	-2.7
OTAV	Otavalo	6.06	343	eP	eP		01 14 28.4	+3.4
NNA	Nana	6.36	182	Pn	Pb	Pn	01 14 29.4	+0.6
		23nm, 0.3s, baz=353, slow=8.3, SNR=9.7						
NNA	Nana			Pn	Pb	Pn	01 15 38.3	-2.0
		22nm, 0.3s, baz=290, slow=12, SNR=6.1						
CRUC	La Cruz	7.12	358	eP	eP		01 14 48.6	+9.1
FLOC	Florencia	7.20	8	eP	eP		01 14 41.6	+1.3
BBAC	Baibacoa	7.49	356	eP	eP		01 14 47.9	+2.1
SOTA	Sotillo	7.67	0	eP	eP		01 14 48.6	+1.3
GARC	Garron, Huila	7.81	9	eP	eP		01 14 47.9	-1.1
PCON	Cinco Dias	7.87	2	eP	eP		01 14 50.0	0.0
POPC	Popayan, Colom	8.07	360	eP	eP		01 14 56.3	+3.7
GRIC	Gorgona, Isla	8.67	350	eP	eP		01 15 07.4	+7.0
YOTO	Yotoco, Valle	9.51	2	eP	eP		01 15 14.4	+2.2
ORTC	Ortega, Tolima	9.54	9	eP	eP		01 15 13.0	+0.5
VILC	Villavicencio,	10.08	17	eP	eP		01 15 23.5	+3.5
CHIC	Chingaza	10.56	16	eP	eP		01 15 29.1	+2.2
ROSC	El Rosal	10.62	13	Pn	Pb	Pn	01 15 29.1	+1.4
		0.8nm, 0.3s, baz=70, slow=23, SNR=3.2						
ROSC	Rosalia			LR			01 20 48.9	
		comp=Z, 2.31nm, 19.2s, baz=220, slow=44						
GUY2C	Guayana, Caldas	10.82	7	eP	eP		01 15 32.6	+2.2
NORC	Norcasia	11.22	9	eP	eP		01 15 35.4	-0.2
CBOC	Ciudad Bolivar	11.46	12	eP	eP		01 15 37.1	+1.3
RUSC	Rusia	11.95	17	eP	eP		01 15 47.9	+2.0
PTBC	PUERTO BERRIO,	12.25	10	eP	eP		01 15 50.0	+0.4
SAML	Samuel	13.78	105	eP	eP		01 16 10.2	-0.3
SMLC	San Martin de	14.53	10	eP	eP		01 16 28.4	+1.6
SOCP	Socops	14.95	23	eP	eP		01 16 24.9	-1.5
SDV	Santo Domingo	15.59	23	Pn	Pb	Pn	01 16 36.1	-2.6
		0.6nm, 0.3s, baz=28, slow=16, SNR=4.8						
SDV	Santo Domingo	15.59	23	eP	eP		01 16 34.6	-0.2
CODC	Agustin Codazzi	15.75	12	eP	eP		01 16 38.8	-1.6
PTGA	Pitinga	17.35	74	eP	eP		01 16 58.9	+0.7
		1.2nm, 0.3s, baz=249, slow=22, SNR=7.7						
PTGA	Pitinga			Pn	Pb	Pn	01 20 04.5	-4.8
		0.9nm, 0.3s, baz=279, slow=9.2, SNR=4.3						
SIV	San Ignacio	18.46	125	P	Pb	Pn	01 17 10.9	+0.2
		0.2nm, 0.3s, baz=322, slow=9.4, SNR=4.5						
LVC	Limon Verde	18.50	157	P	Pb	Pn	01 17 13.6	+2.1
		0.6nm, 0.3s, baz=50, slow=3.2, SNR=4.9						
CFA	Coronel Fontan	27.06	164	P	Pb	Pn	01 18 37.4	+0.6
		1.9nm, 0.7s, baz=303, slow=4.3, SNR=4.4						
CPUP	Villa Florida	150.92	171	Pn	Pb	Pn	01 18 43.2	+0.9
		1.6nm, 0.6s, baz=342, slow=10.0, SNR=8.2						
BDFB	Brasilia	29.84	112	P	Pb	Pn	01 19 02.3	+0.5
		1.5nm, 0.7s, baz=277, slow=8.1, SNR=3.4						
PLCA	Paso Flores	15.42	172	eP	eP		01 19 50.2	0.0
		0.6nm, 0.7s, baz=0.0, slow=1.2, SNR=3.4						
PLCA	Paso Flores			PcP	PcP		01 22 20.1	+0.5
		1.5nm, 0.9s, baz=315, slow=2.9, SNR=4.3						
TXAR	Lajas Array	43.35	325	P	Pb	Pn	01 20 56.0	-0.6
		0.6nm, 0.7s, baz=116, slow=6.1, SNR=8.3						
PDAR	Pinedale Array	56.63	331	P	Pb	Pn	01 22 36.8	-0.6
		0.2nm, 0.4s, baz=122, slow=8.6, SNR=3.6						
NLM	Lac du Bonnet	58.05	346	P	Pb	Pn	01 22 45.8	-1.1
		0.9nm, 0.6s, baz=144, slow=4.7, SNR=3.2						
UVR	Mina Array Bea	58.38	322	P	Pb	Pn	01 22 49.9	-0.7
		1.0nm, 0.7s, baz=136, slow=6.8, SNR=8.3						
SCHO	Schefferville	60.76	6	P	Pb	Pn	01 23 06.0	+0.4
		0.8nm, 0.6s, baz=256, slow=17, SNR=4.3						
SCHO	Schefferville			PcP	PcP		01 23 49.7	+0.4
		0.9nm, 0.5s, baz=187, slow=1.6, SNR=4.5						
YKA	Yellowknife Ar	73.81	343	P	Pb	Pn	01 24 27.2	-0.9
		1.1nm, 0.7s, baz=139, slow=6.3, SNR=18						
TORD	Tordi Ar. Bea	79.99	76	P	Pb	Pn	01 25 05.3	+1.4
		1.1nm, 0.4s, baz=277, slow=5.6, SNR=34						
ESDC	Ascan Array	80.39	48	P	Pb	Pn	01 25 07.7	+2.0
		0.4nm, 0.6s, baz=241, slow=6.3, SNR=2.9						

ILAR	Eielson Array	86.74	336	P	P	01 25 37.4	-0.2
		0.5nm, 0.8s, baz=116, slow=4.1, SNR=4.3					
VNDA	Vanda	91.07	191	P	P	01 25 58.2	+0.3
		9.9nm, 3s, baz=59, slow=12, SNR=3.7					
ZALV	Zalesovo Beam	129.49	114	PKP	PKIKP	01 32 02.9	-0.4
		1.0nm, 0.4s, baz=242, slow=2.9, SNR=8.1					
MKAR	Makanchi Array	135.12	20	PKP	PKPpdf	01 32 13.0	-0.4
		0.5nm, 0.7s, baz=327, slow=2.1, SNR=8.3					
SOMN	Songino Array	137.83	87	PKP	PKPpdf	01 32 18.5	-0.0
		0.5nm, 0.4s, baz=331, slow=2.0, SNR=6.8					
ASAR	Alice Springs	138.34	225	PKHkp	PKPprr	01 32 10.7	
		0.2nm, 0.7s, baz=141, slow=3.5, SNR=3.5					
ASAR	Alice Springs			PKP	PKPpdf	01 32 19.4	-0.7
		0.6nm, 0.9s, baz=113, slow=2.5, SNR=5.1					
WRA	Warramunga Arr	140.33	229	PKP	PKIKP	01 32 24.9	-1.4
		0.3nm, 0.4s, baz=1					

ASAR comp=Z,2.8nm,0.6s,baz=7.4,slow=12,SNR=13 S S 02 33 51.6 +2.1
ASAR Alice Springs 22.44 190 P P 02 29 43.6 -0.8
MKAR Makani ni Array 65.61 324 P P 02 35 29.2 +0.1

ANF 09 02:27:15.7-0.1,36.05N:117.58W,h4km,1km,ML1.6/2.6,
Error ellipse: s-maj=1.2km s-min=1.1km az=27.0
IASPEI 09 02:27:16.0-0.9,36.05N:0.02:117.58W:0.02,h11km,6km,
Error ellipse: s-maj=2.9km s-min=2.8km az=145.7,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, <i>Seism. Res. Let.</i>, 80, 465-472,
2009

PAS 09 02:27:16.3-2.1,36.05N:0.01:117.57W:0.02,h3km,6km,
ML2.7/8.4, Error ellipse: s-maj=2.8km s-min=1.5km
az=58.0

SCEDC 09 02:27:16.3,36.04N:117.58W,h0km
NEIC 09 02:27:16.2,2.0,36.04N:0.005:117.57W:0.02,
h2km,6km, Error ellipse: s-maj=2.7km s-min=0.7km
az=80.0

ISC 09 02:27:16.8-0.8,36.06N:0.02:117.57W:0.02,h9km,6km,
n9,3,1518/103,California-Nevada border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MPMC Manual Prospec and WCMC Coso Springs S.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WCMC Joshua Ridge and WPM Volcano Peak E.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WPM Volcano Peak E and WCMC Tower One.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WCMC Tower One and WCMC Chimney Peak.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WCMC Cerro Gordo and WCMC Cottonwood Cre.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WCMC Cottonwood Cre and QSM Queen of Sheba.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for QSM Queen of Sheba and LRMC Laurel Mtn Rad.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LRMC Laurel Mtn Rad and WORM Onyx Ranch.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WORM Onyx Ranch and WBSM Bird Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WBSM Bird Springs and FURC Furnace Creek.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FURC Furnace Creek and JFS Joseph F. Stat.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JFS Joseph F. Stat and WFM Hanning Flat.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WFM Hanning Flat and WFM Tin Mountain.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WFM Tin Mountain and DTP Desert Tortois.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DTP Desert Tortois and ISA Isabella, Lake.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISA Isabella, Lake and FMT Fuzal Mounta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FMT Fuzal Mounta and WASM Alta Sierra Ca.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WASM Alta Sierra Ca and GRAC Grapevine Rang.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GRAC Grapevine Rang and GVN Grapevine.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GVN Grapevine and GSC Goldstone, Bar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GSC Goldstone, Bar and SHOC Shoshone, Teco.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SHOC Shoshone, Teco and SHOC Shoshone, Teco.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for R11A Troy Canyon, C, and SBI Santa Barbara.

ATA 09 02:27:18.7-2.6,38.71N:43.30E,h32km,34km,ML1.5,
MW2.5
ISK 09 02:27:20.8,38.71N:43.17E,h14km,1km,ML1.8/6
DDA 09 02:27:21.5,38.67N:43.18E,h7km,2km,ML1.5
ISC 09 02:27:20.6-0.9,38.70N:0.005:43.25E:0.04,h29km,9km,
n17,0,6912/7, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for VANB Van and TVAN Van.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TVAN Van and TVAN Van.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TVAN Van and TVAN Van.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TVAN Van and VMUR Van-Muradi.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for VMUR Van-Muradi and GEVA Gevas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GEVA Gevas and GEVA Gevas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GEVA Gevas and AKVA Akdamar-Van.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AKVA Akdamar-Van and CLDR Cladran.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CLDR Cladran and MLAZ Malazgirt-MAD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MLAZ Malazgirt-MAD and AGRB Hanur-Agry.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AGRB Hanur-Agry and BLIS Bitlis-Merkez.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BLIS Bitlis-Merkez and BLIS Bitlis-Merkez.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BLIS Bitlis-Merkez and GUAO Guaymak-BITLI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GUAO Guaymak-BITLI and EATA Eleskirt.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for EATA Eleskirt and IGDII IGDII.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IGDII IGDII and MUSM Mu-Merkez.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MUSM Mu-Merkez and SMRT St. Maarten.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SMRT St. Maarten and SABA Saba.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SABA Saba and SABA Saba.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SABA Saba and SEUS St. Eustatius.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SEUS St. Eustatius and CDVI St. Croix.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CDVI St. Croix and STVI Saint Thomas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for STVI Saint Thomas and STVI Saint Thomas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for STVI Saint Thomas and SKI Saint Kitts.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for RTR El Retiro and RTR Cerro Verde.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for RTR Cerro Verde and CEVE Cerro Verde.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CEVE Cerro Verde and SBLB San Blas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SBLB San Blas and SBLB San Jose.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SBLB San Jose and LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LALI Alcaldia de L and LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LALI Alcaldia de L and BOQS Boqueron.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BOQS Boqueron and STG3 Santiaguito 3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for STG3 Santiaguito 3 and MTO3 Montecristo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MTO3 Montecristo and LOMA Loma Larga.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LOMA Loma Larga and LFRS El Faro.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LFRS El Faro and MRL Marmol.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MRL Marmol and MRL Marmol.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MRL Marmol and NBG Las Nubes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for NBG Las Nubes and CCIG Comitan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CCIG Comitan and CCIG Comitan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CCIG Comitan and FUG Fuego 3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FUG Fuego 3 and STG3 Santiaguito 3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for STG3 Santiaguito 3 and IXG Ixpaco.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IXG Ixpaco and TGIG Tegucigalpa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TGIG Tegucigalpa and TGIG Tegucigalpa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TGIG Tegucigalpa and TGUH Tegucigalpa,Un.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TGUH Tegucigalpa,Un and IDC 09 03:31:23.6-1.0,54.98N:162.72E,h0km,mb3.8/14.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 09 03:31:23.6-1.0,54.98N:162.72E,h0km,mb3.8/14.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 09 03:31:23.6-1.0,54.98N:162.72E,h0km,mb3.8/14.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 09 03:31:23.6-1.0,54.98N:162.72E,h0km,mb3.8/14.

TRN 09 02:39:21.2, 18.13N:63.74W, h23km, MD3.6
NEIC 09 02:39:24.1, 7.18N:10.3:63.70W:0.09, h45km, 32km,
Error ellipse: s-maj=38.7km s-min=3.3km az=197.0
RSPPR 09 02:39:24.9, 18.91N:63.81W, h46km, 7km, MD2.8/5
ISC 09 02:39:21.8-1.4, 18.12N:0.008:63.75W:0.03, h8km, 11km,
n38,0,680/57,10C-2D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SMRT St. Maarten and SMRT St. Maarten.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SMRT St. Maarten and SABA Saba.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SABA Saba and SABA Saba.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SABA Saba and SEUS St. Eustatius.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SEUS St. Eustatius and CDVI St. Croix.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CDVI St. Croix and STVI Saint Thomas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for STVI Saint Thomas and STVI Saint Thomas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for STVI Saint Thomas and SKI Saint Kitts.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SKI Saint Kitts and SKOC St. Kitts, UWI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SKOC St. Kitts, UWI and NVDD Nevis, Disaste.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for NVDD Nevis, Disaste and CUPR Culebra, Puert.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CUPR Culebra, Puert and CUPR Culebra, Puert.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CUPR Culebra, Puert and ANWB Willy Bob.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ANWB Willy Bob and ANWB Willy Bob.

MAN 09 02:50:03.7, 4.34N:124.72E, h323km, mb5.5, ML4.5,
MS4.8, Cebeles Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 09 02:58:47.5-0.4, 16.06N:90.28W, h20km, 15km, MD4.2.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DALK, Dalky, UGLR, AVH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NVAR, Mina Array, KVN, Kisererville, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NCEDC, NEIC, Northern California, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEX, ECX, M2L2, etc.

9d 8h

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like BBL5, BOSS, MAKA, GRUS, etc.

THR 09 06:34:10.8,0.9,38.16N,46.44E, h14km,9km,ML3.0
NSSP 09 06:34:10.8,0.9,38.07N,46.35E, h10km,Ms3.2
TIF 09 06:34:10.8,0.9,38.09N,46.42E, h7km,ML3.6

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like TABZ, ITBZ, TVRZ, etc.

NORS 09 06:48:21.8,0.0,42.51N,43.47E, h12km,MPVA3.6
IASPEI 09 06:48:22.8,0.8,42.54N,0.02,43.45E,0.03, h10km,4km,
Error ellipse: s-maj=3.8km s-min=3.2km az=104.2, GT5

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like ONI, DIGR, etc.

2014 MAR

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like LACR, KORR, GUDG, etc.

WEL 09 07:22:41.2,0.5,33.5S,5.179W,1.5, h33km, M4,2/22,
mB4.8/12,ML4.7/18,MLV4.6/22,Mw(mB)4.1/12,South of
Kermadec Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like GLKZ, TWGZ, CNGZ, etc.

NNC 09 07:28:27.1,0.4,50.01N,78.70E, h0km, mb3.7, mpv3.2,
16C-8D, Error ellipse: s-maj=4.3km s-min=2.2km
az=65.0, Suspected Mining explosion., Eastern
Kazakhstan

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KUR07, KUR06, etc.

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Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like ARXS, MNBS, KTBS, DGS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like HOLB, PBPC, PHC, etc.

GCG 09 08:45:46.0±0.3, 14.05N:91.85W, h35km, 999km, ML3.4
SNCT 09 08:45:49.1±0.9, 14.09N:91.58W, h43km, 12km, ML3.4

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

KRNET 09 08:51:11.1±0.1, 40.89N:74.14E, h16km, mb3.3
NNC 09 08:51:12.5±1.2, 40.88N:74.17E, h0km, mb3.7, mpv3.4

SOME 09 08:51:14.2±1.0, 41.00N:74.18E, h15km
ISC 09 08:51:10.6±1.3, 40.86N:0.04:74.17E, 0.02, h5km, 12km, n61, c1832/98, 28C-12D, Kyrgyzstan-Xinjiang border region

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

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

ISC 09 09:13:08:5.3±9.3, 34.90N:77.51E, h0km, mb3.6/2, mb1.3/6.5, mb1mx3.4/4, mbtmp3.4/5, ML3.2/3, Error ellipse: s-maj=17.8km s-min=63.2km az=92.0, Eastern Kashmir

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

IDC 09 09:18:22.5±19.0, 17.53S:178.70W, h583km, 246km, mb3.2/8, mb1.3/5/8, mb1mx3.1/4, mbtmp4.1/8, Error ellipse: s-maj=87.6km s-min=65.6km az=171.0, NEIC 09 09:18:23.1±1.0, 17.75S:0.1x178.7W:0.1, h596km, 10km, mb4.1/25, Error ellipse: s-maj=19.8km s-min=12.4km az=215.0

ISC 09 09:18:23.5±0.7, 17.75S:0.2x178.7W:0.1, h600km, n39, c0944/40, mb4.0/19, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like MSVF, DZM, OUZ, etc.

IDC 09 09:25:30.2±6.9, 68S:151.76E, h0km, mb3.0/1, mb1.3/5/5, mb1mx3.4/34, mbtmp3.4/5, ML3.1/2, MS3.4/4, Ms1.3/4, ms1mx3.1/18, Error ellipse: s-maj=45.7km s-min=37.3km az=99.0, D'Entrecasteaux Islands region

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

IDC 09 09:28:52.9±3.2, 430S:133.61E, h0km, mb3.0/1, mb1.3/5/5, mb1mx3.4/33, mbtmp3.4/5, ML3.3/4, Error ellipse: s-maj=121.8km s-min=26.4km az=77.0, Irian Jaya region

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

IDC 09 09:42:47.5±3.2, 4.94N:93.66E, h0km, mb3.6/3, mb1.3/9/4, mb1mx3.5/44, mbtmp3.7/4, MS3.8/1, Ms1.3/8/1, ms1mx2.9/1, Error ellipse: s-maj=116.1km s-min=28.8km az=62.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CMAR, H0S2, H0S3, etc.

BRAL	Brewton	9.75	326	P	Pn	11 28 37.9	-0.7
NHSC	New Hope	9.90	3	P	Pn	11 28 37.6	-3.0
NHSC	New Hope	9.90	3	P	Pn	11 28 37.7	-3.0
Z574	Bowman	10.08	0	P	Pn	11 28 40.5	-2.6
Z59A	Georgetown, SC	10.10	7	P	Pn	11 28 40.0	-3.4
Z56A	Williston	10.12	357	P	Pn	11 28 40.4	-3.4
Z58A	St. Stephen	10.14	4	P	Pn	11 28 41.0	-3.0
Z58A	Godfrey	10.47	347	P	Pn	11 28 46.4	-2.2
Y56A	Pellion	10.58	357	P	Pn	11 28 47.1	-2.9
Y58A	Scranton	10.72	5	P	Pn	11 28 48.5	-3.5
Y55A	Saluda	10.76	355	P	Pn	11 28 49.4	-3.1
Y57A	Sumter	10.80	1	P	Pn	11 28 49.0	-4.0
Y57A	Sumter	10.80	1	P	Pn	11 28 51.0	-2.0
Y59A	Loris	10.89	8	P	Pn	11 28 51.0	-3.2
TCUH	Teguigalpa, Un	11.00	216	eP	Pn	11 28 59.5	+3.6
TCUH	Teguigalpa, Un	11.00	216	eP	Pn	11 28 59.7	+0.6
Y60A	Bolivia	11.00	11	P	Pn	11 28 52.6	-3.2
Z50A	Ashland	11.03	337	P	Pn	11 28 53.8	-2.4
Y52A	Libburn	11.04	345	P	Pn	11 28 55.2	-1.1
HODGE	Hodges	11.09	353	P	Pn	11 28 54.0	-3.0
X57A	Johnson Farm,	11.25	3	P	Pn	11 28 55.9	-3.3
LRAL	Lakeww Retre	11.27	332	P	Pn	11 28 56.2	-3.2
X56A	White Oak	11.27	359	P	Pn	11 28 56.3	-3.2
X55A	Graceyn & Ava	11.27	356	P	Pn	11 28 56.0	-3.6
X58A	Rowland	11.39	6	P	Pn	11 28 59.2	-2.0
X54A	Belton	11.41	353	P	Pn	11 28 58.6	-2.9
BIRD	Birdtown, Kers	11.42	1	P	Pn	11 28 59.3	-2.2
X59A	McDuffie Farm,	11.50	9	P	Pn	11 29 00.2	-2.4
X53A	Estanolee	11.50	349	P	Pn	11 29 00.8	-1.8
X60A	Albert Glenn T	11.60	11	P	Pn	11 28 59.7	-4.3
W58A	Raelord	11.87	6	P	Pn	11 29 03.2	-4.4
X51A	Calhoun	11.90	343	P	Pn	11 29 06.7	-1.5
W56A	Indian Trail	11.91	1	P	Pn	11 29 04.6	-3.6
KM5C	Kings Mountain	11.93	358	P	Pn	11 29 04.8	-3.7
W54A	Cherokee Point	11.93	354	P	Pn	11 29 05.6	-2.9
W57A	Gilead	11.94	3	P	Pn	11 29 04.3	-4.4
W57A	Gilead	11.94	3	P	Pn	11 29 04.3	-4.4
W59A	Clinton	12.11	9	P	Pn	11 29 07.4	-3.5
W60A	Pink Hill	12.12	12	P	Pn	11 29 08.1	-2.9
W52A	Murphy	12.19	347	P	Pn	11 29 10.3	-1.8
CN5C	Cliffs of the	12.26	11	P	Pn	11 29 09.9	-3.2
APG	El Apazote	12.29	230	Pn	Pn	11 29 14.4	+0.8
APG	comp=N,2.1nm,0.3s,baz=93,slow=14,SNR=23			Sn	Sn	11 31 31.4	+0.5
APG	comp=N,2.9nm,0.3s,baz=316,slow=16,SNR=4.3			LR	LR	11 31 37.2	
W61A	Ground Anchor	12.38	14	P	Pn	11 29 11.0	-3.7
VB5S	Vicksburg	12.50	318	P	Pn	11 29 14.5	-1.8
V53A	Saluda	12.57	352	P	Pn	11 29 15.7	-1.7
V56A	Mocksville	12.58	1	P	Pn	11 29 13.5	-3.9
V54A	Nebo	12.60	355	P	Pn	11 29 14.5	-3.1
W50A	Signal Mountai	12.62	343	P	Pn	11 29 16.6	-1.5
V55A	Taylorsville	12.63	358	P	Pn	11 29 14.1	-4.0
V58A	Windy Hill, Pi	12.64	6	P	Pn	11 29 13.9	-4.3
V57A	Coltrane Farms	12.69	3	P	Pn	11 29 14.9	-4.0
TKL	Tuckaleechee C	12.71	349	Pn	Pn	11 29 16.6	-2.6
TKL	comp=N,1.9nm,0.3s,baz=170,slow=14,SNR=30			Sn	Sn	11 31 37.3	-3.6
TKL	comp=N,7.9nm,0.3s,baz=285,slow=5.7,SNR=3.9			LR	LR	11 34 07.9	
V59A	Middlesex	12.72	9	P	Pn	11 29 14.8	-4.5
CCIG	Comitan	12.75	239	P	Pn	11 29 20.8	+0.8
V60A	Jim Taylor Ro	12.89	13	P	Pn	11 29 18.7	-2.9
V51A	Loudon	12.97	347	P	Pn	11 29 20.7	-2.0
V61A	Roper	13.07	15	P	Pn	11 29 20.4	-3.7
U56A	King	13.12	1	P	Pn	11 29 21.4	-3.4
U57A	Blanch	13.26	5	P	Pn	11 29 22.4	-3.3
U55A	T42, Sparta	13.28	359	P	Pn	11 29 23.5	-3.5
U58A	Oxford	13.30	8	P	Pn	11 29 22.5	-4.7
U54A	Nelsons Sunny	13.33	356	P	Pn	11 29 24.3	-3.3
U59A	Littleton	13.37	10	P	Pn	11 29 23.9	-4.2
JTS	Las Juntas de	13.45	198	Pn	Pn	11 29 28.9	-0.4
JTS	comp=N,0.3nm,0.3s,baz=49,slow=11,SNR=3.4			LR	LR	11 34 17.4	
JTS	comp=N,2.7nm,20.0s,baz=74,slow=36			Pn	Pn	11 29 29.3	0.0
TZTN	Tazewell	13.54	350	P	Pn	11 29 28.2	-2.3
U60A	Pendleton	13.60	12	P	Pn	11 29 26.4	-4.8
OXF	Oxford	13.61	328	P	Pn	11 29 28.4	-3.0
U61A	Possum Corner	13.62	15	P	Pn	11 29 26.2	-5.3
T56A	Rocky Mt	13.81	2	P	Pn	11 29 30.6	-3.6
T57A	Hurt	13.83	5	P	Pn	11 29 30.2	-4.2
T53A	Wise	13.84	354	P	Pn	11 29 31.9	-2.8
T58A	Grand View Acr	13.85	7	P	Pn	11 29 30.0	-4.7
T54A	Tazewell	13.85	357	P	Pn	11 29 31.4	-3.4
T55A	Pulaski	13.89	360	P	Pn	11 29 33.5	-1.8
BLA	Blacksburg	13.98	1	P	Pn	11 29 33.8	-2.8
T59A	Double "B" Far	14.01	11	P	Pn	11 29 32.0	-4.9
T59A	Double "B" Far	14.01	11	P	Pn	11 29 32.1	-4.8
T52A	Hallie	14.01	352	P	Pn	11 29 34.8	-2.2
T51A	Gray	14.02	349	P	Pn	11 29 33.9	-3.1
URIC	Uribia, Colomb	14.12	142	eP	P	11 29 44.1	-2.2
URIC	Uribia, Colomb	14.12	142	eP	P	11 29 44.1	-2.2
OBIP	Obisapo Ponce	14.16	109	eP	Pn	11 29 38.2	-1.0
SJCC	San Jacinto, C	14.24	157	eP	Pn	11 29 42.6	+2.5
T50A	Nancy	14.24	346	P	Pn	11 29 37.3	-2.8
WWT	Waverly	14.30	385	P	Pn	11 29 38.5	-2.4
WWT	Waverly	14.30	336	P	Pn	11 29 38.9	-2.0

T60A	Surry	14.33	13	P	Pn	11 29 37.2	-4.0
X43A	Marvell	14.37	324	P	Pn	11 29 38.8	-3.0
S56A	Natural Bridge	14.48	4	P	Pn	11 29 40.3	-3.1
T49A	Edmonton	14.48	344	P	Pn	11 29 41.1	-2.3
S53A	Williamson	14.50	356	P	Pn	11 29 40.8	-2.9
GCPR	Guaynabo City	14.52	107	Pn	Pn	11 29 41.2	-2.8
SJG	San Juan	14.54	108	Pn	Pn	11 29 40.1	-4.2
SJG	comp=N,0.8nm,0.3s,baz=297,slow=16,SNR=5.5			Sn	Sn	11 32 08.3	-1.7
SJG	comp=N,1.9nm,0.3s,baz=315,slow=22,SNR=7.2			LR	LR	11 36 11.2	
SJG	comp=N,4.2nm,18.5s,baz=50,slow=41			Pn	Pn	11 29 41.8	-2.4
S55A	San Juan	14.54	108	P	Pn	11 29 41.3	-3.0
S55A	Lewisburg	14.54	1	P	Pn	11 29 41.3	-3.0
S58A	Poland Farm, P	14.56	8	P	Pn	11 29 39.9	-4.6
S54A	Dingess, Beckl	14.58	358	P	Pn	11 29 42.4	-2.4
S52A	Salyersville	14.59	353	P	Pn	11 29 42.4	-2.5
S57A	Dan Hollow, R	14.61	6	P	Pn	11 29 41.8	-3.3
CMIG	Matias Romero	14.61	248	Pn	Pn	11 29 39.6	-5.7
CMIG	comp=N,1.2nm,0.3s,baz=52,slow=12,SNR=15			Sn	Sn	11 32 17.9	-1.0
CMIG	comp=N,1.5nm,0.3s,baz=222,slow=16,SNR=4.9			LR	LR	11 35 56.5	
S51A	Beattyville	14.62	351	P	Pn	11 29 44.2	-1.0
Z41A	Richland Creek	14.62	316	P	Pn	11 29 42.8	-2.5
S50A	Richmond	14.79	348	P	Pn	11 29 45.9	-1.7
S59A	Mechanicsville	14.82	11	P	Pn	11 29 43.3	-4.7
S60A	Water View	14.89	13	P	Pn	11 29 44.6	-4.3
CODC	Aguin Codazz	14.90	151	eP	P	11 29 55.7	+0.8
R58B	Mineral	14.93	9	P	Pn	11 29 45.4	-4.1
R54A	Victor	14.95	359	P	Pn	11 29 47.4	-2.4
NATX	Nacogdoches	15.03	308	P	Pn	11 29 47.9	-2.8
R55A	Marlinton	15.06	2	P	Pn	11 29 50.1	-1.2
R55A	Marlinton	15.06	2	P	Pn	11 29 47.9	-3.3
S49A	Springfield	15.07	346	P	Pn	11 29 48.2	-3.2
WLAR	White Oak Lake	15.10	317	Iamb	Iamb	11 30 03.7	
HKT	Hockley	15.10	300	Pn	Pn	11 29 51.2	-0.6
R53A	Hurricane	15.13	356	Iamb	Iamb	11 30 03.9	
R53A	Hurricane	15.13	356	P	Pn	11 29 48.9	-3.3
R57A	Stanardsville	15.18	7	P	Pn	11 29 48.7	-4.1
R52A	Cattlettsburg	15.19	354	P	Pn	11 29 50.9	-2.2
R56A	Bull Pasture M	15.22	4	P	Pn	11 29 49.3	-4.1
CUPR	Culebra, Puert	15.23	106	Iamb	Iamb	11 29 50.7	-2.9
CUPR	comp=N,2.1nm,0.8s			Iamb	Iamb	11 30 04.3	
CBN	Corbin Frederi	15.24	10	P	Pn	11 29 49.1	-4.6
R58A	Rapidan	15.24	8	P	Pn	11 29 49.6	-4.1
R51A	Hillboro	15.27	351	Pn	Pn	11 29 51.9	-2.0
R50A	Paris	15.36	349	P	Pn	11 29 53.9	-1.4
UALR	University of	15.38	321	Iamb	Iamb	11 30 07.6	
R60A	Leonardtown, M	15.45	12	P	Pn	11 29 52.1	-4.2
X40A	Basin Creek Fa	15.46	319	P	Pn	11 29 53.2	-3.3
STVI	Saint Thomas	15.51	105	Iamb	Iamb	11 30 14.0	
R49A	Shelbyville	15.53	347	Iamb	Iamb	11 30 04.0	
R49A	Shelbyville	15.53	347	P	Pn	11 29 54.5	-3.0
W41B	Gary Mayly, V	15.61	323	Iamb	Iamb	11 30 13.6	
W41B	Gary Mayly, V	15.61	323	P	Pn	11 29 57.6	-0.8
Q53A	Leroy	15.64	358	P	Pn	11 29 56.0	-2.8
SMLC	San Martn de	15.66	155	eP	P	11 30 02.8	-0.6
WCI	Wyandotte Cave	15.74	344	Iamb	Iamb		

M59A	Waymart	18.83	12	P	Pn	11 30 39.9	+1.1
L50A	Kingsville	18.89	355	P	P	11 30 38.9	+0.1
ERPA	Erie	18.89	2	Iamb	Iamb	11 30 59.3	
ERPA	Erie	18.89	2	P	Pn	11 30 39.8	+0.3
L48A	N Adams	18.86	351	P	P	11 30 40.3	+0.6
OKCFA	Oklahoma City	18.98	314	Iamb	Iamb	11 30 47.9	
M61A	Granite Spring	18.99	16	P	P	11 30 40.2	+0.1
L54A	Sinclairville	19.03	3	P	Pn	11 30 41.5	+0.3
L57A	Andrews Acres	19.04	9	P	Pn	11 30 41.5	+0.1
L55A	Hinsdale	19.04	5	P	Pn	11 30 42.2	+0.8
L49A	Milan	19.04	353	P	Pn	11 30 42.8	+1.4
L56A	Greenwood	19.08	7	Iamb	Iamb	11 30 46.1	
L56A	Greenwood	19.08	7	P	Pn	11 30 42.5	+0.6
L47A	Sherwood	19.11	350	P	P	11 30 42.2	+0.8
ABTX	Ablene, Hawle	19.16	304	Iamb	Iamb	11 30 45.4	
ABTX	Ablene, Hawle	19.16	304	P	P	11 30 42.4	+0.4
M44A	Midewin, Midew	19.16	343	Iamb	Iamb	11 31 01.1	
AAM	Ann Arbor	19.22	353	P	Pn	11 30 43.9	+0.4
L58A	Harry Jones Me	19.24	11	P	Pn	11 30 44.4	+0.7
WVNY	West Valley, N	19.25	5	Iamb	Iamb	11 30 48.3	
ROSC	El Riosol	19.25	160	LR	LR	11 38 19.1	
T35A	Sooner Cattle	19.31	319	Iamb	Iamb	11 30 50.2	
L46A	Eue Claire	19.35	347	Iamb	Iamb	11 31 03.2	
M62A	Hamden	19.35	18	P	P	11 30 43.5	-0.5
BINY	Binghamton	19.37	11	Iamb	Iamb	11 31 04.1	
BINY	Binghamton	19.37	11	P	Pn	11 30 45.6	+0.3
MOIG	Morelia	19.37	263	P	Pn	11 30 46.4	+0.7
K54A	Basilliko Farm,	19.45	4	P	P	11 30 46.0	+1.0
N41A	Harden Midland	19.45	336	Iamb	Iamb	11 30 56.0	
K51A	Iona Station	19.50	358	P	P	11 30 46.5	+0.9
WMOK	Wichita Mounta	19.52	310	P	P	11 30 45.5	-0.4
L60A	Shokan	19.52	15	P	Pn	11 30 47.5	+0.4
L59A	Watson	19.54	13	Iamb	Iamb	11 30 48.9	
L59A	Watson	19.54	13	P	Pn	11 30 47.5	+0.2
K52A	Tilsonburg	19.54	0	P	P	11 30 46.8	+0.7
YOTC	Yotoco, Valle	19.55	167	eP	P	11 30 42.5	-4.0
M63A	Gales Ferry	19.57	20	P	Pn	11 30 47.8	+0.2
K50A	Casco	19.60	356	Iamb	Iamb	11 30 59.6	
K50A	Casco	19.60	356	P	P	11 30 48.1	+0.1
K55A	Perry	19.61	6	P	Pn	11 30 48.1	-0.2
CHIC	Chingaza	19.64	159	eP	Pn	11 30 49.5	+0.4
K56A	Middlesex	19.66	7	P	Pn	11 30 48.8	-0.1
K47A	Vermontville	19.76	351	P	P	11 30 48.9	+0.5
K48A	Perry	19.77	353	P	P	11 30 49.0	+0.5
K57A	Scipio Center	19.80	9	P	P	11 30 50.0	+1.1
L44A	Lake County Fo	19.87	344	Iamb	Iamb	11 30 57.7	
L44A	Lake County Fo	19.87	344	P	P	11 30 50.4	+0.8
L61A	Hillsdale 1, H	19.88	16	P	P	11 30 50.8	+1.1
ORTC	Ortega, Tolima	19.88	164	eP	Pn	11 30 52.3	+0.7
K46A	Dorr	19.90	349	P	P	11 30 50.1	+0.1
K58A	Earlville	19.98	11	P	P	11 30 51.8	+1.0
J52A	Paris	20.00	1	P	Pn	11 30 52.6	-0.2
MEDO	Medina	20.02	5	Iamb	Iamb	11 30 56.4	
PCRV	Puerto La Cruz	20.09	127	P	P	11 30 51.6	-0.6
J54A	Appleton	20.11	4	Iamb	Iamb	11 30 57.0	
ZAIG	Zacatecas	20.12	273	P	Iamb	11 30 54.1	+1.2
L63A	North Scituate	20.12	20	P	P	11 30 53.4	+1.0
PLCV	Puerto La Cruz	20.13	127	P	P	11 30 51.6	-1.0
K59A	Cooperstown	20.14	13	P	Pn	11 30 54.0	-0.4
J55A	Hilton	20.17	6	Iamb	Iamb	11 31 00.9	
J55A	Hilton	20.17	6	P	P	11 30 53.2	+0.3
BRYW	Bryant College	20.20	20	P	Iamb	11 30 54.4	+1.2
K60A	Five Rivers En	20.20	15	P	P	11 30 54.2	+1.0
L42A	Oliver, Polo	20.20	340	Iamb	Iamb	11 30 55.0	
J48A	Bridge Port	20.22	354	P	P	11 30 52.8	-0.6
J48A	Bridge Port	20.22	354	P	P	11 30 53.7	+0.3
J49A	Marlette	20.22	355	P	P	11 30 53.9	+0.5
QUA2	Belchertown	20.28	18	Iamb	Iamb	11 30 56.2	
J47A	Summer	20.29	351	Iamb	Iamb	11 31 00.4	
J47A	Summer	20.29	351	P	P	11 30 54.5	+0.4
J56A	Wolcott	20.29	8	Iamb	Iamb	11 31 10.4	
J56A	Wolcott	20.29	8	P	P	11 30 55.0	+0.8
L61B	Northampton	20.35	17	P	P	11 30 55.7	+0.9
K61A	Williamstown	20.40	16	P	Pn	11 30 57.0	-0.5
K43A	Burlington	20.47	344	Iamb	Iamb	11 31 04.7	
J46A	Howard City	20.52	350	P	P	11 30 57.0	+0.3
J57A	Williamstown	20.55	10	P	P	11 30 57.2	+0.2
J57A	Williamstown	20.55	10	P	P	11 30 58.1	+1.1
I51A	Listowel	20.57	359	P	P	11 30 57.6	+0.4
I53A	Kortright Cn E	20.61	2	P	P	11 30 58.2	+0.6
J58A	Remsen	20.62	11	P	P	11 30 58.7	+0.9
K62A	Royalston	20.67	18	Iamb	Iamb	11 31 02.5	
K62A	Royalston	20.67	18	P	P	11 30 59.5	+1.2
L40A	Anamosa	20.77	337	Iamb	Iamb	11 31 08.2	
I49A	Point Hope	20.77	356	P	P	11 30 59.9	+0.4
I52A	Shelburne	20.84	1	P	P	11 31 00.8	+0.6
KSU1	Kansas State U	20.85	323	P	P	11 31 00.2	-0.1

J59A	Piesco	20.87	13	Iamb	Iamb	11 31 04.7	
J59A	Piesco	20.87	13	P	P	11 31 01.6	+1.1
K63A	Dunstable	20.90	19	P	P	11 31 01.8	+1.1
J60A	Lant Hill Farm	20.90	15	P	Pn	11 31 02.6	-0.7
I58A	Old Forge	21.00	12	P	P	11 31 03.1	+1.2
I47A	Gladwin	21.02	352	Iamb	Iamb	11 31 07.7	
I47A	Gladwin	21.02	352	P	P	11 31 02.5	+0.4
I46A	Reed City	21.07	350	P	P	11 31 03.1	+0.4
I48A	Sherman Twp	21.09	354	P	P	11 31 03.9	+1.0
I57A	Carthage	21.12	10	P	P	11 31 03.8	+0.6
I55A	Frankford	21.13	6	P	P	11 31 03.9	+0.7
PCON	Cinc Dios	21.15	168	eP	P	11 31 06.3	+2.0
JFWS	Jewell Farm	21.21	340	P	P	11 31 04.3	+0.1
I45A	Fountain	21.29	349	P	P	11 31 06.0	+1.0
SOTA	Rioblanco	21.30	169	eP	P	11 31 07.2	+1.4
BBAC	Balboa, Cauca	21.30	170	eP	P	11 31 07.1	+1.5
J62A	Henniker	21.31	18	P	P	11 31 06.5	+1.3
I59A	Olmsteadville	21.32	14	P	P	11 31 06.5	+1.2
SCIA	State Center	21.39	334	Iamb	Iamb	11 31 11.5	
H53A	Goldbeon	21.41	4	P	P	11 31 07.0	+0.7
H52A	Wyevale	21.42	2	P	P	11 31 06.9	+0.6
DELO	Deloro Mine	21.43	6	Iamb	Iamb	11 31 11.2	
TXAR	Lajitas Array	21.46	291	P	P	11 31 07.4	+0.4
TXAR	Lajitas Array	21.46	291	P	P	11 34 55.4	-10
TX31	Lajitas Ar, Si	21.46	291	Iamb	Iamb	11 31 11.4	
TX32	Lajitas Array	21.46	291	P	P	11 31 07.2	+0.1
GARC	Garzon, Huila	21.48	166	eP	P	11 31 08.7	+1.2
I60A	Shoreham	21.50	15	P	P	11 31 08.7	+1.5
H55A	Tweed	21.51	7	P	P	11 31 07.7	+0.4
H47A	Mio	21.55	353	P	P	11 31 08.9	+1.0
H48A	Harrisville	21.57	355	P	P	11 31 08.1	+0.1
SADO	Sadowa	21.57	3	P	P	11 31 08.4	+0.4
SADO	Sadowa	21.57	3	LR	LR	11 40 18.0	
J63A	Stratford	21.57	19	P	P	11 31 08.9	+0.9
HNH	Hanover	21.62	17	Iamb	Iamb	11 31 11.2	
H56A	Elgin	21.67	9	P	P	11 31 09.7	+0.6
H57A	Richville	21.67	10	P	P	11 31 09.9	+0.8
AMTX	Amarillo	21.67	307	P	P	11 31 09.9	+0.6
I42A	Draeger Farm,	21.73	344	P	P	11 31 09.7	-0.1
GLMI	Grayling	21.82	353	P	P	11 31 11.6	+0.8
H45A	Grayling	21.83	350	P	P	11 31 10.9	+0.2
H58A	Gabriels	21.85	13	P	P	11 31 11.9	+0.8
I61A	Orcoro, Fairl	21.85	17	P	P	11 31 12.8	+1.8
MACC	Macarena, Meta	21.95	161	eP	P	11 31 12.7	+0.3
G53A	Haliburton	21.95	4	P	P	11 31 12.7	+0.5
LONY	Lake Ozonia	21.97	12	Iamb	Iamb	11 31 16.8	
LONY	Lake Ozonia	21.97	12	P	P	11 31 13.1	+0.8
PLVO	Plevna	22.00	7	Iamb	Iamb	11 31 16.2	
FLOC	Florenca	22.03	166	eP	P	11 31 14.0	+0.8
FLOC	Florenca	22.03	166	P	P	11 31 14.3	+1.1
G47A	Hillman	22.09	354	P	P	11 31 14.2	+0.7
VT1	Waterbury	22.09	15	Iamb	Iamb	11 31 24.8	
MSTX	Muleshoe	22.10	304	P	P	11 31 14.3	+0.3
H59A	Cadyville	22.17	13	P	P	11 31 15.4	+0.9
G45A	Suttons Bay	22.17	351	P	P	11 31 14.7	+0.2
I40A	Norwalk	22.21	341	Iamb	Iamb	11 31 17.5	
LBNH	Lisbon	22.21	17	P	P	11 31 14.4	-0.6
G55A	Celabojie	22.26	7	P	P	11 31 16.5	+1.1
G54A	Lake Saint Pet	22.26	5	P	P	11 31 15.7	+0.2
H60A	Morristown	22.32	15	P	P	11 31 17.7	+1.7
G46A	Petoskey	22.34	352	P	P	11 31 16.6	+0.4
G57A	Newington	22.36	11	P	P	11 31 17.1	+0.6
FRNY	Flat Rock	22.37	13	P	P	11 31 16.8	+0.2
I63A	Otisfield	22.42	19	Iamb	Iamb	11 31 19.4	
I63A	Otisfield	22.42	19	P	P	11 31 18.6	+1.4
CBKS	Cedar Bluff	22.48	318	P	P	11 31 17.8	-0.1
CBKS	Cedar Bluff	22.48	318	P	P	11 31 18.4	+0.5
H61A	Lyndonville	22.48	17	P	P	11 31 19.4	+1.6
F49A	Sandfield	22.55	358	P	P	11 31 18.0	-0.5
G58A	Ormsdown	22.58	12	P	P	11 31 19.5	+0.7
F52A	Sundridge	22.59	3	P	P	11 31 18.9	0.0
F48A	Evansville	22.64	357	P	P	11 31 19.2	-0.3
G59A	Clarenceville	22.70	14	P	P	11 31 20.8	+0.8
F51A	Arnstein	22.70	1	P	P	11 31 20.1	0.0
F45A	Clarenceville	22.78	351	P	P	11 31 21.3	+0.3
F55A	Otter Lake	22.87	8	P	P	11 31 23.1	+1.2
HPIG	HPIG	22.89	285	Iamb	Iamb	11 31 25.6	
G60A	Masonville	22.91	15	P	P	11 31 21.3	-1.0
OTAV	Otavallo	22.91	174	eP	P	11 31 24.2	+1.2
OTAV	Otavallo	22.91	174	P	P	11 31 24.1	+1.2
OTAV	Otavallo	22.91	174	eP	P	11 31 24.4	+1.3
E52A	Mattawa	23.11	4	P	P	11 31 24.2	-0.2
E48A	Lockeey	23.27	357	P	P	11 31 26.0	0.0
E53A	Duomoine, Ponti	23.27	5	P	P	11 31 26.3	+0.3
G61A	St-Isidore-de-	23.29	17	P	P	11 31 27.4	+1.2
E47A	Iron Bridge	23.31	356	P	P	11 31 26.5	+0.1
E51A	G1948 Merrick	23.32	2</				

2014 MAR

Table with columns: PDMC1, Parker Dam, Lak, 31.20 298, P, P, 11 32 39.3 +1.5, ...

Table with columns: SALV, Santo Antonio, 45.91 145, eP, P, 11 34 41.8 +0.3, ...

Table with columns: MORC, Moravsky Berou, 77.74 41, Iamb, Iamb, 11 38 17.5, ...

IDC 09 11:30:57.9, 1.7, 0.33S, 123.03E, h76km, 16km, mb3.6/9, ...

Code Station Name A* AZ' Phase ID S h m s ISC

Table with columns: Code, Station Name, A* AZ', Phase, ID, S, h, m, s, ISC

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Alice Springs, Chiang Mai Arr, Usuriysk Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Batumi, Borcka, Bademkaya, Demirkent, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Valsamata, Anninata, Fiskardo, etc.

DDA 09 11:31:32.8, 41.54N, 43.64E, h7km, 4km, ML3.5
NSSP 09 11:31:32.8, 41.47N, 43.72E, h7km, Ms3.3

KORR Kora 1.62 11 i/Pg Pn 11 32 05.2 +0.1
KORR Kora 1.62 11 e/Sg Pn 11 32 27.6 +1.4

CNRM 09 11:42:46.7, 33.73N, 4.33W, h0km
INMG 09 11:42:47.9, 1.3, 33.69N, 4.80W, h0km, ML2.3, Error

MOS 09 11:31:34.4, 0.0, 41.49N, 43.68E, h18km
ISC 09 11:31:34.2, 0.0, 41.50N, 43.66E, 0.01, h6km, 7km, n106, s1919/177, 12C-6D, Turkey-Georgia-Armenia

KOPR Koprukoy-ERZUR 2.04 223 PN Pn 11 32 10.2 +1.1
GANJ Ganja 2.18 112 PN Pn 11 32 12.1 +1.1

MDD 09 11:42:48.4, 2.4, 33.72N, 4.72W, h0km, mb3.9/2, Error
SFS 09 11:42:49.0, 33.75N, 5.08W, ML3.6, SEFFROU (MARRUECOS)

border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Akhalkalaki, Bogdanovka, Kazreti, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Batumi, Borcka, Bademkaya, Demirkent, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Valsamata, Anninata, Fiskardo, etc.

THE 09 11:35:27.8, 38.28N, 20.39E, h10km, ML2.7/4, Error
ellipso: s-maj=0.9km s-min=0.3km az=247.0
ATH 09 11:35:27.6, 38.28N, 20.38E, h11km, 1km, ML2.5/4, Error

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Agtia Theki, Kefal, Kipouria, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DLFA Delphi, KALE Kalithea, TRIZ Trizonia, etc.

IDD 09 11:59:09.12.6, 37.31N; 72.23E, h166km, 22km, 3.4/13, mb1 3.4/20, mb1mx3.2/68, mbtmp3.9/20, Error ellipse: s-maj=20.0km s-min=14.1km az=180.0

NEIC 09 11:59:12.0.1.7, 37.52N; 0.04:72.19E; 0.09, h187km, 5km, mb4, 1-14, Error ellipse: s-maj=10.1km s-min=6.5km az=83.0

NNC 09 11:59:18.4.8.3, 38.04N; 72.26E, h217km, 96km, mb3.1, mp4.0, Error ellipse: s-maj=93.1km s-min=51.5km az=175.0

ISC 09 11:59:11.8.0.5, 37.46N; 0.04:72.19E; 0.05, h200km, n92, +19.971.06, mb3.9/17.2C-1D Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GARM Garm, CHGR Chuyangaron, BTX Batken, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOSI Joshimath, GEYT Alibeck, GYA0B ALIBECK ARRAY, etc.

NEIC 09 12:15:20.9.1.0, 9.160S; 0.010:158.99E; 0.08, h6km, 5km, mb4, 7/20, Error ellipse: s-maj=11.7km s-min=1.4km az=91.0

IDD 09 12:15:20.0.1.0, 9.12S; 158.97E, h0km, mb4, 1/7, Ms1 3.7/1, ms1mx2.9/28, Error ellipse: s-maj=23.8km s-min=18.7km az=54.0

ISC 09 12:15:21.3.0.6, 9.15S; 0.08:158.93E; 0.09, h10km, n44, +0.81/38, mb4.5/14, 2C, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

INET 09 12:16:04.1, 12.32N; 87.57W, h52km, ML3.6 SNET 09 12:16:02.9, 2.4, 12.48N; 87.58W, h83km, 255km, ML3.0

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

BUII 09 12:16:30.2.0.0, 5.73S; 147.90E, h245km, mb4, 9/49, mb5.2/76

MOS 09 12:16:31.8.0.8, 5.51S; 147.55E, h233km, mb5.1/24, Error ellipse: s-maj=10.6km s-min=5.9km az=100.8

IDD 09 12:16:32.0.7, 5.58S; 147.64E, h232km, 6km, mb4, 6/28, mb1.4/735, mb1mx4.6/44, mbtmp5.2/35, Error ellipse: s-maj=9.2km s-min=5.8km az=97.0

DJA 09 12:16:33.0.4.0, 5.53S; 147.95E, h229km, 5km, M5, 1/42, mb5.0/42, mb5.4/12, MLv6.52, Mw(MB)4.8/12

NEIC 09 12:16:34.0.2, 5.55S; 0.06:147.63E; 0.07, h244km, 3km, mb5.0/174, Error ellipse: s-maj=10.8km s-min=8.6km az=103.0

GCMT 09 12:16:34.0.3, 5.60S; 0.02:147.59E; 0.02, h232km, 2km, MW5.1/93, Moment Tensor Solution, s50, c58; s93, c127; Duration: 0 Moment tensor: Scale 10^19N; Mw, 5.22+-15; Mw-4.92+-15; Mw-3.32+-18; Mw-0.49+-16; Mw-0.96+-20; Mw-0.68+-18; Best double couple: M5.22200x10^16

NP1: s289.00000; -844.00000; 1.02.00000. NP2: s54.00000; -847.00000; 1.79.00000. Principal axes: T 5.3380, Plg82.0000, Azm295.0000; N -0.2380, Plg8.0000, Azm101.0000; P -5.1060, Plg2.0000, Azm191.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 09 12:16:32.6.0.4, 5.55S; 0.04:147.60E; 0.04, h32km, 3km, h235km; p-P, n737, +1807726, mb5.0/156, 28C-3D, Eastern New Guinea region

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

M51A	Elyria	145.09	20	P	PKPab	14 01 47.0	0.0
HNN	Hanover	145.10	7		PKPdf	14 01 47.8	+0.4
PBMO	Poplar Bluff	145.10	34		PKPbf	14 01 46.8	-0.4
L54A	Girard	145.14	17	P	PKPbf	14 01 47.6	+0.2
M52A	Sinclairville	145.15	16	P	PKPdf	14 01 47.6	+0.1
M52A	Chesterland	145.18	19	P	PKPdf	14 01 47.6	+0.1
M52A	Chesterland	145.18	19	P	PKPdf	14 01 47.7	+0.2
W41B	Gary Mavity, V	145.18	38		PKPbc	14 01 46.6	-0.8
W41B	Gary Mavity, V	145.18	38		PKPbc	14 01 47.4	-0.1
WVNY	West Valley N	145.18	15		PKPdf	14 01 47.5	0.0
LCLAR	Lake Charles	145.20	36		PKPbc	14 01 47.4	-0.1
K56A	Middlesex	145.21	13	P	PKPdf	14 01 47.8	+0.2
BLO	Bloomington	145.22	27		PKIKP	14 01 47.6	0.0
BLO	Bloomington	145.22	27		PKPab	14 01 47.6	0.0
ACCN	Airondack Com	145.24	9		PKPdf	14 01 47.7	+0.1
N50A	Nevada	145.24	22	P	PKPdf	14 01 48.0	+0.3
X40A	Basin Creek Fa	145.27	39		PKPab	14 01 48.0	0.0
X40A	Basin Creek Fa	145.27	39	P	PKPab	14 01 48.9	+1.0
O49A	Covington	145.29	24		PKPdf	14 01 47.7	-0.1
O49A	Covington	145.29	24	P	PKPdf	14 01 48.0	+0.2
K57A	Scioto Center	145.36	12	P	PKPab	14 01 48.3	+0.3
UALR	University of	145.38	38		PKPdf	14 01 47.9	-0.2
N51A	Ashland	145.39	21	P	PKPbc	14 01 48.0	0.0
N51A	Ashland	145.39	21	P	PKPab	14 01 48.2	0.0
J60A	Lant Hill Farm	145.41	8	P	PKPab	14 01 48.6	+0.5
J61A	Chester	145.43	7	P	PKPab	14 01 49.2	+1.0
L55A	Hinsdale	145.43	15	P	PKPab	14 01 48.6	+0.2
ALLY	Alegheny Colle	145.45	18		PKPbc	14 01 48.1	0.0
P48A	Milroy	145.46	26	P	PKPbf	14 01 47.9	-0.2
P48A	Milroy	145.46	26	P	PKPab	14 01 48.4	-0.1
M53A	WI Miller and	145.48	18	P	PKPab	14 01 48.8	+0.3
K58A	Earlville	145.50	11	P	PKPab	14 01 48.6	+0.1
K58A	Earlville	145.50	11	P	PKPab	14 01 49.1	+0.5
PARMO	Parma	145.56	33		PKPbc	14 01 48.8	+0.3
O50A	Cable	145.61	23	P	PKPab	14 01 49.3	+0.2
WLAR	White Oak Lake	145.63	41		PKPab	14 01 49.4	+0.2
J62A	Henniker	145.63	6	P	PKPab	14 01 49.7	+0.7
K59A	Cooperstown	145.64	10	P	PKPab	14 01 49.1	+0.1
USIN	University of	145.65	30		PKPbc	14 01 48.8	-0.1
J63A	Stratford	145.65	5	P	PKPab	14 01 49.6	+0.6
L56A	Greenwood	145.69	14	P	PKPbc	14 01 48.9	0.0
L56A	Greenwood	145.69	14	P	PKPab	14 01 49.3	0.0
P49A	Miami Univ. Ec	145.70	25	P	PKPab	14 01 49.2	-0.2
N52A	McGinn's Farm	145.72	20	P	PKPab	14 01 49.4	0.0
M54A	Oil Creek Stat	145.72	17	P	PKPab	14 01 49.5	+0.1
M54A	Oil Creek Stat	145.72	17	P	PKPab	14 01 49.5	+0.1
NATX	Nacodoches	145.75	45	P	PKIKP	14 01 52.9	0.0
X47A	North Vernon	145.77	26	P	PKPab	14 01 49.6	0.0
ACSO	Alum Creek Sta	145.78	22	P	PKPab	14 01 49.5	-0.1
ACSO	Alum Creek Sta	145.78	22	P	PKPab	14 01 49.6	0.0
K60A	Five Rivers En	145.96	9	P	PKPab	14 01 50.7	+0.5
BINY	Binghamton	145.98	12	P	PKPbc	14 01 50.2	-0.2
BINY	Binghamton	145.98	12	P	PKPab	14 01 50.3	-0.1
L57A	Andrews Acres	145.99	13	P	PKPab	14 01 50.3	-0.1
O51A	Pataskala	145.99	22	P	PKPab	14 01 50.3	-0.2
K61A	Williamstown	146.00	8	P	PKPab	14 01 51.1	+0.7
P50A	Jamestown	146.00	24	P	PKPbc	14 01 50.0	-0.1
N53A	Lisbon	146.01	19	P	PKPbc	14 01 50.4	-0.1
N53A	Lisbon	146.01	19	P	PKPab	14 01 50.5	+0.1
M55A	Ridgway	146.01	16	P	PKPbc	14 01 50.3	-0.2
M55A	Ridgway	146.01	16	P	PKPab	14 01 50.3	-0.2
Q49A	Aurora	146.07	25	P	PKPbc	14 01 50.4	+0.3
Z41	Richard	146.08	41	P	PKPab	14 01 51.5	+0.5
WCI	Wyandotte Cave	146.09	28	PKP2	PKPbc	14 01 50.3	+0.1
WCI	Wyandotte Cave	146.09	28	PKPbc	PKPab	14 01 50.3	+0.1
WCI	Wyandotte Cave	146.09	28	PKPbc	PKPab	14 01 50.6	-0.3
N54A	Moraine State	146.13	18	PKPbc	PKPab	14 01 50.5	+0.3
N54A	Moraine State	146.13	18	P	PKPab	14 01 50.8	-0.2
K62A	Royalston	146.14	7	P	PKPab	14 01 51.3	+0.4
M56A	Emporium	146.15	15	PKPbc	PKPab	14 01 50.4	+0.1
M56A	Emporium	146.15	15	P	PKPab	14 01 50.8	-0.2
L58A	Harry Jones	146.16	12	P	PKPab	14 01 51.1	+0.1
L59A	Walton	146.17	11	PKPbc	PKPbc	14 01 50.7	+0.3
L59A	Walton	146.17	11	P	PKPab	14 01 51.1	0.0
K63A	Dunstable	146.19	6	P	PKPab	14 01 51.3	+0.2
O52A	Adamsville	146.29	21	P	PKPbc	14 01 50.6	-0.1
O52A	Adamsville	146.29	21	P	PKPab	14 01 51.4	-0.2
L61B	Northampton	146.29	8	P	PKPab	14 01 51.1	-0.4
HRV	Adam Dzewonski	146.37	6	PKP2	PKPab	14 01 51.6	-0.2
HRV	Adam Dzewonski	146.37	6	P	PKPab	14 01 51.6	-0.2
HRV	Adam Dzewonski	146.37	6	P	PKPab	14 01 51.8	0.0
OS3A	New Philadelphia	146.38	20	P	PKPab	14 01 51.5	-0.5
P51A	Williamsport	146.40	23	P	PKPbc	14 01 51.0	-0.1
P51A	Williamsport	146.40	23	P	PKPab	14 01 51.3	-0.2
L61A	Hillsdale 1, H	146.42	9	P	PKPab	14 01 51.9	-0.1
X43A	Marvell	146.44	37	P	PKPbc	14 01 51.0	-0.3
X43A	Marvell	146.44	37	P	PKPab	14 01 51.9	-0.5
L60A	Shokan	146.45	10	P	PKPab	14 01 52.2	-0.2
R48A	Shelbyville	146.54	26	P	PKPbc	14 01 51.6	0.0
R48A	Shelbyville	146.54	26	P	PKPab	14 01 52.0	-0.6
M57A	Sunshine Farm	146.55	14	PKPbc	PKPbc	14 01 51.7	+0.3
M57A	Sunshine Farm	146.55	14	P	PKPab	14 01 52.3	-0.3
O50A	Georgetown	146.58	24	P	PKPbc	14 01 51.9	+0.3
N55A	Marion Center	146.59	17	P	PKPbc	14 01 52.0	+0.4
P52A	Corning	146.61	22	P	PKPbc	14 01 51.9	+0.2
N56A	West Decatur	146.65	16	P	PKPab	14 01 52.4	-0.6
M58A	Price's Panora	146.67	13	P	PKPab	14 01 52.5	-0.5
Q51A	Peebles	146.68	24	P	PKPbc	14 01 51.1	-0.8
Q51A	Peebles	146.68	24	P	PKPab	14 01 52.3	+0.4
T47A	Sharon Grove	146.69	30		PKPbc	14 01 51.9	0.0
O54A	Avella	146.72	19	PKPbc	PKPab	14 01 52.6	+0.6
O54A	Avella	146.72	19	P	PKPab	14 01 52.8	-0.4
M59A	Waymart	146.73	12	P	PKPab	14 01 52.9	-0.4

KSCST	Kent School, K	146.89	9		PKPbc	14 01 53.0	+0.6
S49A	Springfield	146.91	27	P	PKPbc	14 01 52.9	+0.4
R50A	Paris	146.91	25	P	PKPbc	14 01 52.4	-0.2
R50A	Paris	146.91	25	P	PKPbc	14 01 52.8	+0.2
W45A	Hickory Valley	146.97	35		PKPbc	14 01 52.7	-0.2
WVT	Waverly	146.98	32	PKP2	PKPbc	14 01 52.9	0.0
WVT	Waverly	146.98	32	P	PKPbc	14 01 52.9	0.0
WVT	Waverly	146.98	32	P	PKPbc	14 01 53.3	+0.5
L63A	North Scituate	147.00	6	P	PKPab	14 01 53.5	-0.8
P53A	Whipple	147.01	21	P	PKPbc	14 01 53.0	+0.2
P53A	Whipple	147.01	21	P	PKPbc	14 01 53.5	+0.7
SSPA	Standing Stone	147.02	15	P	PKPbc	14 01 52.9	+0.1
SSPA	Standing Stone	147.02	15	P	PKPbc	14 01 53.4	+0.6
O55A	Ligonier	147.03	17	P	PKPbc	14 01 53.5	+0.6
M60A	Port Jeris	147.09	11	P	PKPab	14 01 53.9	-0.8
N58A	Sunbury	147.12	14	P	PKPbc	14 01 53.3	+0.2
N58A	Sunbury	147.12	14	P	PKPbc	14 01 53.7	+0.6
Q52A	Bidwell	147.15	22	P	PKPbc	14 01 53.6	+0.4
O56A	Blue Knob Stat	147.18	16	P	PKPbc	14 01 53.2	-0.1
O56A	Blue Knob Stat	147.18	16	P	PKPbc	14 01 53.9	+0.6
R51A	Hillsboro	147.21	25	P	PKPab	14 01 54.6	-0.6
P54A	Buzzards	147.21	19	P	PKPbc	14 01 54.1	+0.7
M61A	Granite Spring	147.25	9	P	PKPbc	14 01 54.2	+0.8
N59A	State Game Lan	147.26	12	P	PKPbc	14 01 53.8	+0.3
N59A	State Game Lan	147.26	12	P	PKPbc	14 01 54.4	+0.9
OXF	Oxford	147.31	36	PKP2	PKPbc	14 01 53.8	0.0
OXF	Oxford	147.31	36	P	PKPbc	14 01 53.8	0.0
OXF	Oxford	147.31	36	P	PKPbc	14 01 54.3	+0.5
ODNJ	Ogdensburg	147.33	11		PKPbc	14 01 54.1	+0.5
T49A	Edmonton	147.35	28	P	PKPbc	14 01 53.9	0.0
T49A	Edmonton	147.35	28	P	PKPbc	14 01 54.2	+0.4
M64A	Tiverton	147.35	6	P	PKPbc	14 01 54.4	+0.7
MCWV	Mont Chateau	147.37	19	P	PKPbc	14 01 54.1	+0.3
MCWV	Mont Chateau	147.37	19	P	PKPbc	14 01 54.6	+0.8
SS0A	Richmond	147.39	26	P	PKPbc	14 01 54.2	+0.3
N60A	Cedar Hill Far	147.44	11	P	PKPbc	14 01 54.7	+0.8
O57A	Ambersom	147.49	15	P	PKPbc	14 01 54.7	+0.6
P55A	Reedsville	147.51	19	P	PKPbc	14 01 54.8	+0.5
Q53A	Leroy	147.52	21	P	PKPbc	14 01 54.9	+0.7
PAL	Palisades	147.52	10	PKP2	PKPbc	14 01 54.7	+0.5
PAL	Palisades	147.52	10	P	PKPbc	14 01 54.7	+0.5
PAL	Palisades	147.52	10	P	PKPbc	14 01 54.9	+0.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HJA Humahuaca, YJA Yavi, AZAP Zapla, LVC Limon Verde, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIPP Brgy, Tapao, APYP Conner, SMPP San Manuel, etc.

Table with columns: MKAR Makanchi Array, ASAR Alice Springs, KURBS Kurchatov Arra. Includes details like 42.32 322 P, 43.34 161 P, 46.41 325 P.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, TIWZ Tintock, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMA 09 14:42:46.6, JJI Ishigaki jima, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EOS1 EOS1, ENA Nanau, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TAP 09 14:43:15.0, EOS1 EOS1, ENA Nanau, etc.

Table with columns: YHNB Techi, TDCB baz=306, TDCB baz=282, NSK Sanguang, etc. Includes details like 1.15 283 eP, 1.16 306 P, 1.16 258 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BAR Barrett, WUAZ Wupatki, SHPR Shee Range, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like NOR, KBS, RES, NIL, AB31, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like F1A1, FINES, FINES, FINES, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like PSAB1, PSAD2, PSAA1, PSAB3, etc.

WTTA	comp=Z,3.8nm,0.6s	epP	pP	15 25 51.3 +0.4	
D50A	comp=Z,1.1nm,0.9s G1974 Best Tow	81.22 30	P	P	15 25 26.3 -0.7
REUTA	Reutte	81.25 331	epP	pP	15 25 51.7 +0.3
MOTA	Moosalm	81.25 331	epCpP	PcP	15 25 29.8 -3.5
MOTA	comp=Z,1.8nm,1.0s,SNR=6.5		epP	pP	15 25 51.7 +0.1
VLDQ	Val d'Or	81.25 28	P	P	15 25 26.0 -1.1
VLDQ	comp=Z,1.2nm,0.8s		IAMB	IAMB	15 25 51.1
F48A	Evansville	81.31 32	P	P	15 25 27.2 -0.3
SQTA	Sankt Quirin	81.31 331	epCpP	PcP	15 25 29.3 -4.3
SQTA	comp=Z,4.1nm,0.5s		epP	pP	15 25 52.2 +0.3
RAYN	Ar Rayn	81.32 294	P	P	15 25 27.3 -0.7
RAYN	comp=Z,4.0nm,0.9s		pmax	pmax	
RAYN	Ar Rayn	81.32 294	P	P	15 25 27.3 -0.7
G47A	Hillman	81.37 33	P	P	15 25 27.8 0.0
D51A	Lot 18 Range I	81.45 29	P	P	15 25 28.0 -0.3
STAL	STALIGIAL	81.58 329	P	P	15 25 28.7 -0.2
STAL			pP	pP	15 25 52.6 -0.5
STAL			IAMB	IAMB	15 25 53.7
F49A	Sandfield	81.59 32	P	P	15 25 28.7 -0.3
FETA	Feichten	81.66 331	epCpP	PcP	15 25 32.6 -2.5
FETA	comp=Z,4.3nm,1.0s		epP	pP	15 25 54.2 +0.4
DAVA	Damuels	81.73 331	epCpP	PcP	15 25 32.2 -3.2
DAVA	comp=Z,4.4nm,0.5s		iP	pP	15 25 54.8 +0.8
ECH	Echery	81.84 334	P	P	15 25 30.4 +0.2
ECH			pP	pP	15 25 54.2 -0.3
ECH			IAMB	IAMB	15 25 55.6
E51A	G1948 Merrick	81.89 30	P	P	15 25 30.0 -0.5
N41A	Harden Midland	81.94 40	P	P	15 25 30.7 -0.2
N41A			pP	pP	15 25 55.6 +0.6
N41A			IAMB	IAMB	15 25 57.2
H48A	Harrisville	81.97 33	P	P	15 25 31.3 +0.3
D53A	Lac Vacive, Po	82.05 28	P	P	15 25 31.0 -0.4
D53A	Lac Vacive, Po	82.05 28	P	P	15 25 31.2 -0.2
PDG	Podgorica	82.08 323	iP	P	15 25 34.6 +3.0
L44A	Lake County Fo	82.11 37	P	P	15 25 32.1 +0.4
CTI	Castel Tesino	82.15 330	P	P	15 25 32.7 +0.7
CTI			pmax	pmax	
CTI	Castel Tesino	82.15 330	P	P	15 25 32.7 +0.7
F51A	Arnstein	82.25 30	P	P	15 25 31.9 -0.5
D54A	Lac Fusel, La	82.25 28	P	P	15 25 32.5 -0.4
E52A	Mattawa	82.40 29	P	P	15 25 32.4 -0.8
WMOK	Wichita Mounta	82.48 49	P	P	15 25 33.9 0.0
WMOK			pmax	pmax	
WMOK	Wichita Mounta	82.48 49	P	P	15 25 33.9 0.0
WMOK	Wichita Mounta	82.48 49	P	P	15 25 34.3 +0.4
F52A	Sundridge	82.58 30	P	P	15 25 34.0 -0.1
TUE	Stuetta	82.61 331	P	P	15 25 35.4 +0.8
TUE			IAMB	IAMB	15 25 39.6
E53A	Dumoine, Ponti	82.67 29	P	P	15 25 34.3 -0.3
M44A	Midewin, Midew	82.68 38	P	P	15 25 34.8 0.0
M44A			IAMB	IAMB	15 25 35.6
HDIL	Hopedale	82.78 39	P	P	15 25 35.2 -0.1
HDIL			IAMB	IAMB	15 25 36.2
HDIL	Hopedale	82.78 39	P	P	15 25 35.7 +0.4
I49A	Point Hope	82.80 33	P	P	15 25 36.1 +0.8
FNO	Franklin	82.84 47	P	P	15 25 36.4 +0.7
D55A	Sainte-Anne-du	82.86 27	P	P	15 25 35.4 -0.2
L46A	Eue Claire	82.95 36	P	P	15 25 35.9 -0.2
L46A			IAMB	IAMB	15 25 01.3
L46A	Eue Claire	82.95 36	P	P	15 25 36.3 +0.2
J48A	Bridge Port	82.95 34	P	P	15 25 36.9 +0.8
K47A	Vermontville	82.96 35	P	P	15 25 36.4 +0.2
D56A	ZEC Mazanza, M	83.07 27	P	P	15 25 36.8 +0.1
S39A	Solivar	83.10 43	P	P	15 25 36.4 -0.6
X34A	Smith Ranch, M	83.10 48	P	P	15 25 37.8 +0.7
X34A			IAMB	IAMB	15 25 38.9
TUL1	Leonard	83.20 46	P	P	15 25 37.8 +0.3
TUL1			IAMB	IAMB	15 25 38.8
TUL1	Leonard	83.20 46	P	P	15 25 38.1 +0.6
K48A	Perry	83.22 35	P	P	15 25 38.2 +0.7
D57A	Chemin Vers le	83.38 26	P	P	15 25 38.3 0.0
G53A	Hallburton	83.41 30	P	P	15 25 38.1 -0.4
E56A	St. Veronique	83.42 27	P	P	15 25 38.4 -0.1
L47A	Sherwood	83.45 36	P	P	15 25 38.7 0.0
U38A	Gravette	83.52 45	P	P	15 25 39.0 -0.2
ABTX	Ablene, Hawle	83.57 51	P	P	15 25 41.5 +2.0
I51A	Listowel	83.63 32	P	P	15 25 40.1 +0.5
TX31	Lajitas Ar. Si	83.64 55	P	P	15 25 40.3 +0.3
TX31			IAMB	IAMB	15 25 41.8
TX32	Lajitas Aray	83.64 55	P	P	15 25 40.6 +0.6
TX32			IAMB	IAMB	15 25 41.8
TXAR	Lajitas Aray	83.64 55	P	P	15 25 40.9 +0.8
TXAR	Lajitas Aray	83.64 55	P	P	15 25 40.9 +0.8
L48A	N Adams	83.80 35	P	P	15 25 40.6 +0.5
E57A	Chemin Saint G	83.83 27	P	P	15 25 40.1 +0.5
CCM	Cathedral Cave	83.84 42	P	P	15 25 40.8 +0.1
CCM			pmax	pmax	
CCM	Cathedral Cave	83.84 42	P	P	15 25 40.8 +0.1
CCM			IAMB	IAMB	15 25 41.7
CCM	Cathedral Cave	83.84 42	P	P	15 25 41.1 +0.4
TRQ	Mont Tremblant	83.87 27	P	P	15 25 40.5 -0.3
HHAR	Hobbs	83.87 45	P	P	15 25 40.8 -0.3
SFIN	Lafayette	83.92 38	P	P	15 25 41.3 +0.2
G55A	Calabogie	83.98 29	P	P	15 25 40.7 -0.6
N47A	Urbana	84.13 37	P	P	15 25 41.7 -0.5
N47A			IAMB	IAMB	15 26 07.2
N47A	Urbana	84.13 37	P	P	15 25 42.0 -0.2
HPIG		84.14 58	P	P	15 25 43.4 +0.6
HPIG			IAMB	IAMB	15 25 44.5
E58A	La Victoria	84.15 26	P	P	15 25 42.3 +0.1

J52A	Paris	84.31 32	P	P	15 25 43.4 +0.3
D61A	St Aubert, Com	84.36 24	P	P	15 25 43.5 +0.3
U40A	St Yllville	84.37 44	P	IAMB	15 25 43.4 -0.2
U40A			IAMB	IAMB	15 25 44.4
U40A	Fellyville	84.37 44	P	P	15 25 43.6 +0.1
Z35A	Perchaven, San	84.37 49	P	P	15 25 43.4 -0.2
M49A	Liberty Center	84.38 35	P	P	15 25 43.5 +0.1
L50A	Kingsville	84.39 34	P	P	15 25 43.7 +0.2
D60A	Saint Jean D'O	84.40 24	P	P	15 25 43.3 -0.1
H55A	Tweed	84.42 29	P	P	15 25 43.5 -0.1
N48A	Decatur	84.44 36	P	P	15 25 43.8 0.0
P46A	Rosedale	84.49 38	P	IAMB	15 25 44.2 +0.1
P46A			IAMB	IAMB	15 26 11.7
K52A	Tiltsburg	84.61 32	P	P	15 25 44.8 +0.2
G57A	Newington	84.70 28	P	P	15 25 44.6 -0.4
E60A	Ste Agathe de	84.73 25	P	P	15 25 45.0 -0.1
N49A	Columbus Grove	84.75 36	pP	pP	15 25 45.4 +0.1
N49A			IAMB	IAMB	15 26 08.8 -0.8
N49A			IAMB	IAMB	15 26 11.2
N49A	Columbus Grove	84.75 36	P	P	15 25 45.7 +0.4
F59A	Saint Guillaume	84.77 26	P	P	15 25 45.7 +0.4
W39A	Magazine	84.79 45	P	P	15 25 46.0 +0.4
D62A	Allapont, All	84.80 23	P	P	15 25 45.6 +0.2
E61A	Lac Etchemin	84.96 24	P	P	15 25 46.3 0.0
G58A	Ormsdown	84.98 27	P	P	15 25 46.0 -0.3
JCT	Junction City	85.07 52	P	pmax	15 25 47.3 +0.1
JCT			pmax	pmax	
JCT	Junction City	85.07 52	P	IAMB	15 25 47.3 +0.1
JCT			IAMB	IAMB	15 25 48.4
JCT	Junction City	85.07 52	P	P	15 25 47.7 +0.5
S44A	Carbondale	85.08 41	P	IAMB	15 25 47.2 +0.2
S44A			IAMB	IAMB	15 25 48.3
FCAR	Ozark Folk Cen	85.10 44	P	P	15 25 47.0 -0.2
FCAR			IAMB	IAMB	15 25 47.9
F61A	St Evariste	85.22 25	P	P	15 25 48.4 +0.8
PBMO	Poplar Bluff	85.24 42	P	P	15 25 48.2 +0.3
PBMO			IAMB	IAMB	15 25 49.2
O49A	Covington	85.29 36	P	P	15 25 48.3 +0.3
N50A	Nevada	85.31 35	P	P	15 25 48.6 +0.4
M52A	Chesterland	85.40 34	P	IAMB	15 25 48.7 +0.1
M52A			IAMB	IAMB	15 25 49.5
M52A	Chesterland	85.40 34	P	P	15 25 49.0 +0.4
MIAR	Mount Ida	85.40 45	P	pmax	15 25 49.0 +0.3
MIAR			pmax	pmax	
MIAR	Mount Ida	85.40 45	P	IAMB	15 25 49.0 +0.3
MIAR			IAMB	IAMB	15 25 50.1
MIAR	Mount Ida	85.40 45	P	P	15 25 49.3 +0.6
WHAR	Woolly Hollow	85.49 44	P	IAMB	15 25 49.1 0.0
WHAR			IAMB	IAMB	15 25 50.1
L53A	Girard	85.49 33	P	P	15 25 49.5 +0.4
H59A	Cadyville	85.54 27	P	P	15 25 48.7 -0.5
H58A	Gabriele	85.58 28	P	P	15 25 48.9 -0.6
W41B	Gary Mavity, V	85.60 44	P	IAMB	15 25 49.7 +0.1
W41B			IAMB	IAMB	15 26 00.7
W41B	Gary Mavity, V	85.60 44	P	P	15 25 49.4 -0.2
L54A	Sinclairville	85.62 32	P	P	15 25 49.8 +0.2
J56A	Wolcott	85.64 30	P	P	15 25 49.3 -0.4
P49A	Miami Univ. Ec	85.66 37	P	P	15 25 50.1 +0.2
P49A			IAMB	IAMB	15 25 50.0 +0.1
G61A	St-Isidore-de-	85.67 25	P	P	15 25 50.7 +0.8
Q48A	North Vernon	85.71 38	P	P	15 25 50.6 +0.5
M53A	WI Miller and	85.76 33	P	P	15 25 50.8 +0.4
ACSO	Alum Creek Sta	85.83 35	P	P	15 25 51.2 +0.5
X40A	Basin Creek Fa	85.83 45	P	P	15 25 51.4 +0.6
P50A	Jamesstown	86.00 36	P	P	15 25 51.8 +0.2
WCI	Wyandotte Cave	86.03 39	P	pmax	15 25 51.2 -0.5
WCI			pmax	pmax	
WCI	Wyandotte Cave	86.03 39	P	IAMB	15 25 51.2 -0.5
WCI			IAMB	IAMB	15 26 19.2
WCI	Wyandotte Cave	86.03 39	P	P	15 25 51.8 +0.1
M54A	Oil Creek Stat	86.10 33	P	P	15 25 52.3 +0.2
N53A	Lisbon	86.23 34	P	IAMB	15 25 52.0 0.0
N53A			IAMB	IAMB	15 25 54.0
N53A	Lisbon	86.23 34	P	pP	15 26 17.0 -0.2
N53A			IAMB	IAMB	15 25 53.1 +0.4
J59A	Piesco	86.31 28	P	P	15 25 52.8 -0.2
H62A	Milan	86.43 26	P	P	15 25 54.2 +0.7
N54A	Moraine State	86.44 33	P	P	15 25 54.2 +0.4
M55A	Ridgway	86.49 32	P	P	15 25 54.3 +0.4
O53A	New Philadelphia	86.55 34	P	P	15 25 54.7 +0.4
T47A	Sharon Grove	86.67 40	P	IAMB	15 25 55.2 +0.3
T47A			IAMB	IAMB	15 25 56.3
Q51A	Peebles	86.68 36	P	P	15 25 55.0 0.0
Q51A			IAMB	IAMB	15 26 05.9
Q51A	Peebles	86.68 36	P	P	15 25 55.2 +0.3
P52A	Corning	86.69 35	P	P	15 25 55.0 0.0
K59A	Cooperstown	86.80 29	P	P	15 25 55.7 +0.2
S49A	Springfield	86.85 38	P	P	15 25 56.2 +0.4
O54A	Avella	86.95 34	P	P	15 25 56.9 +0.7
N55A	Marion Center	86.99 32	P	P	15 25 56.9 +0.5
WVT	Waverly	87.02 41	P	pmax	15 25 56.7 +0.1
WVT			pmax	pmax	
WVT	Waverly	87.02 41	P	IAMB	15 25 56.7 +0.1
WVT			IAMB	IAMB	15 25 57.7
WVT	Waverly	87.02 41	P	P	15 25 57.0 +0.5

N56A	West Decatur	87.14 32	P	P	15 25 57.4 +0.3
R51A	Hillsboro	87.18 37	P	P	15 25 58.0 +0.6
M57A	Sunset Me Farm,	87.22 31	P	P	15 25 57.8 +0.3
T49A	Edmonton	87.30 39	P	IAMB	15 25 57.9 0.0
T49A			IAMB	IAMB	15 25 59.2
T49A	Edmonton	87.30 39	P	P	15 25 57.9 0.0
S50A	Richmond	87.33 38	P	P	15 25 58.5 +0.4
O55A	Ligonier	87.36 33	P	P	15 25 57.7 -0.5
P54A	Burton	87.40 34	P	P	15 25 58.9 +0.5
OXF	Oxford				

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KARZ Kaharoa, TARZ Mount Tarawera, NGRZ Ngongotaha, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JCZ Jackson Bay, WKZ Wanaka, MSZ Milford Sound, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PTEN Parque Tenorio, CUI Cuiplapa, COLC Colonia, etc.

PTGB	Pitanga	18.81 71	eP	P	15 53 01.1 -0.1
SIV	San Ignacio	18.85 33	p	P	15 53 01.2 -0.3
comp-Z, 0.7nm, 0.3s, baz=219, slow=9.5, SNR=17					
SIV	comp-Z, 2.70nm, 20.1s, baz=262, slow=41		LR		16 01 37.5
GO09	Cerro Castillo	19.02 181	I Amb	I Amb	15 53 03.0 -0.2
comp-Z, 85nm, 1.5s					
TRCB	Terra Rica	19.34 66	eP	Pn	15 53 07.5 -0.6
NNA	Nana	20.70 346	LR	P	16 00 01.5
comp-Z, 1.11nm, 18.2s, baz=180, slow=33					
PCMB	Pacambu	21.05 65	eP	P	15 53 25.2 -0.4
FRTB	Fatura	21.48 71	eP	P	15 53 29.5 -0.6
C2SB	Chapadao do Su	21.84 56	eP	P	15 53 31.8 0.0
ZSA	Santo Antonio	21.84 56	eP	P	15 53 31.8 0.0
EF1	East Falkland	21.84 157	P	P	15 53 34.3 +0.6
USHA	Ushuaia	22.07 175	P	P	15 53 44.1 +1.2
comp-Z, 2.1nm, 1.1s, baz=25, slow=8.0, SNR=3.3					
USHA	comp-Z, 436nm, 19.1s, baz=44, slow=39		LR		16 03 33.0
YTRB	Iurama	22.85 62	eP	P	15 53 43.3 -1.5
SPB	Sao Paulo	23.08 74	P	P	15 53 46.5 -0.6
SPB	comp-Z, 33nm, 1.1s		I Amb	I Amb	15 53 48.5
SPB	Bededuro	23.08 74	eP	P	15 53 45.8 -1.4
B19B	Bebeduro	23.47 67	eP	P	15 53 50.1 -1.0
RCLB	Rio Claro- Sao	23.56 72	eP	P	15 53 50.7 -1.3
VAO	Valinhos	23.74 73	eP	P	15 53 52.5 -1.1
ARAG	Araguiana, MT	24.46 52	eP	P	15 53 59.9 -0.4
SAML	Samuel	24.49 21	eP	P	15 53 59.0 -0.1
SAMU	Samuel	24.49 46	eP	P	15 54 01.1 +0.6
IPMB	Imperi, GO	25.50 62	eP	P	15 54 08.6 -1.3
ESAR	Angra dos Reis	25.79 76	eP	P	15 54 11.1 -1.2
CLDB	Colider	25.84 38	eP	P	15 54 12.3 -0.5
BSCB	Bom Sucesso	26.49 72	eP	P	15 54 17.4 -1.4
BDFB	Brasilia	27.15 58	P	P	15 54 23.2 -1.6
comp-Z, 1.7nm, 0.9s, baz=38, slow=9.0, SNR=17					
BDFB	BR	27.15 58	P	P	16 06 11.1
comp-Z, 341nm, 20.9s, baz=266, slow=39					
BDFB	Brasilia	27.15 58	P	P	15 54 24.2 -0.6
JANB	comp-Z, 35nm, 1.3s		I Amb	I Amb	15 54 25.5
DJFB	Januaria	30.24 62	eP	P	15 54 50.2 -2.1
SJMB	Sao Joao De Ma	30.56 71	eP	P	15 54 53.9 -1.1
BSFB	Barra de Sao F	30.77 72	eP	P	15 54 55.5 -1.3
SMTB	Santa Maria do	32.49 49	eP	P	15 55 00.4 -1.6
PTGA	Pitinga	33.24 22	P	P	15 55 18.0 -0.6
comp-Z, 1.4nm, 0.8s					
PTGA	Pitinga	33.24 22	eP	P	15 55 18.2 -0.4
NBPN	Ponto Novo - B	35.61 61	eP	P	15 55 19.9 -1.5
NBLA	Lagarto - SE	37.72 64	eP	P	15 55 55.2 -1.9
RUSC	Rua Rusia	37.94 358	P	P	15 56 00.1 +0.7
NBTA	Tacaratu-PE	38.72 61	eP	P	15 56 04.2 -1.4
NBMA	Muriti-CE	39.38 58	eP	P	15 56 10.2 -0.9
NBAN	Anadia - AL	39.71 63	eP	P	15 56 12.5 -1.3
NBLI	Livramento-PB	40.70 60	eP	P	15 56 20.3 -1.8
SDV	Santo Domingo	40.91 2	P	P	15 56 21.9 -1.9
comp-Z, 3.8nm, 0.8s, baz=191, slow=6.6, SNR=5.2					
SDV	Santo Domingo	40.91 2	P	P	15 56 24.2 +0.4
NBRF	Rio Formoso -	41.21 63	eP	P	15 56 24.8 -1.4
TOSP	Toyside	44.49 36	eP	P	15 56 33.9 +0.4
OBIP	Obispo Ponce	50.24 6	P	P	15 57 36.5 -0.8
OBIP	comp-Z, 2.1nm, 1.4s		I Amb	I Amb	15 57 37.5
BANI	BANI	50.36 2	P	P	15 57 38.9 +0.5
VNA3	Neumayer Olymp	51.53 158	P	P	15 57 41.9 +1.2
WNA2	Neumayer-Watz	51.53 158	P	P	15 57 47.4 +0.9
baz=285, slow=8.6					
SNA3	Snae	53.11 158	P	P	15 57 59.1 +0.8
SNA4	Snae	53.11 158	P	P	15 57 59.1 +0.8
comp-Z, 5.7nm, 0.5s, baz=27, slow=7.6, SNR=4.3					
SNA4	Snae	53.11 158	P	P	15 57 58.7 +0.4
SNA4	comp-Z, 2.3nm, 1.3s		I Amb	I Amb	15 58 00.1
QSPA	South Pole Qui	57.99 180	P	P	15 58 34.7 +1.1
comp-Z, 1.1nm, 0.8s, baz=145, slow=1.1, SNR=6.9					
QSPA	South Pole Qui	57.99 180	P	P	15 58 34.3 +0.7
QSPA	comp-Z, 1.1nm, 0.8s		I Amb	I Amb	15 58 35.5
SYO	Syowa Base	67.40 159	I P	P	15 59 35.0 -1.0
SYO	Syowa	67.40 159	eP	pP	15 59 43.0 -2.2
TXAR	Lajitas Array	68.34 330	P	P	15 59 43.6 +1.1
comp-Z, 0.4nm, 0.6s, baz=146, slow=8.3, SNR=3.3					
WVT	Waverly	69.67 346	P	P	15 59 49.6 -0.9
WVT	comp-Z, 2.7nm, 1.0s		I Amb	I Amb	16 00 00.1
PPT	Papeete	70.78 261	LR	LR	16 02 21.5
comp-Z, 2.58nm, 18.8s, baz=192, slow=29					
LIC	Lamto	73.96 72	eP	P	16 00 16.8 -0.1
comp-Z, 33nm, 0.7s					
TIC	Toumoudi	74.22 71	eP	P	16 00 18.0 -0.4
KIC	Kosan Boka	74.27 72	eP	P	16 00 18.7 0.0
comp-Z, 26nm, 0.7s					
DBIC	Dimbokro	74.36 72	eP	P	16 00 19.4 +0.2
comp-Z, 1.6nm, 0.7s, baz=12, slow=6.4, SNR=22					
DBIC	Dimbokro	74.36 72	P	P	16 00 19.1 0.0
ANMO	Albuquerque	74.38 331	LR	LR	16 26 43.3
comp-Z, 7.0nm, 20.0s, baz=114, slow=31					
M4A	Midway	74.80 347	P	P	16 00 20.9 -0.2
LONY	Lake Ozonia	75.54 356	P	P	16 00 30.6 -0.4
G6A2	West of Eustis	77.10 1	P	P	16 00 35.6 +1.5
comp-Z, 1.3nm, 0.8s					
GGN	Saint George	77.12 4	P	P	16 00 35.7 +1.6
PKME	Peaks-Kenny PK	77.12 4	P	P	16 00 35.5 +1.2
RAR	Rarotonga	78.42 253	P	P	16 00 36.3 -0.3
comp-Z, 1.0nm, 0.4s, baz=136, slow=19.9, SNR=6.1					
F64A	Shernan	77.80 2	P	P	16 00 39.3 +1.3
LMN	Caledonia Moun	77.98 5	P	P	16 00 40.0 +1.0
E63A	Oxbow	78.35 2	P	P	16 00 42.2 +1.1
E63A	comp-Z, 2.2nm, 1.4s		I Amb	I Amb	16 01 59.7 +1.6
PQI	Presque Isle	78.62 3	P	P	16 00 43.3 +0.8
comp-Z, 1.8nm, 1.3s					
ECSD	EROS Data Cent	78.96 342	P	P	16 00 44.7 +0.2
D62A	Allapoint, All	78.92 2	P	P	16 00 45.5 +1.0
D62A	comp-Z, 1.0nm, 0.8s		I Amb	I Amb	16 00 46.9
E46A	Sault Ste Mari	79.07 351	P	P	16 00 45.2 +0.3
E46A	comp-Z, 1.9nm, 1.5s		I Amb	I Amb	16 01 24.8
D53A	Lac Vaciue, Po	79.14 356	P	P	16 00 45.5 +0.2
BATG	Bathurst New B	79.31 4	I Amb	I Amb	16 00 47.5 +1.2
BATG	comp-Z, 1.5nm, 1.3s		I Amb	I Amb	16 02 22.1
TSUM	Tsumeb	79.43 106	P	P	16 00 49.2 +1.3
TSUM	comp-Z, 1.8nm, 1.3s		I Amb	I Amb	16 00 49.5
E43A	Lone Tree Farm	79.46 349	P	P	16 00 47.3 +0.2
BOSA	Boshof	80.65 118	P	P	16 00 54.1 -0.3
comp-Z, 3.0nm, 0.6s, baz=274, slow=4.2, SNR=5.6					
BOSA	Boshof	80.65 118	I Amb	I Amb	16 00 56.0
comp-Z, 1.7nm, 1.2s					
PDAR	Pinedale Array	82.32 333	P	P	16 01 04.1 +1.3
comp-Z, 0.1nm, 0.4s, baz=121, slow=4.5, SNR=2.5					
NVAR	Mina Array Bea	82.60 325	P	P	16 01 05.5 +1.1
comp-Z, 0.6nm, 0.9s, baz=159, slow=6.0, SNR=3.6					
TOAD	Torodi Arr. Sit	83.36 70	P	P	16 01 08.6 0.0
TORD	Torodi Arr. Bea	83.36 70	P	P	16 01 08.4 -0.1
comp-Z, 1.0nm, 0.8s, baz=263, slow=4.7, SNR=4.0					
TORD	Torodi Arr. Bea	83.36 70	P	P	16 01 08.6 +0.1
ULM	Lac du Bonnet	84.88 345	P	P	16 01 15.8 +0.4
comp-Z, 1.3nm, 0.6s, baz=167, slow=5.4, SNR=5.7					
ULM	Lac du Bonnet	84.88 345	I Amb	I Amb	16 01 15.9
comp-Z, 5.1nm, 1.0s					
LSZ	Lusaka	90.09 108	P	P	16 01 41.5 -0.2
YKA	Yellowknife Arr	94.49 349	P	P	16 02 27.3 -0.4
comp-Z, 0.4nm, 0.7s, baz=133, slow=4.6, SNR=8.3					
TOLK	Toolik Lake Re	115.39 337	PKP	PKP	16 07 22.2 +0.4
ASAR	Alice Springs	119.25 207	PKP	PKP	16 07 29.7 -1.1
comp-Z, 0.5nm, 0.8s, baz=134, slow=1.1, SNR=6.4					
BSTR	Keskin Array B	120.73 60	PKP	PKP	16 07 31.6 -1.6
comp-Z, 1.4nm, 0.8s, baz=197, slow=3.4, SNR=6.9					
AKASG	Malin Array Be	120.80 47	PKP	PKP	16 07 31.4 -1.3
comp-Z, 0.8nm, 0.7s, baz=226, slow=2.7, SNR=4.7					
WRA	Warramunga Arr	122.209	PKP	PKP	16 07 36.1 -0.8
comp-Z, 1.3nm, 0.6s, baz=161, slow=1.1, SNR=8.4					
H1S2	WAKE ISLAND Hy26.05	270	T	T	18 26 45.2
baz=118, slow=75, SNR=135					
H1S1	WAKE ISLAND Hy26.06	270	T	T	18 26 47.2
baz=118, slow=75, SNR=136					
H1S3	WAKE ISLAND Hy26.07	270	T	T	18 26 46.6

H1N3	WAKE ISLAND Hy26.42	272	T	T	18 27 09.4
baz=117, slow=76, SNR=28					
H1N1	WAKE ISLAND Hy26.44	272	T	T	18 27 14.1
baz=117, slow=76, SNR=27					
H1N2	WAKE ISLAND Hy26.47	272	T	T	18 27 16.3
baz=117, slow=76, SNR=60					
KLMR	Klimovskoe	127.82 35	ePKPdf	PKPdf	16 07 44.6 -1.2
KLMR	comp-Z, 33nm, 1.9s		AMP	AMP	16 07 48.1
GEYT	Alibeck	138.96 66	PKP	PKPdf	16 08 07.3 -0.3
comp-Z, 1.0nm, 0.7s, baz=289, slow=4.4, SNR=3.5					
TIXI	Tiksi	139.01 350	PKP	PKPdf	16 08 06.0 -0.6
comp-Z, 1.6nm, 0.6s, baz=89, slow=2.1, SNR=6.3					
TIXI	Tiksi	139.01 350	PKP	PKPdf	16 08 06.8 +0.3
ABKR	Akbulak Array	140.37 50	PKP	PKP	16 08 01.8
BRVK	Borovoye	145.72 41	PKP	PKP	16 08 09.7 0.0
BVAR	Borovoye Array	145.80 41	PKP	PKP	16 08 19.8 +0.3
comp-Z, 4nm, 0.5s, baz=296, slow=2.0, SNR=64					
YAK	Yakutsk	147.16 342	PKP	PKP	16 08 20.4 +0.3
comp-Z, 1.2nm, 0.6s, baz=66, slow=7.7, SNR=16					
YAK	Yakutsk	147.16 342	PKP	PKP	16 08 23.7 +0.3
CHGR	Chuyangarong	147.67 67	PKP	PKP	16 08 23.3 -0.1
KK31	Karatay Array	148.44 59	PKP	PKP	16 08 25.5 -0.2
KKAR	Karatay Array	148.44 59	PKP	PKP	16 08 27.3 -0.2
GAR	Garm	148.44 59	PKP	PKP	16 08 27.2 -0.2
GAR	Garm	148.44 59	PKP	PKP	16 08 27.3 -0.2
KURB	Kurchatov Arra	148.57 67	PKP	PKP	16 08 28.0 -0.1
comp-Z, 1.1nm, 0.7s, baz=38, slow=2.9, SNR=27					
KURB	Kurchatov Arra	151.39 41	PKP	PKP	16 08 34.8 +0.4
AAK	Ala-Archa	151.40 59	PKP	PKP	16 08 34.5 +0.1
AAK	Ala-Archa	151.40 59	PKP	PKP	16 08 36.0 +0.6
comp-Z, 1.5nm, 0.7s, baz=166, slow=2.3, SNR=46					
AAK	Ala-Archa	151.40 59	PKP	PKP	16 08 35.7 +0.3
ZAAO	Zalesovo Array	152.59 31	PKP	PKP	16 08 36.9 0.0
ZAAO	Zalesovo Beam	152.59 31	PKP	PKP	16 08 37.2 +0.2
comp-Z, 0.8nm, 0.6s, baz=270, slow=1.0, SNR=5.4					
ZALV	Zalesovo Beam	152.59 31	PKP	PKP	16 08 37.2 +0.2
ZALV	Zalesovo Beam	152.59 31	PKP	PKP	16 08 37.2 +0.2
ZALV	Zalesovo Beam	152.59 31	PKP	PKP	16 08 37.2 +0.2
KSH	Kashi	152.93 65	PKP	PKP	16 08 37.2 +0.2
MAKZ	Makanchi	155.18 46	PKP	PKP	16 08 29.8 -0.1
MK31	Makanchi Array	155.38 46	PKP	PKP	16 08 36.9 -0.1
MK31	Makanchi Array	155.			

Code	Station Name	° AZ	Phase ID	Time	Res
AFI	Afihamalu	3.94 72	Op	h m s	ISC
RND	Reindeer	2.54 19	Pn	16 12 04.3 +1.9	
DHY	Denali Highway	2.58 36	Pn	16 12 03.7 +0.6	
MID	Middleton Isla	2.70 125	Pn	16 12 05.2 +0.7	
FOSS	Fourpeaked Sta	2.70 125	Pn	16 12 05.6 +0.9	
PS12	TAPS Pump St12	2.72 78	Pn	16 12 04.6 +0.2	
MCCK	McKinley	2.83 16	Pn	16 12 06.9 +0.5	
GOAT	Goat Mountain	2.96 96	Pn	16 12 06.7 -1.5	
CHUM	Lake Minchum	2.96 346	Pn	16 12 08.8 +0.6	
RAGW	Ragged Mountain	3.02 100	Pn	16 12 07.3 -1.8	
BPAM	Bear Paw Mtn.	3.02 358	Pn	16 12 10.5 +0.6	
PAX	Paxson	3.14 98	Pn	16 12 11.6 +1.0	
TT01	Tatalina	3.15 309	Pn	16 12 10.9 +0.5	
TTA	Tatalina	3.15 310	Pn	16 12 10.5 -0.4	
BWN	Browne	3.21 10	Pn	16 12 12.2 +0.8	
KACH	Katmai Hardscr	3.23 224	Pn	16 12 12.7 +0.6	
GLB	Gilahina Butte	3.35 80	Pn	16 12 12.7 +0.8	
KDAK	Kodiak Island	3.40 197	Pn	16 12 13.6 +0.6	
BERG	Berg Lake	3.49 97	Pn	16 12 13.3 -2.1	
VRDI	Verde Repeater	3.52 84	Pn	16 12 14.9 -1.0	
NANA	Nenana	3.64 11	Pn	16 12 18.5 +1.1	
WRH	Wood River Hill	3.66 18	Pn	16 12 18.6 +0.9	
CRQM	Cirque	3.70 91	Pn	16 12 17.2 -1.2	
MCARA	McCarthy VSAT	3.73 96	Pn	16 12 18.6 0.0	
HDA	Harding Lake	3.80 25	Pn	16 12 21.2 +1.5	
MENT	Mentasta	3.80 57	Pn	16 12 19.7 0.0	
RIDG	Independent Ri	3.85 42	Pn	16 12 21.3 +1.0	
TGL	Tana Glacier	3.85 91	Pn	16 12 19.1 -1.4	
COB	Clear Creek Bu	3.86 19	Pn	16 12 21.3 +0.2	
PS08	TAPS Pump Stn8	3.95 25	Pn	16 12 22.1 0.0	
PTPK	Patty Peak	3.99 84	Pn	16 12 22.0 -0.4	
MLY	Manley	4.02 360	Pn	16 12 23.5 +0.8	
OHAK	Old Harbor	4.05 200	Pn	16 12 22.3 -0.7	
BALM	Baldy	4.06 96	Pn	16 12 22.5 -0.8	
KIAG	Kiagna River	4.06 98	Pn	16 12 22.9 -1.1	
TCOL	CIQG, UAF Yank	4.07 17	Pn	16 12 24.0 +0.7	
COLA	College	4.07 17	Pn	16 12 23.7 +0.4	
MDM	Murphy Dome	4.10 15	Pn	16 12 24.8 +1.0	
IL31		4.14 23	P	16 12 24.5 +0.3	
ILAR	Eielson Array	4.14 23	P	16 12 24.2 -0.1	
1.7nm, 0.3s, bsz=212, slow=1, SNR=105					
ILAR		4.0m, 0.3s, bsz=209, slow=16, SNR=5.5	S	16 13 12.1 +0.8	
ILAR		comp=Z, 73nm, 21.7s, bsz=262, slow=44	LR	16 14 19.5	
ILAR	Eielson Array	4.14 23	Pn	16 12 24.5 +0.3	
SCRK	Sand Creek	4.29 43	Pn	16 12 26.1 -0.3	
POKR	Poker Plat Res	4.36 18	Pn	16 12 27.5 +0.2	
BARN	Barnard Glacie	4.39 86	Pn	16 12 27.9 +0.0	
PLK3	Peulik 3	4.40 223	Pn	16 12 28.8 +0.9	
CTGM	Chitina Glacie	4.46 87	Pn	16 12 30.0 0.1	
BC03		4.66 60	Pn	16 12 31.2 -0.2	
BCAR	Beaver Creek A	4.66 60	Pn	16 12 30.6 -0.9	
YUK2	White River	4.79 77	Pn	16 12 30.6 -0.9	
SII	Sitkinak Islan	4.84 204	Pn	16 12 33.4 -0.5	
EVCY	Beaver Creek	4.85 87	Pn	16 12 34.9 +0.5	
YUK3	Moose Creek	4.97 77	Pn	16 12 36.0 +0.1	
YUK1	Sand Pete Hill	4.98 72	Pn	16 12 36.2 +0.3	
IPR3	Porcupine Dome	5.07 25	Pn	16 12 38.3 +1.2	
IM46		5.16 346	Pn	16 12 38.5 +0.4	
IMAR	Indian Mountai	5.16 346	Pn	16 12 38.5 +0.2	
PCA	Pinnacle	5.23 96	Pn	16 12 41.4 -1.4	
EGAK	Eagle	5.75 45	Pn	16 12 46.2 -0.1	
CHIR	Chirikof Islan	5.83 209	Pn	16 12 46.1 -1.3	
YUK6	Outpost Mounta	6.00 85	Pn	16 12 48.9 -1.1	
DAWY	Dawson	6.04 55	Pn	16 12 50.3 -0.1	
FYU	Fort Yukon	6.05 21	Pn	16 12 51.2 +0.7	
YUK7	Dusty Glacier	6.11 89	Pn	16 12 51.0 -0.8	
CHGN	Chignik	6.22 84	Pn	16 12 53.0 +0.2	
HYT	Haines Junctio	6.43 86	Pn	16 12 55.0 -0.8	
BM03	Burnt Mountain	6.94 20	Pn	16 13 02.1 -0.5	
BMAR	Burnt Mountain	6.95 20	Pn	16 13 02.8 0.0	
ANN	Nome	7.60 304	Pn	16 13 11.0 -0.5	
TOLK	Tootlik Lake Re	7.60 304	Pn	16 13 11.5 -1.0	
WHY	Whitewhorse	7.73 86	Pn	16 13 12.2 -0.1	
C36M	Paulatuk	13.81 42	P	16 14 42.1 -0.9	
YKA	Yellowknife Ar	17.00 69	Pn	16 15 17.8 +0.5	
0.2nm, 0.3s, bsz=276, slow=9.5, SNR=41					
BEKR	Beckwith	28.22 125	P	16 17 12.2 +1.0	
GCMT	Greycliff	29.10 9	P	16 17 12.4 +1.2	
LAO	LASA Array	29.22 99	P	16 17 20.9 +1.0	
LAO			IAMB	16 17 21.5	
ELK		29.63 117	P	16 17 25.0 +1.2	
NVAR	Mina Array Bay	30.82 123	P	16 17 31.4 +1.9	
comp=Z, 1.6nm, 0.6s, bsz=317, slow=9.1, SNR=17					
R11A	Troy Canyon, C	31.47 120	P	16 17 40.9 +0.9	
ULM	Lac du Bonnet	31.81 85	P	16 17 41.2 -1.3	
comp=Z, 0.1nm, 0.4s, bsz=11, slow=9.3, SNR=3.6					
ULM	Lac du Bonnet	31.81 85	IAMB	16 17 43.4	
TPNV	Topopah Spring	32.38 122	P	16 17 49.0 +1.0	
TPNV			IAMB	16 17 50.7	
SRU	San Rafael Swe	33.05 113	P	16 17 54.8 +1.1	
WUAZ	Wupatki	35.66 118	IAMB	16 18 17.8 +1.4	
WUAZ			IAMB	16 18 18.8	
SCHO	Schefferville	42.05 59	P	16 19 08.7 -0.6	
SCHO	Schefferville	42.05 59	IAMB	16 19 09.0	
comp=Z, 2.1nm, 0.8s					
US3A	Gravette	42.74 99	P	16 19 14.0 -1.2	
US3A			IAMB	16 19 14.9	
comp=Z, 4.2nm, 0.6s					
NRIK	Noril'sk	43.48 334	LR	16 40 47.4	
comp=Z, 1.82nm, 18.1s, bsz=312, slow=41					
TXAR	Lajitas Array	44.31 114	P	16 19 28.0 0.0	
comp=Z, 0.2nm, 0.4s, bsz=35, slow=7.2, SNR=3.5					
JCT	Junction City	45.09 109	P	16 19 34.6 +0.5	
JCT			IAMB	16 19 36.0	
IS6A	Otisfield	48.28 72	P	16 19 58.7 0.0	
TKL	Tuckaleechee C	48.52 90	P	16 20 00.1 -0.7	
TKL	Tuckaleechee C	48.52 90	P	16 20 00.3 -0.4	
TKL			IAMB	16 20 09.5	
comp=Z, 9.3nm, 1.4s					
FPAL	Fort Paine	48.52 92	P	16 20 00.4 -0.4	
FPAL			IAMB	16 20 01.1	
comp=Z, 6.2nm, 1.1s					
ODNJ	Ogdensburg	48.67 78	P	16 20 01.0 -0.8	
Z50A	Ashland 93	49.41 93	P	16 20 07.3 -0.3	
W57A	Gilead	50.76 87	P	16 20 17.8 0.0	
S0NM	Songino Array	55.10 307	P	16 20 49.7 0.0	
comp=Z, 0.9nm, 0.8s, bsz=40, slow=7.6, SNR=8.3					
S0NM	Songino Array	55.10 307	P	16 20 49.1 -0.7	

Code	Station Name	° AZ	Phase ID	Time	Res
MSVF	Nonsavu	6.58 246	Pn	16 13 54.0 +2.9	
NIUE	Niue	6.72 126	Pn	16 13 53.1 +0.4	
KNTN	Kanton	12.89 18	P	16 15 07.7 +0.4	
RAR	Rarotonga	16.23 114	Pn	16 15 46.9 +0.3	
comp=Z, 2.305nm, 1.7s					
RAR	Rarotonga	16.23 114	P	16 15 46.9 +0.3	
DZM	Mont Dzumac	18.31 245	P	16 16 06.6 0.0	
comp=Z, 2.2nm, 0.3s, bsz=151, slow=22, SNR=15					
DZM	Mont Dzumac	18.31 245	P	16 16 07.9 +1.4	
DZM			IAMB	16 16 26.3	
OZM		22.20 204	P	16 16 45.7 +1.0	
UMAH	Umahua	22.96 192	P	16 16 51.7 +0.1	
MXZ	Matakaoa Point	23.90 194	P	16 16 57.9 -2.2	
comp=Z, 2.0nm, 0.6s, bsz=339, slow=2.6, SNR=18					
URZ	Urewera	23.90 194	P	16 16 56.9 -3.1	
HNR	Honiara	24.51 281	P	16 17 04.1 -1.8	
HNR			PMAX	16 17 04.1 -1.8	
comp=Z, 1.35nm, 0.9s					
HNR	Honiara	24.51 281	P	16 17 04.1 -1.8	
HZ	Hauti	24.74 198	P	16 17 06.1 -1.6	
HIZ			IAMB	16 17 09.6	
comp=Z, 1.105nm, 1.3s					
BKZ	Black Stump Fm	24.91 195	P	16 17 06.6 -2.6	
BFZ	Black Stump Fm	26.41 194	P	16 17 20.5 -2.0	
PMOR	Pomarioiro Ree	26.79 93	eP	16 17 26.4 +0.2	
comp=Z, 1.45nm, 1.1s					
YAH	Vaihoa	27.03 94	eP	16 17 28.3 0.0	
comp=Z, 1.26nm, 1.2s					
MSWZ	Moukua Station	27.34 195	P	16 17 29.8 -1.1	
SNZO	South Karori	27.38 196	P	16 17 29.5 -1.7	
BHW	Baring Head	27.43 196	P	16 17 30.2 -1.4	
QRZ	Quartz Range	27.58 200	P	16 17 31.9 -3.0	
QRZ			IAMB	16 17 34.5	
NRZ	Nelson	27.67 198	P	16 17 32.1 -1.6	
NNZ			IAMB	16 17 51.2	
comp=Z, 2.16nm, 2.0s					
TUWZ	Tuamotu	27.70 197	P	16 17 32.3 -1.7	
BSWZ	Blackbird Sta	27.79 197	P	16 17 35.9 -0.7	
THZ	Topohue	28.31 198	P	16 17 37.1 -2.4	
THZ			IAMB	16 17 45.0	
comp=Z, 1.104nm, 1.8s					
KHZ	Kuturua	28.73 197	P	16 17 41.2 -1.8	
LTZ	Lake Taylor	29.43 198	P	16 17 46.5 -2.9	
OZO	Oxford	30.00 198	P	16 17 51.8 -2.4	
MOX	MoQueen's Vall	30.17 197	P	16 17 54.0 -1.7	
RPZ	Rata Peaks	30.66 199	P	16 17 58.6 -1.4	
comp=Z, 1.1nm, 0.6s, bsz=223, slow=1.4, SNR=14					
RPZ	Rata Peaks	30.66 199	P	16 17 58.6 -1.4	
RPZ			IAMB	16 18 00.2 -1.9	
FOZ	Fox Glacier	30.90 201	P	16 18 04.9 -2.8	
LBZ	Lake Benmore	31.54 200	P	16 18 09.7 -1.8	
ODZ	Otahu Downs	31.98 199	P	16 18 12.1 -2.3	
WKZ	Wanaka	32.31 201	P	16 18 21.5	
comp=Z, 1.01nm, 1.7s					
EIDS	Eidsvold	32.75 247	P	16 18 18.0 -0.4	
RABL	Rabaul	33.50 286	P	16 18 24.1 -0.9	
DCZ	Deep Cove	33.52 202	P	16 18 24.0 -0.7	
KRVT	Keravat (AS076	33.59 285	P	16 18 24.5 -1.2	
comp=Z, 1.68nm, 0.7s, bsz=279, slow=1.6, SNR=12					
WHZ	Wether Hill Ro	33.61 201	P	16 18 24.0 -1.5	
WHZ			IAMB	16 18 27.3	
comp=Z, 0.57nm, 0.8s					
ARMA	Amidala	33.64 237	P	16 18 25.5 -0.7	
CTA	Charters Tower	36.59 257	P	16 18 51.0 -0.2	
comp=Z, 6.5nm, 0.9s, bsz=90, slow=10.0, SNR=31					
PMG	Port Moresby	36.76 275	P	16 18 53.0 +0.5	
PMG	Port Moresby	36.76 275	P	16 18 53.1 +0.5	
comp=Z, 6.39nm, 0.9s					
PMG	Port Moresby	36.76 275	IAMB	16 18 55.3	
PMG	Port Moresby	36.76 275	IAMB	16 18 55.3	
PMG	Port Moresby	36.			

Table of astronomical observations for 9d 17h, listing stations like BRG, DPC, OKC, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2014 MAR, listing stations like PVIS, PCAS, MTE, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 420, listing stations like WTVZ, KWHZ, KUZ, etc., with columns for station name, coordinates, and observation details.

0.4nm,0.8s,baz=122,slow=7.4,SNR=4.9

NEIC 09 17:22:28.9,2.2,27.93S,0:06:66:37W,0:08,h163km,5km, mb4.4/20, Error ellipse: s-maj=10.9km s-min=8.1km az=102.0

IDC 09 17:22:28.8,1.1,27:90S:66:37W,h156km,11km,mb3.8/13, mb1 3.9/19,mb1mx3.8/34,mbtmp4.3/19, Error ellipse: s-maj=14.5km s-min=8.0km az=88.0

SJA 09 17:22:29.6,0.8,28:00S:66:40W,h193km,5km,MLL3.9, MW3.9

ISC 09 17:22:29.5,0.4,27:87S:0:04:66:47W,0:05,h167km,n73, 0:151/81,mb4.2/18,Catamarca Province

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

2014 MAR

MKAR comp=Z,1.2nm,0.9s,baz=300,slow=2.7,SNR=4.4
MKAR Makanchi Array 149.09 44 PKPbc 17 41 58.4 +0.6
SONM Songino Array 159.31 14 PKPab PKPab 17 42 45.6 -0.4

IDC 09 17:24:04.3,0.5,4:40S:102:05E,h0km,mb4.4/22, mb1 4.5/22,mb1mx4.3/39,mbtmp4.4/22,MS3.6/5, Ms1 3.6/5,ms1mx3.3/39, Error ellipse: s-maj=18.3km s-min=12.2km az=47.0
KLM 09 17:24:08.0,4:76S:101:81E,h38km,mb4.9
BUJ 09 17:24:09.0,0.0,4:50S:102:00E,h39km,mb5.2/30, mb4.8/43,Ms4.7/12,Ms7.4/4/11
DJA 09 17:24:10.7,0.7,5:3S:101:2E, h30km,8km,M4.9/19, ms5.0/19,ms5.4/6,MLV4.9/18,MW6.0/18

NEIC 09 17:24:12.1,6.4,14:5S:0:10:11W,0:03,h59km,5km, mb4.7/30, Error ellipse: s-maj=15.3km s-min=3.5km az=171.0

ISC 09 17:24:11.5,1.0,4:51S:0:06:102:02E,0:06,h56km,8km, n213,0:1915/220,mb4.7/38,4C-4D,Southern Sumatera

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

GTA comp=Z,3.0nm,1.0s pP pP 17 32 23.1 -2.9
GTA pS pS 17 32 27.5 -4.9
GTA S S 17 38 40.8 +2.7
GTA SS SS 17 38 59.8 -2.0
GTA pmax pmax 17 41 50.6 -5.1

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

9d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FVM French Village, U38A Gravette, P52A Corning, etc.

1DC 09 17:37:27.8, 1.9, 7.28S, 129.45E, h108km, 16km, mb3.7/6, mb1 3.8/10, mb1mx3.6/29, mbtmp4.0/10, Error ellipse: s-maj=35.4km s-min=15.1km az=76.0

ISC 09 17:37:25.9, 0.6, 7.38S, 0.06, 129.6E, 0.1, h100km, n21, r196/28, mb3.8/6, Banda Sea

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

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR 0.3nm, 0.3s, baz=347, slow=9.5, SNR=47, etc.

1DC 09 18:05:12.3, 2.2, 2.48N, 127.51E, h0km, mb3.3/3, mb1 3.8/2, mb1mx3.3/37, mbtmp3.3/3, MS3.6/1, Ms1 3.6/1, ms1mx2.6/22, Error ellipse: s-maj=155.5km s-min=26.9km az=67.0, Northern Molucca Sea

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

1DC 09 18:15:00.5, 0.9, 4.450N, 28.20W, h0km, mb3.8/14, mb1 3.9/16, mb1mx3.8/43, mbtmp3.8/16, ML4.0/2, MS3.8/17, Ms1 3.8/17, ms1mx3.6/41, Error ellipse: s-maj=28.1km s-min=14.6km az=16.0

NEIC 09 18:15:02.2, 1.4, 4.47N, 0.2, 27.9W, 0.2, h10km, 1km, mb4.3/9, Error ellipse: s-maj=28.2km s-min=18.7km az=193.0

ISC 09 18:15:03.9, 0.8, 4.46N, 0.2, 28.04W, 0.09, h20km, n37, r1503/32, mb4.0/17, MS3.8/16, Northern Mid-Atlantic Ridge

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

1DC 09 18:53:41.7, 1.5, 4.93S, 149.98E, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.3/33, mbtmp3.4/4, ML3.9/1, Error ellipse: s-maj=61.5km s-min=20.2km az=146.0, Bismark Sea

MAN 09 18:57:09.8, 6.37N, 126.17E, h10km, mb4.4, ML3.2, MS3.0, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMPP Don Marcelino, MATI Mati, MATI Mati, etc.

NEIC 09 18:58:30.6, 1.8, 19.22N, 0.06, 166.76W, 0.04, h35km, 54km, Error ellipse: s-maj=9.5km s-min=5.0km az=185.0

RSPR 09 18:58:33.8, 19.07N, 166.84W, h48km, 4km, MD2.7/11

ISC 09 18:58:31.3, 1.9, 19.1N, 0.1, 166.85W, 0.05, h29km, n34, r055/41, 10C-1D, Puerto Rico region

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

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1DC 09 18:22:04.2, 3.2, 17.23S, 175.10W, h207km, 36km, mb3.4/4, mb1 3.6/5, mb1mx3.3/26, mbtmp4.0/5, Error ellipse: s-maj=149.9km s-min=25.4km az=139.0, Tonga Islands

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

1DC 09 18:22:34.4, 2.3, 60.55S, 47.742W, h0km, mb3.7/2, mb1 3.8/2, mb1mx3.6/22, mbtmp3.7/2, Error ellipse: s-maj=107.9km s-min=40.8km az=21.0, Scotia Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, TORO Torodi Arr, ILAR Eielson Array, etc.

ARE 09 18:26:19.3, 4.1, 16.0S, 0.1, 73.1W, 0.2, h37km, 9km, ML4.2, mb4.2/3(NEIC), Error ellipse: s-maj=0.0km s-min=0.0km az=149.0

NEIC 09 18:26:18.8, 3.6, 16.3S, 0.2, 73.2W, 0.1, h76km, 27km, Error ellipse: s-maj=27.8km s-min=15.4km az=21.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNMC Minye Minye, MNMC Minye Minye, PB11 IPOC Station P, etc.

RUSC La Rusia, PAYG Puerto Ayora, PAYG Puerto Ayora

1DC 09 18:37:51.5, 1.7, 1.62N, 123.41E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/40, mbtmp3.3/3, Error ellipse: s-maj=190.8km s-min=25.1km az=62.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

1DC 09 18:53:41.7, 1.5, 4.93S, 149.98E, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.3/33, mbtmp3.4/4, ML3.9/1, Error ellipse: s-maj=61.5km s-min=20.2km az=146.0, Bismark Sea

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

MAN 09 18:57:09.8, 6.37N, 126.17E, h10km, mb4.4, ML3.2, MS3.0, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMPP Don Marcelino, MATI Mati, MATI Mati, etc.

NEIC 09 18:58:30.6, 1.8, 19.22N, 0.06, 166.76W, 0.04, h35km, 54km, Error ellipse: s-maj=9.5km s-min=5.0km az=185.0

RSPR 09 18:58:33.8, 19.07N, 166.84W, h48km, 4km, MD2.7/11

ISC 09 18:58:31.3, 1.9, 19.1N, 0.1, 166.85W, 0.05, h29km, n34, r055/41, 10C-1D, Puerto Rico region

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

Table with columns: URIC, Station Name, Az, Phase ID, Time Res, ISC, Code, Station Name, Az, Phase ID, Time Res, ISC. Includes entries like EDFF, WSI, BANI, SOEI, BBSI, etc.

Table with columns: TPNV, Station Name, Az, Phase ID, Time Res, ISC, Code, Station Name, Az, Phase ID, Time Res, ISC. Includes entries like MLAC, FRI, HEC, MCMC, etc.

Table with columns: SLB, Station Name, Az, Phase ID, Time Res, ISC, Code, Station Name, Az, Phase ID, Time Res, ISC. Includes entries like Belfond, Saint Lucia, SLAC, etc.

9d 20h

Table with columns for station code, name, frequency, power, and location. Includes stations like FLOC, COHC, YOYC, etc.

2014 MAR

Table with columns for station code, name, frequency, power, and location. Includes stations like SAML, PTGA, Mayaguez, etc.

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Table with columns for station code, name, frequency, power, and location. Includes stations like Z50A, Z50B, Z50C, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like U61A Possum Corner, U55A TA2, Sparta, U60A Pendleton, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like R60A Leonardtown, R53A Hurricane, R53A Hurricane, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like NBPS Pedro I - Pl, O51A Pataskala, O57A Ambeon, etc.

M44A	Midewin, Midew	40.42	350	IAMs_20	IAMs_20	20 54 34.6
L50A	Kingsville	40.45	356	P	P	20 37 31.5 +0.3
L56A	Greenwood	40.48	2	IAMB	IAMB	20 37 41.8
L56A	comp-Z,2jum,21.0s			IAMs_20	IAMs_20	20 53 14.0
L56A	Greenwood	40.48	2	P	P	20 37 32.0 +0.6
L58A	Harry Jones Me	40.48	4	P	P	20 37 33.0 +1.5
L55A	Hinsdale	40.50	1	P	P	20 37 32.1 +0.4
KSU1	Kansas State U	40.52	339	P	P	20 37 33.1 +1.2
L54A	Sincerville	40.54	0	P	P	20 37 32.2 +0.3
NBPB	Pedra Branca-C	40.54	100	eP	P	20 37 30.8 -1.6
L60A	Shokan	40.58	6	P	P	20 37 33.4 +1.1
L49A	Milan	40.59	355	P	P	20 37 32.3 0.0
L47A	Sherwood	40.60	354	P	P	20 37 32.1 -0.3
BINY	Binghamton	40.63	4	IAMB	IAMB	20 37 35.2
BINY	Binghamton	40.63	4	P	P	20 37 34.0 +1.3
M65A	Busby, Falmout	40.67	10	IAMs_20	IAMs_20	20 52 51.1
L59A	Walton	40.69	5	P	P	20 37 34.5 +1.2
121A	Cookes Peak, D	40.70	322	IAMB	IAMB	20 37 54.0
121A	comp-Z,2jum,18.0s			IAMs_20	IAMs_20	20 54 53.1
121A	Cookes Peak, D	40.70	322	P	P	20 37 37.6 +3.9
WVNY	West Valley, N	40.72	1	IAMB	IAMB	20 38 12.4
WVNY	comp-Z,79nm,1.5s			IAMs_20	IAMs_20	20 53 11.4
BSCB	Bom Successo	40.73	125	eP	P	20 37 33.3 -0.6
L46A	Eue Claire	40.77	352	IAMBs_20	IAMBs_20	20 53 28.6
L46A	Eue Claire	40.77	352	P	P	20 37 33.1 -0.8
AAM	Ann Arbor	40.77	355	IAMs_20	IAMs_20	20 57 20.3
AAM	Ann Arbor	40.77	355	P	P	20 37 34.0 +0.2
L62A	Suffield	40.81	8	P	P	20 37 36.0 +1.9
L61A	Hillsdale 1, H	40.85	7	P	P	20 37 36.5 +2.0
BRYW	Bryant College	40.86	9	IAMs_20	IAMs_20	20 57 33.3
319A	Douglas	40.87	320	IAMB	IAMB	20 37 57.6
319A	comp-Z,2jum,18.0s			IAMs_20	IAMs_20	20 53 17.9
K54A	Basilliko Farm,	40.92	1	P	P	20 37 36.5 +1.4
NBPB	Ponto Novo - B	41.03	108	eP	P	20 37 34.9 -1.5
K56A	Middlesex	41.05	3	P	P	20 37 37.3 +1.2
K55A	Perry	41.05	2	P	P	20 37 36.6 +0.4
K51A	Iona Station	41.06	358	P	P	20 37 35.6 -0.6
QUA2	Belchertown	41.09	8	IAMB	IAMB	20 37 38.7
QUA2	comp-Z,135nm,1.7s			IAMs_20	IAMs_20	20 57 44.5
K52A	Tillsburg	41.09	359	P	P	20 37 36.7 +0.3
K57A	Scipio Center	41.12	3	P	P	20 37 37.4 +0.6
K50A	Casco	41.17	357	IAMs_20	IAMs_20	20 55 05.7
K50A	Casco	41.17	357	P	P	20 37 36.9 -0.2
L44A	Lake County Fo	41.17	351	IAMs_20	IAMs_20	20 53 40.4
K58A	Earville	41.21	4	IAMs_20	IAMs_20	20 54 29.1
K58A	Earville	41.21	4	P	P	20 37 38.4 +0.9
L61B	Northampton	41.22	8	P	P	20 37 38.2 +0.7
K49A	Clarkson	41.23	356	P	P	20 37 37.7 +0.1
PARB	Parabona	41.24	129	eP	P	20 37 37.9 -0.2
PLTB	Pedras Altas	41.25	146	eP	P	20 37 37.9 0.0
K47A	Vermontville	41.26	354	P	P	20 37 37.2 -0.7
K48A	Cooperstown	41.29	5	P	P	20 37 39.4 +1.3
K59A	Perry	41.31	355	P	P	20 37 37.7 -0.6
L42A	Oliver, Polo	41.32	349	IAMB	IAMB	20 38 06.4
L42A	comp-Z,55nm,1.4s			IAMs_20	IAMs_20	20 57 26.5
WES	Weston	41.35	9	IAMs_20	IAMs_20	20 57 55.3
K61A	Williamstown	41.36	7	P	P	20 37 40.1 +1.4
K46A	Dorr	41.37	353	P	P	20 37 37.0 -1.7
TRY	Troy	41.37	7	IAMB	IAMB	20 37 41.6
HRV	Adam Dzewiosk	41.43	9	IAMB	IAMB	20 37 41.1
HRV	Adam Dzewiosk	41.43	9	IAMs_20	IAMs_20	20 57 48.5
HRV	Adam Dzewiosk	41.43	9	P	P	20 37 40.6 +1.4
CBK5	Cedar Bluff	41.46	336	P	P	20 37 42.1 +2.5
MEDO	Medina	41.48	1	IAMs_20	IAMs_20	20 53 45.5
K62A	Royalston	41.49	8	P	P	20 37 41.0 +1.2
LPA	La Plata	41.52	153	iP	P	20 37 41.4 +1.3
LPA				PP	PP	20 39 15.1 -1.2
LPA				PCP	PCP	20 39 31.1 -6.3
LPA				PPP	PPP	20 39 44.4
LPA				S	S	20 43 56.8 +2.5
LPA				PKIKP	PKIKP	20 46 42.4 -2.4
LPA				SS	SS	20 46 56.9 +2.7
LPA				SSS	SSS	20 47 29.6
LPA				SKIKS	SKIKS	20 53 34.6
J52A	Paris	41.55	359	P	P	20 37 40.9 +0.6
J54A	Appleton	41.58	1	IAMs_20	IAMs_20	20 53 37.3
J54A	Appleton	41.58	1	P	P	20 37 41.6 +1.1
J55A	Hilton	41.59	2	IAMs_20	IAMs_20	20 53 59.6
J55A	Hilton	41.59	2	P	P	20 37 41.0 +0.4
K63A	Dunstable	41.62	9	P	P	20 37 42.0 +1.3
NBCL	Cascabel-CE	41.63	98	eP	P	20 37 40.6 -0.7
ANMO	Albuquerque	41.64	326	P	P	20 37 44.0 +2.7
ANMO	Albuquerque	41.64	326	P	P	20 37 44.6 +3.2
NBMA	Muriti-CE	41.65	103	eP	P	20 37 40.6 -0.9
J56A	Wolcott	41.65	3	P	P	20 37 41.3 +0.3
J56A	comp-Z,46nm,0.7s			IAMs_20	IAMs_20	20 54 08.9
J56A	Wolcott	41.65	3	P	P	20 37 41.4 +0.4
L40A	Anamos	41.70	347	IAMB	IAMB	20 37 57.5
K43A	Burlington	41.75	350	IAMs_20	IAMs_20	20 57 47.8
J48A	Bridge Port	41.77	355	IAMB	IAMB	20 37 51.1
J48A	comp-Z,120nm,1.8s			IAMs_20	IAMs_20	20 58 09.8

J48A	Bridge Port	41.77	355	P	P	20 37 41.2 -0.8
J49A	Marlette	41.78	356	P	P	20 37 42.1 -0.1
J47A	comp-Z,2jum,18.0s			IAMs_20	IAMs_20	20 57 53.8
J47A	Summer	41.80	354	P	P	20 37 42.2 -0.1
J57A	Williamstown	41.83	4	IAMB	IAMB	20 37 52.7
J57A	comp-Z,76nm,1.5s			IAMs_20	IAMs_20	20 54 48.5
J57A	Williamstown	41.83	4	P	P	20 37 43.0 +0.5
J58A	Remsen	41.84	5	IAMB	IAMB	20 37 44.7
J58A	Remsen	41.84	5	P	P	20 37 43.4 +0.8
J60A	Lant Hill Farm	41.91	7	P	P	20 37 44.5 +1.4
J46A	Howard City	42.00	353	P	P	20 37 43.5 -0.4
ESAR	Angra dos Reis	42.00	128	eP	P	20 37 45.1 +0.8
J59A	Piesco	42.01	6	IAMB	IAMB	20 37 46.2
J59A	Piesco	42.01	6	P	P	20 37 45.0 +1.0
ACCN	Adirock Park Com	42.02	6	IAMB	IAMB	20 37 45.9
J62A	Henniker	42.10	8	P	P	20 37 46.2 +1.5
J61A	Chester	42.11	8	P	P	20 37 46.6 +1.8
I51A	Listowel	42.12	358	P	P	20 37 45.2 +0.3
J45A	Montague	42.18	353	IAMs_20	IAMs_20	20 54 40.9
I58A	Old Forge	42.19	5	P	P	20 37 46.2 +0.7
T25A	Trinidad	42.21	330	IAMB	IAMB	20 38 30.3
T25A	Trinidad	42.21	330	P	P	20 37 49.3 +3.3
PECO	Prince Edward	42.30	3	IAMB	IAMB	20 37 47.6
JFWS	Jewell Farm	42.31	348	IAMs_20	IAMs_20	20 57 19.8
JFWS	Jewell Farm	42.31	348	P	P	20 37 46.0 -0.4
I49A	Point Hope	42.34	356	IAMs_20	IAMs_20	20 55 40.6
I49A	Point Hope	42.34	356	P	P	20 37 46.3 -0.4
I52A	Shelburne	42.37	359	P	P	20 37 46.9 -0.1
I52A	Carthage	42.38	4	P	P	20 37 48.0 +1.0
I59A	Oldsteadville	42.40	6	P	P	20 37 48.0 +0.8
TUC	Tucson	42.45	319	P	P	20 37 50.7 +2.8
I60A	Shoham	42.51	7	P	P	20 37 49.7 +1.6
NCB	Newcomb	42.54	6	IAMB	IAMB	20 37 50.5
I47A	Gladwin	42.55	355	IAMB	IAMB	20 37 53.1
I47A	Gladwin	42.55	355	P	P	20 37 48.0 -0.4
I55A	Frankford	42.55	2	P	P	20 37 49.0 +0.7
OGAUY	Aigu	42.62	149	eP	P	20 37 50.8 +1.7
I48A	Sherman Twp	42.65	356	P	P	20 37 49.1 0.0
NBTA	Tacaratu-PE	42.67	105	eP	P	20 37 48.0 -1.9
I61A	Oroboro, Fairl	42.74	8	P	P	20 37 50.9 +1.0
SJMB	Sao Joao De Ma	42.74	120	eP	P	20 37 49.9 -0.5
I45A	Fountain	42.75	353	IAMs_20	IAMs_20	20 54 39.0
I62A	Tamworth	42.80	9	P	P	20 37 52.0 +1.5
PLCA	Paso Flores	42.85	170	P	P	20 37 53.1 +2.2
PLCA	Paso Flores	42.85	170	Pmax	Pmax	20 37 53.7 +2.7
PLCA	comp-Z,24nm,1.1s					
PLCA	Paso Flores	42.85	170	P	P	20 37 53.6 +2.7
PLCA	Paso Flores	42.85	170	eP	P	20 37 52.9 +2.0
DELO	Deloro Mine	42.85	2	IAMB	IAMB	20 37 49.3 -1.5
DELO	comp-Z,99nm,1.5s			IAMs_20	IAMs_20	20 54 39.0
DELO	Deloro Mine	42.86	333	IAMs_20	IAMs_20	20 57 07.7
KSCO	Kaye Shedlock	42.86	333	P	P	20 37 55.5 +4.3
H53A	Bolvoyegen	42.88	1	P	P	20 37 50.8 -0.3
H55A	Tweed	42.90	2	P	P	20 37 51.6 +0.4
H57A	Richville	42.92	4	P	P	20 37 52.1 +0.8
NBIT	Ithapeh - BA	42.93	114	eP	P	20 37 51.8 -0.2
H52A	Weyvale	42.94	360	P	P	20 37 51.3 -0.2
H58A	Gabriels	42.98	6	P	P	20 37 52.4 +0.4
H56A	Elgin	42.99	3	P	P	20 37 52.6 +0.7
NBPA	Parau RN	43.00	100	eP	P	20 37 50.8 -1.7
I42A	Dragage Farm,	43.01	350	IAMs_20	IAMs_20	20 56 13.0
VT1	Waterbury	43.06	7	IAMs_20	IAMs_20	20 59 06.3
SADO	Sadova	43.07	0	P	P	20 37 52.3 -0.3
SADO	Sadova	43.07	0	P	P	20 37 50.6 -1.9
SADO	comp-Z,57nm,1.5s			IAMs_20	IAMs_20	20 54 32.8
LBNH	Lisbon	43.08	8	IAMB	IAMB	20 37 55.4
LBNH	Lisbon	43.08	8	IAMB	IAMB	20 59 11.0
LBNH	Lisbon	43.08	8	P	P	20 37 54.1 +1.4
BSFB	Barra de Sao F	43.09	120	eP	P	20 37 52.1 -1.0
I63A	Otisfield	43.10	9	IAMB	IAMB	20 37 54.7
I63A	comp-Z,1jum,19.0s			IAMs_20	IAMs_20	20 58 56.4
I63A	Otisfield	43.10	9	P	P	20 37 54.1 +1.3
BGNE	Belgrade	43.11	339	P	P	20 37 53.7 +0.7
H48A	Harrisville	43.13	356	P	P	20 37 52.9 -0.2
I64A	Boothbay	43.13	10	P	P	20 37 54.1 +1.1
SDCO	Great Sand Dun	43.23	330	IAMB	IAMB	20 38 01.3
SDCO	comp-Z,44nm,1.1s			IAMs_20	IAMs_20	20 57 33.1
SDCO	Great Sand Dun	43.23	330	P	P	20 37 57.5 +3.1
H59A	Cadyville	43.26	6	P	P	20 37 55.1 +1.0
H60A	Morristown	43.29	7	P	P	20 37 55.6 +1.2
I40A	Norwalk	43.32	348	IAMs_20	IAMs_20	20 58 46.6
NBLA	Legarto - SE	43.36	108	eP	P	20 37 53.4 -2.0
H61A	Lyndonville	43.37	8	P	P	20 37 56.3 +1.3
X18A	Snowflake	43.38	323	IAMs_20	IAMs_20	20 55 22.1
PLVO	Plevna	43.40	3	IAMs_20	IAMs_20	20 54 55.2
NBLI	Livramento-PB	43.41	102	eP	P	20 37 54.6 -1.3
G53A	Haliburton	43.43	1	P	P	20 37 55.0 -0.5
FRNY	Flat Rock	43.46	6	IAMB	IAMB	20 37 58.0

H62A	Milan	43.52	9	IAMB	IAMB	20 37 58.4
H62A	Milan	43.52	9	P	P	20 37 57.3 +1.1
214A	Organ Pipe Nat	43.58	317	IAMB	IAMB	20 38 17.8
214A	comp-Z,2jum,20.0s			IAM		

D46A	baz=196 Sault St. Mari	45.36	356	P	P	20 38 09.9	-1.1
D53A	baz=173,SNR=6.7 Lac Vacive, Po	45.41	2	IAMS_20	IAMS_20	20 56 14.5	
D53A	baz=182,SNR=9.9 Lac Vacive, Po	45.41	2	P	P	20 38 11.1	-0.2
NBRF	Rio Formoso -	45.43	104	eP	P	20 38 10.5	-1.4
E61A	baz=152,SNR=7.8 Lac Etchemin	45.43	9	P	P	20 38 12.8	+1.3
D55A	baz=185,SNR=14 Sainte-Anne-du	45.46	4	P	P	20 38 11.8	+0.1
D47A	baz=173,SNR=12 Chapleau	45.46	357	P	P	20 38 10.5	-1.3
D50A	baz=179 G1974 Best Tow	45.47	360	P	P	20 38 11.2	-0.6
D48A	baz=176,SNR=9.9 Paudash Townsh	45.52	358	P	P	20 38 11.1	-1.1
D48A	baz=184,SNR=11 Lac Fusel, La	45.52	3	P	P	20 38 11.8	-0.4
D56A	baz=186,SNR=14 ZEC Mazanza, M	45.54	5	P	P	20 38 12.5	+0.1
D57A	baz=188,SNR=14 Chemin Vers le	45.59	5	P	P	20 38 13.2	+0.5
GLA	baz=126 Glamis	45.59	317	P	P	20 38 16.2	+3.1
D49A	baz=177,SNR=10 Beulhan Townshi	45.60	358	P	P	20 38 11.9	-0.9
D58A	baz=189,SNR=10 Chemin du LacG	45.77	6	P	P	20 38 14.8	+0.6
E63A	comp=2.2um,20.0s Oxbow	45.77	11	IAMS_20	IAMS_20	20 59 02.2	
E63A	baz=195,SNR=7.7 Oxbow	45.77	11	P	P	20 38 15.5	+1.4
Y12C	baz=127 Blythe	45.80	318	P	P	20 38 17.5	+2.8
D59A	baz=190 Saint-Raymond	45.81	7	P	P	20 38 15.8	+1.4
D60A	baz=192,SNR=10 Saint Jean D'O	45.84	8	P	P	20 38 16.0	+1.3
E64A	baz=196,SNR=7.2 Bridgwater	45.88	11	P	P	20 38 15.9	+0.9
PDMCJ	baz=128 Parker Dam,Lak	45.89	319	P	P	20 38 18.2	+2.9
N23A	comp=2.4um,1.4s Red Feather La	45.89	332	IAMB	IAMB	20 39 11.9	
N23A	baz=141 Red Feather La	45.89	332	P	P	20 38 18.9	+3.4
D41A	comp=2.2um,21.0s Chassel	46.04	351	IAMS_20	IAMS_20	20 56 39.0	
SUSD	baz=152 Miller	46.07	341	P	P	20 38 17.3	+0.7
U15A	comp=2.7um,1.7s North Rim	46.07	323	IAMB	IAMB	20 38 38.0	
PQI	comp=2.1um,19.0s Presque Isle	46.09	11	IAMS_20	IAMS_20	20 59 20.5	
E38A	comp=2.75nm,1.9s The Farm, Brul	46.12	349	IAMB	IAMB	20 38 47.8	
E38A	comp=2.2um,21.0s Sam W. Stewart	46.20	316	P	P	20 38 21.6	+3.8
W13A	baz=125 Hualapai Mount	46.21	320	IAMB	IAMB	20 38 36.9	
D61A	comp=2.2um,18.0s St Aubert, Com	46.23	9	P	P	20 38 19.3	+1.6
IKP	baz=193,SNR=15 In-Ko-Pah, Jac	46.24	316	P	P	20 38 21.6	+3.3
D62A	comp=2.2um,20.0s Allapoint, All	46.30	10	IAMS_20	IAMS_20	20 59 12.1	
D62A	baz=194,SNR=21 Allapoint, All	46.30	10	P	P	20 38 19.8	+1.5
BC3	baz=126 Big Chuckawall	46.37	317	P	P	20 38 22.5	+3.2
D63A	baz=196,SNR=8.8 Stockholm	46.42	11	P	P	20 38 20.6	+1.3
O20A	comp=2.24nm,1.1s White River Ci	46.43	329	IAMB	IAMB	20 39 01.7	
O20A	baz=138 White River Ci	46.43	329	P	P	20 38 22.8	+3.1
VLQD	comp=2.26nm,1.4s Val d'Or	46.45	2	IAMB	IAMB	20 38 24.4	+3.2
VLQD	comp=2.2um,19.0s Iron Mountain	46.46	318	P	P	20 38 23.2	+3.4
IRM	baz=126,SNR=5.5 Needles Airpor	46.48	319	P	P	20 38 23.3	+3.3
NEE2	baz=127 Needles Airpor	46.48	319	P	P	20 38 23.3	+3.3
MONP2	baz=124 Montgomery Peak	46.60	316	P	P	20 38 24.4	+3.2
BAR	comp=2.1um,18.0s Barrett	46.65	316	IAMS_20	IAMS_20	20 56 53.4	
BELO	baz=125 Belle Mtn. Jos	46.94	318	P	P	20 38 27.2	+3.4
PFO	comp=2.0.9nm,0.3s,baz=170,slow=8.9,SNR=4.1 Pinyon Flats O	47.03	317	P	P	20 38 26.2	+1.8
PFO	comp=2.49nm,4.0s Pinyon Flats O	47.03	317	eP	P	20 38 27.2	+2.7
PFO	comp=2.28nm,1.4s Bathurst New B	47.07	13	IAMS_20	IAMS_20	20 56 54.1	
BATG	comp=2.2um,22.0s Camp Elliot, M	47.07	316	P	P	20 38 27.5	+2.9
GMRC	baz=123 Granite Mounta	47.17	319	P	P	20 38 29.0	+3.4
EYMN	baz=126,SNR=5.6 Ely	47.39	349	P	P	20 38 25.2	-1.6
EYMN	comp=2.22nm,1.3s Ely	47.39	349	IAMS_20	IAMS_20	21 01 12.1	
EYMN	baz=163 Ely	47.39	349	P	P	20 38 26.5	-0.4
MURC	baz=124 Murieta	47.53	316	P	P	20 38 31.5	+3.2
K2A	comp=2.1um,20.0s Casper	47.54	333	IAMS_20	IAMS_20	20 58 38.6	
HEC	baz=126,SNR=8.4 Hector,Ludlow	47.65	318	P	P	20 38 32.7	+3.5
RSSD	baz=146 Black Hills	47.66	336	IAMS_20	IAMS_20	21 00 06.7	
RSSD	baz=126,SNR=7.9 Black Hills	47.66	336	P	P	20 38 31.7	+2.3
TUQ	comp=2.1um,20.0s Turquoise Moun	47.74	319	P	P	20 38 33.0	+3.1
SHRP	baz=126 Sheep Range	47.90	321	IAMS_20	IAMS_20	20 57 50.7	
BFSC	comp=2.1um,20.0s Mount Baldy Ra	48.21	317	P	P	20 38 36.4	+2.9
GSC	baz=124 Goldstone, Bar	48.24	318	IAMB	IAMB	20 38 52.4	
GSC	baz=126,SNR=7.9 Goldstone, Bar	48.24	318	P	P	20 38 37.1	+3.3
SHOC	baz=126 Shoshone, Teco	48.24	319	P	P	20 38 36.9	+3.2
AGMN	comp=2.39nm,1.7s Agassiz Nation	48.68	346	IAMB	IAMB	20 38 56.5	
AGMN	baz=158 Agassiz Nation	48.68	346	P	P	20 38 36.8	0.0
EDW2	comp=2.3um,1.7s Edwards Air Fo	48.80	317	P	P	20 38 40.8	+2.7
TPNV	comp=2.52nm,1.8s Topopah Spring	48.86	321	IAMB	IAMB	20 39 05.2	
TPNV	comp=2.1um,19.0s Topopah Spring	48.86	321	P	P	20 38 42.0	+3.4
DUG	baz=127,SNR=5.5 Dugway, Tooele	48.91	326	IAMB	IAMB	20 38 57.1	
DUG	baz=133 Dugway, Tooele	48.91	326	P	P	20 38 42.0	+3.1
LRMC	baz=125 Laurel Mtn Rad	48.92	318	P	P	20 38 42.3	+3.2
FURC	baz=126 Furnace Creek,	48.96	320	P	P	20 38 42.9	+3.8
BW06	comp=2.1um,19.0s Boulder Array	49.06	331	IAMS_20	IAMS_20	21 00 53.2	
BW06	baz=139 Boulder Array	49.06	331	P	P	20 38 43.7	+3.6
PD31	comp=2.31nm,1.4s Pinedale Array	49.06	331	IAMB	IAMB	20 38 57.1	
PDAR	comp=2.3um,1.7s Pinedale Array	49.06	331	P	P	20 38 41.5	+1.3
MPMC	comp=2.3um,1.7s Manual Prospect	49.13	319	P	P	20 38 43.2	+2.4
MDND	comp=2.916nm,18.0s Maddock	49.31	342	P	P	20 38 43.0	+1.3
R11A	comp=2.2um,19.0s Troy Canyon, C	49.31	322	IAMS_20	IAMS_20	20 59 00.0	
R11A	baz=129 Troy Canyon, C	49.31	322	P	P	20 38 45.0	+2.9
ARVC	baz=123 Arvin	49.50	317	P	P	20 38 46.7	+3.3
ISA	baz=124 Isabella, Lake	49.56	318	P	P	20 38 47.1	+3.2
CWC	baz=125 Cottonwood Cre	49.74	319	P	P	20 38 48.6	+3.2
AHID	comp=2.916nm,18.0s Auburn Hatcher	49.82	330	IAMS_20	IAMS_20	21 01 28.6	
PKM	comp=2.122,SNR=7.3 Mcherson Peak	50.05	316	P	P	20 38 50.9	+3.2
YES	baz=124 Vestal, Richgr	50.07	318	P	P	20 38 51.1	+3.5
REDW	comp=2.30nm,1.1s Red Top Meadow	50.13	330	IAMB	IAMB	20 39 21.2	
REDW	comp=2.1um,19.0s Fox Creek	50.42	331	IAMS_20	IAMS_20	21 00 49.4	
FWXY	baz=124 Lac du Bonnet	50.50	346	P	P	20 38 50.0	-0.7
ULM	comp=2.7,0nm,0.6s,baz=156,slow=7.7,SNR=20 Lac du Bonnet	50.50	346	eP	P	20 38 49.4	-1.2
ULM	comp=2.7,0nm,0.6s,baz=156,slow=7.7,SNR=20 Lac du Bonnet	50.50	346	IAMB	IAMB	20 38 50.0	-0.7
ULM	comp=2.1um,19.0s Lac du Bonnet	50.50	346	P	P	20 38 59.1	
ULM	comp=2.1um,19.0s Flagg Ranch	50.59	331	IAMS_20	IAMS_20	21 01 38.8	
FLWY	comp=2.1um,20.0s Elko	50.65	325	P	P	20 38 53.3	+1.1
ELK	comp=2.2.7nm,0.9s,baz=134,slow=4.0,SNR=10 Elko	50.65	325	IAMS_20	IAMS_20	20 59 18.1	
ELK	comp=2.1um,22.0s Red Lodge	50.71	333	IAMS_20	IAMS_20	21 00 03.5	
PAGB	comp=2.1um,22.0s Antelope Grade	50.80	317	IAMS_20	IAMS_20	21 03 45.2	
NV11	comp=2.646nm,18.0s Mina Array Sit	50.96	321	IAMS_20	IAMS_20	21 01 39.8	
NVAR	comp=2.2um,19.0s Mina Array Bea	51.05	321	P	P	20 38 57.6	+2.3
NVAR	comp=2.6.5nm,0.9s,baz=137,slow=7.2,SNR=24 Mina Array Bea	51.05	321	IAMB	IAMB	21 01 50.9	
MDPB	comp=2.1um,18.5s,baz=136,slow=38 Devils Postpil	51.08	320	IAMS_20	IAMS_20	21 01 21.2	
DRLN	comp=2.1um,19.0s Deer Lake	51.18	18	P	P	20 38 54.2	-1.6
KRVN	comp=2.1um,20.0s Kaiserville	51.29	322	IAMS_20	IAMS_20	21 01 10.7	
RYN	comp=2.2um,19.0s Ryan	51.31	321	IAMS_20	IAMS_20	21 01 41.0	
DGMT	baz=147 Dagmar	51.37	339	P	P	20 39 00.1	+2.9
YERR	comp=2.1um,18.0s Yerlington	51.87	321	IAMS_20	IAMS_20	21 02 12.6	
PNTR	comp=2.1um,18.0s Pine Nut	52.26	321	IAMS_20	IAMS_20	21 04 59.2	
MFID	comp=2.1um,19.0s Camas Ranch	52.75	327	IAMS_20	IAMS_20	21 00 43.4	
EGMT	comp=2.1um,19.0s Eagleton	53.16	335	P	P	20 39 12.9	+2.2
BEKR	comp=2.1um,21.0s Beckworth	53.19	321	IAMS_20	IAMS_20	21 01 26.7	
SCHO	comp=2.1um,21.0s Schefferville	54.15	9	P	P	20 39 17.6	-0.1
SCHO	comp=2.19nm,0.9s,baz=216,slow=6.2,SNR=28 Schefferville	54.15	9	LR	LR	21 04 14.4	
SCHO	comp=2.839nm,18.6s,baz=192,slow=38 Schefferville	54.15	9	P	P	20 39 17.4	-0.3
MSO	comp=2.41nm,1.0s Missoula	54.16	331	IAMS_20	IAMS_20	21 03 55.1	
MSO	comp=2.1um,20.0s Missoula	54.16	331	P	P	20 39 20.4	+2.4
O03E	baz=136 Paynes Creek	54.34	321	P	P	20 39 22.0	+2.6
MOD	baz=124 Modoc Plateau	54.35	323	IAMS_20	IAMS_20	21 01 29.2	
F10A	comp=2.1um,22.0s Beach Ranch, E	55.20	329	IAMS_20	IAMS_20	21 03 17.1	
M04C	comp=2.1um,22.0s Maddock	55.21	322	P	P	20 39 29.0	+3.2
K04D	baz=125 Chiloquin, OR	55.64	323	P	P	20 39 32.0	+3.1
YBH	comp=2.3.8nm,0.9s,baz=92,slow=3.9,SNR=6.7 Yreka Blue Hor	55.72	322	P	P	20 39 30.0	+0.6
YBH	comp=2.3.8nm,0.9s,baz=92,slow=3.9,SNR=6.7 Yreka Blue Hor	55.72	322	eP	P	20 39 29.4	0.0
YBH	comp=2.69nm,2.0s Yreka Blue Hor	55.72	322	P	P	20 39 29.4	0.0
YBH	comp=2.69nm,2.0s Yreka Blue Hor	55.72	322	IAMB	IAMB	20 40 10.9	
J05D	comp=2.69nm,2.0s Fort Rock, OR	55.72	324	P	P	20 39 32.1	+2.6
L04D	comp=2.9.5nm,0.7s,baz=126,slow=8.1,SNR=17 Klamath Falls	55.74	322	P	P	20 39 31.7	+2.0
WALA	comp=2.1um,19.0s Waterton Lakes	55.76	333	IAMS_20	IAMS_20	21 04 24.2	
E09A	comp=2.1um,18.0s Wood Farm, Sta	56.04	329	IAMS_20	IAMS_20	21 05 22.2	
EFF	comp=2.1um,18.0s East Falkland	56.104	eP	P	P	20 39 34.6	+3.3
FFC	comp=2.1um,18.0s Flint Fion	56.12	345	eP	P	20 39 31.6	-0.3
FFC	comp=2.1um,18.0s Flint Fion	56.12	345	IAMS_20	IAMS_20	21 08 24.4	
J04D	comp=2.1um,19.0s Umpqua Nationa	56.21	324	P	P	20 39 35.4	+2.3
HUMO	baz=125,SNR=8.9 Hull Mountain	56.36	322	IAMS_20	IAMS_20	21 04 48.8	
I05D	comp=2.1um,19.0s Terrebonne, OR	56.41	325	P	P	20 39 37.8	+3.5
NEW	baz=127 Newport	56.57	331	P	P	20 39 37.2	+0.9
NEW	comp=2.7.3nm,1.1s,baz=130,slow=6.1,SNR=6.3 Newport	56.57	331	P	P	20 39 38.6	+2.4
I04A	baz=133 Tendick Farm,	56.71	324	P	P	20 39 38.2	+1.8
SACV	comp=2.1um,19.0s Santiago Islan	56.79	73	IAMS_20	IAMS_20	21 03 19.8	
G05D	baz=124 Williamette Mer	56.84	322	P</			

MSL Mosul 2.92 314 ePn Pn 20 47 06.0 +2.2
MSL Nasriya 3.38 174 ePn Pn 20 47 11.0 +0.9
NSR Razeghan 3.63 72 ePn Pn 20 47 17.0 +3.3

JMA 09 20:58:03.0.0.1, 27.67N; 140.73E, h161km, M3.8
IDC 09 20:58:08.0.4.5, 27.63N; 140.33E, h210km, 4.4km, mb3.2/4,
mb1 3.4/5, mb1mx3.0/26, mbtmp3.6/5, Error ellipse:
s-maj=61.5km s-min=21.7km az=99.0

ISC 09 20:58:02.0.1, 27.70N; 140.60E; 0.2, h150km, n11,
e27/15, mb3.3/4, Bonin Islands region

Code Station Name Delta AZ Phase ID Time Res
CBIJ Chichi jima 1.55 113 P Pn 20 58 32.8 +0.7
CBIJ Haha-jima-NKT2 1.77 126 P Pn 20 58 35.1 +0.5
JH2 Boso 1 6.94 3 P Pn 20 58 59.5 +0.1

GCG 09 21:08:30.6.0.5, 15.89N; 92.17W, h20km, 999km, MD3.8
MEX 09 21:08:30.5.0.8, 14.28N; 93.04W, h15km, MD3.9
ISC 09 21:08:26.4.2.4, 14.33N; 011.9300W; 0.07, h7.7km, n8,
r15/15, Near coast of Chiapas

Code Station Name Delta AZ Phase ID Time Res
THIG 0.92 51 i P Pn 21 08 46.0 +0.2
THIG 1.39 351 e S Pn 21 08 58.3 +1.3
PCIG 1.39 351 e S Pn 21 08 52.5 +0.2

IDC 09 21:18:17.2.6.0, 4.15S; 133.13E, h0km, mb3.5/1,
mb1 3.4/3, mb1mx3.2/27, mbtmp3.2/3, ML2.9/2, Error
ellipse: s-maj=366.4km s-min=31.8km az=76.0, Irian
Jaya region

Code Station Name Delta AZ Phase ID Time Res
WRA Warramunga Arr 15.75 176 Pn Pn 21 21 59.1 -1.4
ASAR Alice Springs 19.42 178 P Pn 21 22 45.9 -0.4
MKAR Makanchi Array 67.63 325 P P 21 29 16.0 0.0

IDC 09 21:19:32.7.5.6, 4.50S; 132.97E, h0km, mb3.5/1,
mb1 3.6/3, mb1mx3.3/25, mbtmp3.4/3, ML3.0/2, MS3.9/1,
Ms1 3.9/1, ms1mx2.9/19, Error ellipse: s-maj=341.1km
s-min=31.9km az=76.0, Irian Jaya region

Code Station Name Delta AZ Phase ID Time Res
WRA Warramunga Arr 15.40 175 Pn Pn 21 23 10.2 -1.4
KRVT Keravat (AS076) 19.00 90 LR LR 21 32 47.6
ASAR Alice Springs 19.07 177 P Pn 21 23 57.6 -0.1

MAN 09 21:43:13.1, 9.87N; 123.96E, h9km, mb4.5, ML3.4, MS3.2,
3D, Negros

Code Station Name Delta AZ Phase ID Time Res
TBP Tagbilaran 2.02 208 eP Pn 21 43 16.5 -0.6
TBP Lapu-Lapu 0.45 11 i P Pn 21 43 19.4 -0.6
LLP Sibulan 0.88 234 i P Pn 21 43 29.0 -1.0

IDC 09 21:54:06.0.4.8, 1.78S; 137.78E, h0km, mb3.2/2,
mb1 3.6/3, mb1mx3.2/33, mbtmp3.4/3, ML3.7/1, Error
ellipse: s-maj=208.2km s-min=28.3km az=84.0, Near
north coast of Irian Jaya

Code Station Name Delta AZ Phase ID Time Res
WRA Warramunga Arr 18.36 190 Pn Pn 21 58 21.9 -0.5
ASAR Alice Springs 22.08 189 P P 21 59 03.8 +0.8
MKAR Makanchi Array 68.49 323 P P 22 05 10.1 -0.2

RSPR 09 22:02:40.9, 19.53N; 68.07W, h75km, 15km, MD3.5/10
OSPL 09 22:02:41.8, 1.9, 19.58N; 67.63W, h16km, 79km, ML3.3
ISC 09 22:02:38.2.3, 19.52N; 08.672W; 0.08, h7km, 16km,
n46, e095/55, 17C, Mona Passage

Code Station Name Delta AZ Phase ID Time Res
PCDR Punta Cana, DR 1.09 204 i P Pn 22 02 59.0 -0.1
PCDR Punta Cana, DR 1.09 204 i P Pn 22 02 59.0 -0.3
PCDR Punta Cana, DR 1.09 204 i P Pn 22 02 59.2 +0.1

DR12 Loma Pena Alta 1.56 243 Pn Pg 22 03 08.8 +0.6
AOPR Arcicob Observ 1.60 136 i P Pn 22 03 07.3 +0.3
AOPR Arcicob Observ 1.60 136 i P Pn 22 03 07.4 +0.4

IDC 09 22:13:29.3.0.8, 56.49N; 121.02E, h0km, mb3.7/11,
mb1 3.9/17, mb1mx3.7/44, mbtmp3.8/17, ML3.9/5, Error
ellipse: s-maj=17.0km s-min=10.2km az=146.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

ISC 09 22:13:30.2.0.1, 56.57N; 121.10E; 0.02, h5km, 7km,
n121, e283/172, mb3.9/23, 6C-10D, Southeastern Siberia

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

SVKR comp=Z,798nm,0.7s max 22 15 57.0
UKT Ukait 4.33 259 ePn Pn 22 14 37.5 +0.7
UKT comp=Z,126nm,1.1s Pmax 22 14 48.0 +1.1

IDC 09 22:13:29.3.0.8, 56.49N; 121.02E, h0km, mb3.7/11,
mb1 3.9/17, mb1mx3.7/44, mbtmp3.8/17, ML3.9/5, Error
ellipse: s-maj=17.0km s-min=10.2km az=146.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

Code Station Name Delta AZ Phase ID Time Res
YKLR Yuktali 0.31 86 i P Pg 22 13 37.3 +1.1
YKLR 13nm, 0.4s eSg Sg 22 13 40.4 +0.2
YKLR 13nm, 0.5s eSg Sg 22 13 40.4 +0.2

IDC 09 22:13:30.7.0.0, 56.54N; 121.12E, h12km, mb0.0/20,
ML4.7/16, Ms0.0/20
NEIC 09 22:13:30.4.1.4, 56.58N; 0.04; 121.1E; 0.1, h9km, 5km,
mb4.0/7, Error ellipse: s-maj=9.1km s-min=4.3km
az=113.0

9d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OGRR, KELR, TRG, KPC, TRTB, ZRH, etc.

2014 MAR

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

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

Table with columns: PKIN, PHULCHOKI, 15.77, 92, eP, Pn, 23 57 15.3 -2.3, etc. Lists various astronomical objects and their coordinates.

Table with columns: OTAV, GRIC, GARGO, 2.13, 52, eP, Pn, 00 22 22.9 -1.6, etc. Lists astronomical objects and their coordinates.

MEX 10 00:37:57.2 0.4, 15:54N:08:48W, h5km, d4km, MD5.8
IDC 10 00:37:58.5 2.8, 16:24N:08:27W, h0km, mb4.0/8,
mb1 4.2/13, mb1mx4.0/42, mbtmp4.0/13, ML3.75, MSS.1/1,
Ms1 5.1/1, ms1mx4.6/20, Error ellipse: s-maj=54.5km
s-min=18.8km az=19.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc. Lists station names and their associated data.

MOS 10 00:38:14.3 1.1, 16:08N:08:27W, h14km, mb5.7/50,
MSS.6/28, Error ellipse: s-maj=7.9km s-min=4.6km
az=98.4
BUJ 10 00:38:14.6 0.0, 16:06N:08:27W, h20km, mb6.1/35,
Ms6.2/34, Ms7.5/36
IDC 10 00:38:14.3 0.5, 15:59N:08:34W, h0km, mb4.7/31,
mb1 4.8/36, mb1mx4.8/42, mbtmp4.7/36, ML4.3/5, MSS.7/15,
Ms1 5.7/15, ms1mx5.6/18, Error ellipse: s-maj=15.0km
s-min=9.0km az=43.0
NEIC 10 00:38:15.1 1.4, 16:04N:0:06:98:34W, h0.05, h8km, 3km,
Ms6.6/57, Ms. 20.5 7.5/04, Mw6.0/4, Mw5.8,
Md5.8/58(MEX), Mw5.9(GCMT), Error ellipse:
s-maj=10.2km s-min=5.8km az=207.0
NEIC 10 00:38:15.1, 16:04N:08:34W, h3km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mr0.50;
Mw=0.46; Mw=0.04; Mo1.10; Mw0.07; Mw=0.24; Fault
plane solution: Ms1.23000x10^18 Np1.9x27.71000°;
s11.60000°, s84.88000°. NP2:ms101.94000°, s78.45000°,
s91.05000°. Principal axes: T 1.2448, Plg57.0000°,
s113.0000°. N -0.0340, Plg1.0000°, Azm282.0000°; P
1.2109, Plg33.0000°. Azm191.0000°.

Mw=0.97±0.03; Mw=1.77±0.09; Best double couple:
Ms5.94300x10^17 Np1.9x27.60000°, s26.0000°,
s76.0000°. NP2:ms112.0000°, s65.0000°, s97.00000°.
Principal axes: T 6.1210, Plg69.0000°, Azm36.0000°; N
-0.3480, Plg6.0000°, Azm289.0000°; P -5.7650,
Plg20.0000°, Azm197.0000°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function
UCR 10 00:38:19.3 3.2, 16:08N:08:27W, h10km, mb5.8(NEIC)
INET 10 00:38:20.9, 16:12N:08:27W, h10km, ML5.7
NEIC 10 00:38:24.6, 16:12N:08:25W, h16km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr3.80;
Mw=2.83; Mw=0.97; Mw4.66; Mw0.82; Mw=1.41; Fault
plane solution: Ms6.01000x10^17 Np1.9x108.0000°,
s72.00000°, s89.00000°. NP2:ms292.00000°, s18.00000°,
s94.00000°. Principal axes: T 6.3113, Plg63.0000°,
Azm15.0000°; N -0.6674, Plg1.0000°, Azm108.0000°; P
-5.6439, Plg27.0000°, Azm199.0000°;
BGR 10 00:38:27.9 0.0, 18:56N:08:03W, h22km, mb6.0,
mb BB6.5, Ms5.9
ISC 10 00:38:15.9 0.3, 15:92N:0:04:98:38W, h0.03, h17km,
m1539, i#361/328, mb5.6/315, MSS.7/300, 19C-5D, Off
coast of Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc. Lists station names and their associated data.

10d Oh

2014 MAR

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics (e.g., SNR, BER, etc.).

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PMRV	Marv??o	80.82	52	eSKS	SKSac	01 00 47.4 +0.1
PMRV	Marv??o	80.82	52	eLR	LR	01 15 31.3
PBDV	Barranco-do-Ve	80.89	54	eP	P	00 50 29.7 +0.1
PBDV	Barranco-do-Ve	80.89	54	eSKS	SKSac	01 00 49.4 +1.5
PVAQ	Vaqueiros	81.03	54	IAMS_20	IAMS_20	01 24 17.7
PVAQ	Vaqueiros	81.03	54	eP	P	00 50 31.4 +1.2
PVAQ	Vaqueiros	81.03	54	eSKS	SKSac	01 00 51.0 +2.3
PVAQ	Vaqueiros	81.03	54	eSS	SS	01 05 53.1 -0.2
PVAQ	Vaqueiros	81.03	54	eLR	LR	01 15 56.9
TTIG	Thine Tigouga, SNR=6.1	82.03	61	P	P	00 50 40.0 +4.2
PAB	San Pablo	83.08	51	P	P	00 50 40.5 -0.6
PAB	San Pablo	83.08	51	P	P	00 50 40.5 -0.6
PAB	San Pablo	83.08	51	IAMS_20	IAMS_20	01 21 47.7
ESDC	Sonsecá Array	83.33	51	P	P	00 50 43.2 +0.9
ESDC	Sonsecá Array	83.33	51	P	P	00 50 41.4 -0.9
ESDB	Sonsecá Array	83.33	51	IAMB	IAMB	00 51 35.1
ESDB	Sonsecá Array	83.33	51	IAMB	IAMB	00 51 35.1
OZUM	Ouz	83.34	60	P	P	00 50 44.1 +1.5
TZRZ	Tazzarine	84.36	60	P	P	00 50 50.0 +2.1
SEY	Seymchan	84.42	334	I/P	P	00 50 48.6 +1.3
ZGR	Zagora	84.49	60	P	P	00 50 50.0 +1.5
MDT	Midelt	84.62	58	P	P	00 50 50.2 +1.1
PET	Petrovavlovsk	85.02	324	IAMS_20	IAMS_20	01 29 28.4
ARF	Arif	85.31	59	P	P	00 50 54.2 +1.6
NB2	NORSAR Subarra	85.35	27	P	P	00 50 52.6 +0.5
NB2	NORSAR Subarra	85.35	27	P	P	00 50 52.6 +0.5
NOA	NORSAR Array B	85.35	27	P	P	00 50 53.2 +1.1
PEAOB	Petrovavlovsk	85.53	324	IAMB	IAMB	00 51 01.8
PEAOB	Petrovavlovsk	85.53	324	IAMS_20	IAMS_20	01 29 43.8
PETK	Petrovavlovsk	85.53	324	P	P	00 50 53.9 +0.7
PETK	Petrovavlovsk	85.53	324	P	P	00 50 52.8 -0.4
PETK	Petrovavlovsk	85.53	324	P	P	00 50 52.8 -0.4
UCC	Uccle	85.64	38	IAMB	IAMB	00 51 00.8
UCC	Uccle	85.64	38	IAMS_20	IAMS_20	01 30 36.4
CART	Cartagena	86.14	52	IAMS_20	IAMS_20	01 24 25.8
ARCES	ARCES Array B	86.19	17	P	P	00 50 55.7 -0.4
MA2	Magadan	86.55	332	eP	P	00 50 58.9 +0.9
MA2	Magadan	86.55	332	P	P	00 50 57.9 -0.1
MA2	Magadan	86.55	332	IAMB	IAMB	00 51 12.6
MA2	Magadan	86.55	332	IAMS_20	IAMS_20	01 28 22.0
TIXI	Tiksi	87.04	347	I/P	P	00 50 59.5 -0.7
TIXI	Tiksi	87.04	347	P	P	00 51 00.3 +0.1
TIXI	Tiksi	87.04	347	IAMB	IAMB	00 51 06.7
TIXI	Tiksi	87.04	347	IAMS_20	IAMS_20	01 30 24.2
WLF	Walferdange	87.12	39	IAMB	IAMB	00 51 08.6
HOPE	Hope Point	87.42	149	IAMS_20	IAMS_20	01 27 13.8
SSB	Saint Sauveur	87.64	44	P	P	00 51 03.3 -0.4
SSB	Saint Sauveur	87.64	44	P	P	00 51 03.3 -0.4
SSB	Saint Sauveur	87.64	44	IAMB	IAMB	00 51 11.0
SSB	Saint Sauveur	87.64	44	IAMS_20	IAMS_20	01 33 38.9
BFO	Black Forest	88.95	40	IAMS_20	IAMS_20	01 32 22.0
BNI	Bardonecchia	89.14	43	IAMS_20	IAMS_20	01 34 54.3
STU	Stuttgart	89.30	39	IAMS_20	IAMS_20	01 33 04.3
H1S1	WAKE ISLAND Hy	89.56	289	T	T	02 30 16.4
H1S2	WAKE ISLAND Hy	89.56	289	T	T	02 30 16.7
H1S3	WAKE ISLAND Hy	89.58	289	T	T	02 30 14.3
APA	Apatity	89.68	17	I/P	P	00 51 00.0 -1.3
GRA1	Grafenberg Arr	90.14	38	IAMB	IAMB	00 51 22.9
GRF	Grafenberg Arr	90.14	38	eP	P	00 51 15.1 -0.2
GRF	Grafenberg Arr	90.14	38	eP	P	00 51 21.5 +1.0
GRF	Grafenberg Arr	90.14	38	eP	P	00 54 47.8 -0.5
TUE	Stuetta	90.31	41	IAMS_20	IAMS_20	01 32 38.3
DAVA	Damuels	90.32	40	I/P	P	00 51 17.4 +1.0
DAVA	Damuels	90.32	40	I/P	P	00 54 50.1 +0.1
CLL	Colim	90.46	36	eP	P	00 51 17.0 +0.3
CLL	Colim	90.46	36	eP	P	00 51 43.0
CLL	Colim	90.46	36	ePPP	PPP	00 56 48.0
CLL	Colim	90.46	36	eSKS	SKSac	01 01 53.0 +5.5
CLL	Colim	90.46	36	ePS	PS	01 03 21.0 +1.3
CLL	Colim	90.46	36	eSS	SS	01 08 15.0 +4.1
CLL	Colim	90.46	36	eSSS	SSS	01 09 18.0
CLL	Colim	90.46	36	eSSSS	SSSS	01 15 00.0
CLL	Colim	90.46	36	eLMH	LMH	01 32 00.0
CLL	Colim	90.46	36	eP	P	00 51 17.0 +0.3
NKC	Novy Kostel	90.62	37	AMS	AMS	01 34 00.0
RETA	Reutte	90.78	40	I/P	P	00 51 19.6 +1.1
RETA	Reutte	90.78	40	I/P	P	00 54 53.1 -0.5
FETA	Feichten	90.96	40	I/P	P	00 51 20.7 +1.3
FETA	Feichten	90.96	40	I/P	P	00 54 53.1 -2.0
MOTA	Moosalm	91.06	40	I/P	P	00 51 21.0 +1.2
MOTA	Moosalm	91.06	40	I/P	P	00 54 56.4 +0.5
SOTA	Sankt Quirin	91.17	40	I/P	P	00 51 21.0 +0.6
SOTA	Sankt Quirin	91.17	40	I/P	P	00 54 58.5 +1.7
BRG	Berggiesshubel	91.19	36	eP	P	00 51 20.4 +0.3
BRG	Berggiesshubel	91.19	36	eP	P	00 51 26.1

BRG	comp=Z,22nm,1.7s	ePP	PP	00 54 57.9 +1.3		
BRG	comp=Z,26nm,1.7s	eSKS	SKSac	01 01 56.0 +4.3		
BRG	Berggiesshubel	91.19	36	eP	P	01 08 18.0 -3.4
BRG	Berggiesshubel	91.19	36	eP	P	00 51 20.4 +0.3
BRG	Berggiesshubel	91.19	36	eP	P	00 51 26.1
BRG	Berggiesshubel	91.19	36	eP	P	00 54 57.9
BRG	Berggiesshubel	91.19	36	eP	P	01 01 56.0
BRG	Berggiesshubel	91.19	36	eP	P	01 08 18.0 -3.4
BRG	comp=Z,16nm,1.5s	SS	SS	00 54 57.9		
BRG	comp=Z,22nm,1.7s	SS	SS	01 01 56.0		
BRG	comp=Z,26nm,1.7s	SS	SS	01 08 18.0 -3.4		
BRG	comp=N,1µm,17.7s	SS	SS	00 54 57.9		
BRG	comp=E,2µm,20.3s	SS	SS	01 01 56.0		
BRG	comp=Z,2µm,11.8s	SS	SS	01 08 18.0 -3.4		
FINES	FINES Array B	91.29	23	P	P	00 51 21.1 +0.7
FINES	FINES Array B	91.29	23	P	P	01 33 14.1
WATA	Walderalm	91.35	40	I/P	P	00 51 21.8 +0.6
WATA	Walderalm	91.35	40	I/P	P	00 54 56.6 -1.6
WTTA	Wattenberg	91.42	40	IAMS_20	IAMS_20	00 51 21.9 +0.4
WTTA	Wattenberg	91.42	40	IAMS_20	IAMS_20	00 54 58.9 +0.1
PVCC	Panska Ves	91.70	36	eSS	SS	01 08 32.5 +3.7
PVCC	Panska Ves	91.70	36	eSS	SS	01 36 00.0
KHC	Kasperske Hory	91.77	38	eP	P	00 51 23.7 +0.8
KHC	Kasperske Hory	91.77	38	eP	P	00 55 01.5 +0.2
KHC	Kasperske Hory	91.77	38	eP	P	01 01 58.5 +3.3
KHC	Kasperske Hory	91.77	38	eP	P	01 08 33.5 +3.6
KHC	Kasperske Hory	91.77	38	eP	P	01 34 40.0
KHC	Kasperske Hory	91.77	38	eP	P	00 51 23.7 +0.8
KHC	Kasperske Hory	91.77	38	eP	P	00 55 01.5
KHC	Kasperske Hory	91.77	38	eP	P	01 01 58.5
KHC	Kasperske Hory	91.77	38	eP	P	01 08 33.5 +3.6
PRA	Prague	91.83	36	AMS	AMS	01 34 30.0
VLC	Vilacolemand	91.92	43	IAMS_20	IAMS_20	01 32 58.0
PRU	Pruhonice	91.93	37	AMS	AMS	01 34 30.0
CTI	Castel Tesino	91.94	41	IAMS_20	IAMS_20	01 34 08.4
GEC2	GERESS Array S	91.97	38	P	P	00 51 23.5 -0.4
GEC2	GERESS Array S	91.97	38	P	P	01 34 47.7
GERES	GERESS Array B	91.97	38	P	P	00 51 24.7 +0.7
GERES	GERESS Array B	91.97	38	P	P	00 55 00.0 -2.9
GERES	GERESS Array B	91.97	38	P	P	01 34 48.6
GERES	GERESS Array B	91.97	38	P	P	00 51 23.5 -0.4
GERES	GERESS Array B	91.97	38	P	P	00 51 23.5 -0.4
GERES	GERESS Array B	91.97	38	P	P	01 34 40.0
ABTA	Abfattersbach	92.18	40	I/P	P	00 51 24.2 -0.7
TEOL	Teolo	92.25	42	IAMS_20	IAMS_20	01 36 59.6
CHVC	Chvalec	92.50	36	eSKS	SKSac	01 02 01.3 +2.1
CHVC	Chvalec	92.50	36	eSKS	SKSac	01 33 30.0
UPC	Upeice	92.52	36	eSS	SS	01 08 50.3 +1.0
KBA	Koelnbreinsper	92.55	39	I/P	P	00 51 26.6 -0.1
OSTO	Ostas	92.61	35	eP	P	00 51 27.4 +0.6
OSTO	Ostas	92.61	35	eP	P	01 35 40.0
KLNR	Kalininograd	92.65	31	eP	P	00 51 29.9 +3.1
OSSC	Osseratorio P	92.75	43	IAMS_20	IAMS_20	01 33 01.0
MOA	Molin	92.76	38	I/P	P	00 51 26.6 -0.9
MOA	Molin	92.76	38	I/P	P	00 55 10.9 +1.8
DPC	Dobruska-Polom	92.77	36	eSS	SS	01 08 43.6 -0.6
DPC	Dobruska-Polom	92.77	36	eSS	SS	01 38 50.0
TREC	Trest	92.80	37	AMS	AMS	01 36 30.0
MYKA	Terra Mystica	92.93	40	I/P	P	00 51 29.7 +1.3
MYKA	Terra Mystica	92.93	40	I/P	P	00 55 12.9 +2.4
KRLC	Kraliky	93.16	36	AMS	AMS	01 38 50.0
TRI	Trieste	93.42	41	IAMS_20	IAMS_20	01 35 42.4
VRAC	Vranov	93.43	36	eP	P	00 51 30.3 -0.3
KRUC	Krakov	93.44	37	eP	P	00 55 13.6 -0.7
KRUC	Krakov	93.44	37	eP	P	00 51 30.4 -0.2
OBKA	Obir	93.54	40	I/P	P	00 55 13.1 -1.2
OBKA	Obir	93.54	40	I/P	P	00 55 13.2 0.0
OBKA	Obir	93.54	40	I/P	P	00 55 15.4 0.0
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK	Yakutsk	93.60	339	eP	P	00 55 17.3
YAK	Yakutsk	93.60	339	eP	P	01 02 04.8 +0.1
YAK	Yakutsk	93.60	339	eP	P	00 51 30.8 -0.2
YAK	Yakutsk	93.60	339	eP	P	00 51 38.3 +0.2
YAK						

MAN 10 00:54:03.6, 5.83N, 125.22E, h12km, mb4.4, ML3.2, MS3.0, 2C, Mindanao

NWLT Wulai baz=256 0.75 266 P Pb 01 17 50.4 -0.1

OSI Osto Audit: C 0.20 319 Pg 01 58 15.6 0.0

THE 10 00:54:18.1, 38.18N, 20.39E, h8km, ML2.7/3, Error ellipse: s-maj=0.9km s-min=0.5km az=243.0

YMW1 YMW1 baz=293 0.76 295 I P Pg 01 17 50.2 +0.3

IDC 10 02:20:27.6:2.1, 55.93S, 146.68E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.8/24, mbtmp3.7/4, Error ellipse: s-maj=24.8km s-min=26.6km az=78.0, West of Macquarie Island

Code Station Name Δ° AZZ Phase ID Op ISC Time Res h m s ISC

NWLT Wulai baz=256 0.75 266 P Pb 01 17 50.4 -0.1

Code Station Name Δ° AZZ Phase ID Op ISC Time Res h m s ISC

JMA 10 01:17:35.6:0.1, 24.78N, 122.32E, h8km, 3km, M2.5

CHGB Renai baz=234 1.30 234 eP Sg 01 18 00.1 -0.2

SSNC 10 02:23:08.8:2.7, 23.42N, 80.61W, h5km, MD3.6, ML2.5, MW3.3, Cuba region

Code Station Name Δ° AZZ Phase ID Op ISC Time Res h m s ISC

CHGB Renai baz=234 1.30 234 eP Sg 01 18 00.1 -0.2

Code Station Name Δ° AZZ Phase ID Op ISC Time Res h m s ISC

MOS 10 02:26:53.8:0.8, 50.92N, 158.02E, h58km, mb4.3/11, Error ellipse: s-maj=1.7km s-min=3.6km az=84.5

MOS Fell (II) at Severo-Kuril'sk. KRSC 10 02:26:53.4:1.1, 51.01N, 158.13E, h44km, 14km, ML4.7

NEIC 10 02:26:55.8:1.0, 51.01N, 157.99E, h82km, 9km, mb4.2/27, Error ellipse: s-maj=18.6km s-min=13.4km az=119.0

IDC 10 02:27:00.9:2.9, 51.34N, 157.83E, h88km, 22km, mb3.6/20, mb1 3.8/21, mb1mx3.6/57, mbtmp3.9/21, Error ellipse: s-maj=27.3km s-min=12.3km az=169.0

ISC 10 02:26:55.8:1.0, 51.01N, 157.99E, h5km, 3km, mb1, n164, r133/191, mb4.2/43, 9C-3D, Near east coast of Kamchatka Peninsula

Code Station Name Δ° AZZ Phase ID Op ISC Time Res h m s ISC

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like KOD Koryaka, KRER Koryakskii, KRER Koryakskii, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like BRVK comp=Z,2.0nm,0.6s, BRVK Borovoye, ARU Arti, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like THAS Thassos island, THAS THAS, THAS THAS, etc.

IDC 10 02:29:50.4,3.3,17.345x174.39W,h89km,32km,mb3.7/6, mb1 4.0/7, mb1mx3.7/29, mbtmp4.1/7, Error ellipse: s-maj=45.1km s-min=17.8km az=136.0

NEIC 10 02:29:52.5,1.0,17.29S;0.10x173.7W;0.2,h161km,11km, mb4.1/4, Error ellipse: s-maj=22.7km s-min=12.7km

ISC 10 02:29:53.4,1.0,17.5S;0.1x173.8W;0.1,h150km,n18, az180/13,mb4.0/8,Tonga Islands

SOF 10 02:37:25.1,40.78N-25.61E,h9km,MD2.9 DDA 10 02:37:25.8,40.76N-25.58E,h10km,3km,ML2.6

ISK 10 02:37:25.9,40.76N-25.61E,h4km,ML3.0/2.1 ATH 10 02:37:25.7,40.75N-25.56E,h22km,1km,ML2.5/4, Error ellipse: s-maj=1.9km s-min=1.2km az=62.0

THE 10 02:37:26.2,40.75N-25.5E,h5km,1km,ML2.6, Error ellipse: s-maj=1.1km s-min=0.5km az=109.0

ISC 10 02:37:26.0,0.9,40.76N;0.02-25.57E;0.02,h13km,7km, n76,c087/11,9C-6D,Aegean Sea

NEIC 10 02:50:00.1,2.0,4.17N;0.06x124.49E;0.08,h317km,5km, mb4.8/92, Error ellipse: s-maj=11.0km s-min=9.2km az=80.0

BUI 10 02:50:00.0,0.0,4.30N;124.60E,h315km,mb4.8/44, mb4.7/63

KLM 10 02:50:01.0,4.08N;124.63E,h333km,mb5.0 DJA 10 02:50:02.0,0.2,4.12N;121.56E,h316km,2km,M4.8/61, mb5.0/61,mb5.3/27,MLV5.7/17,Mw(mb)4.7/27,Mwp6.4/1

IDC 10 02:50:02.0,0.7,4.13N;124.54E,h331km,6km,mb3.3/35, mb1 4.4/38, mb1mx4.3/45, mbtmp5.0/38, Error ellipse: s-maj=10.9km s-min=5.4km az=76.0

ISC 10 02:50:01.3,0.5,4.13N;0.03-124.57E;0.05,h326km,4km, n261,01529/286,mb4.7/86,11C-8D,Celebes Sea

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like COTABATO-PC H, DAVAO CITY (W), DAVAO CITY (W), etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like PMG, PBKKT Sadao Pong, SHLN Son La, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like KLR Kul'dur, KLR comp=Z,8.9nm,0.5s, etc.

Table with multiple columns containing station call signs, names, frequencies, and other identifiers. The table is organized into several vertical sections, each starting with a call sign or name. The data includes various station identifiers and their corresponding frequencies and other details.

PDAR	Pinedale Array	11.78 75	Pn	Pn	05 21 04.1 +1.8
PDAR	comp=Z,2.9nm,0.3s,baz=253,slow=12,SNR=184		Lg	Lg	05 24 17.4
PDAR	baz=254,slow=22,SNR=2.0		LR	LR	05 25 56.7
RDMU	Red Mountain	11.79 86	Pn	Pn	05 21 05.1 +2.6
YNE	Yellowstone No	11.86 64	Pn	Pn	05 21 03.6 +0.1
WUAZ	Wupatki	11.98 111	Pn	Pn	05 21 06.2 +1.2
WUAZ	Wupatki	11.98 111	P	P	05 21 07.7 +2.6
113A	Mohawk Valley,	12.05 128	Pn	Pn	05 21 06.9 +1.0
GCMT	Greycliff	12.32 61	Pn	Pn	05 21 09.0 -0.7
RLMT	Red Lodge	12.40 84	Pn	Pn	05 21 12.4 +1.6
RLMT	Red Lodge	12.40 84	P	P	05 21 11.2 +0.4
X16A	Lo Mia Camp, P	12.52 116	Pn	Pn	05 21 14.9 +2.5
O20A	White River Ci	12.85 87	Pn	Pn	05 21 16.2 -0.8
O20A	White River Ci	12.85 87	P	P	05 21 17.6 +0.7
EGMT	Eagleton	13.16 51	P	P	05 21 19.5 -1.6
EGMT	Eagleton	13.16 51	P	P	05 21 19.4 -1.6
214A	Organ Pipe Nat	13.20 128	Pn	Pn	05 21 21.9 +0.4
214A	Organ Pipe Nat	13.20 128	P	P	05 21 23.3 +1.8
MOBC	Moresby Island	13.28 342	Pn	Pn	05 21 23.4 +0.9
W18A	Petrified Forest	13.34 110	Pn	Pn	05 21 25.8 +2.1
W18A	Petrified Forest	13.34 110	P	P	05 21 25.8 +2.1
MVCO	Mesa Verde	13.38 100	Pn	Pn	05 21 25.3 +1.2
DIB	Dawson Inlet,	13.45 341	Pn	Pn	05 21 26.6 +1.7
H02S1	DAWSON INLET T	13.45 341	Pn	Pn	05 21 26.6 +1.8
RHW1	Rawlins	13.50 80	Pn	Pn	05 21 24.5 -1.3
H02N1	VAIN INLET T-PH	13.52 341	Pn	Pn	05 21 28.1 +2.3
K22A	Casper	14.01 76	Pn	Pn	05 21 31.8 -0.9
K22A	Casper	14.01 76	P	P	05 21 30.8 -1.9
TUC	Tucson	14.23 122	P	P	05 21 39.4 -3.8
TUC	Tucson	14.23 122	P	P	05 21 39.4 -3.8
TUC	Tucson	14.23 122	P	P	05 21 38.0 +2.4
S22A	4UR Ranch, Cre	14.46 96	Pn	Pn	05 21 39.7 +0.6
N23A	Red Feather La	14.50 83	Pn	Pn	05 21 39.8 +0.2
N23A	Red Feather La	14.50 83	P	P	05 21 38.0 -1.5
LAO	LASA Array	14.88 60	Pn	Pn	05 21 42.5 -2.0
LAO	LASA Array	14.88 60	P	P	05 21 42.3 -2.1
ISCO	Idaho Springs	14.90 87	Pn	Pn	05 21 46.1 +1.1
ISCO	Idaho Springs	14.90 87	P	P	05 21 46.1 +1.1
ISCO	Idaho Springs	14.90 87	P	P	05 21 43.9 -1.1
Q24A	Divide	15.42 90	Pn	Pn	05 21 50.9 -1.0
Q24A	Divide	15.42 90	P	P	05 21 51.6 -0.3
SDCO	Great Sand Dun	15.46 95	Pn	Pn	05 21 54.2 +1.6
SDCO	Great Sand Dun	15.46 95	IAMB	IAMB	05 22 09.8
SDCO	Great Sand Dun	15.46 95	P	P	05 21 52.9 +0.4
ANMO	Albuquerque	15.80 105	Pn	Pn	05 21 57.0 +0.2
ANMO	comp=Z,5.4nm,0.3s,baz=76,slow=14,SNR=3.6		Lg	Lg	05 26 36.2
ANMO	comp=Z,5.03um,18.2s,baz=195,slow=42		LR	LR	05 29 12.7
ANMO	Albuquerque	15.80 105	Pn	Pn	05 21 57.2 +0.4
ANMO	Albuquerque	15.80 105	P	P	05 21 57.2 +0.4
319A	Douglas	15.80 121	IAMB	IAMB	05 22 16.7
Y22D	IRIS PASSCAL I	15.88 109	IAMB	IAMB	05 22 01.5 -0.1
Y22D	IRIS PASSCAL I	15.88 109	P	P	05 21 59.8 -1.7
RSSD	Black Hills	15.91 71	P	P	05 21 55.0 -3.2
RSSD	Black Hills	15.91 71	Pn	Pn	05 21 55.0 -3.2
RSSD	Black Hills	15.91 71	P	P	05 21 54.1 -4.1
121A	Cookes Peak, D	16.10 115	P	P	05 22 03.5 -0.6
121A	Cookes Peak, D	16.10 115	P	P	05 22 03.0 -1.0
WRAK	Wrangell Islan	16.41 346	IAMB	IAMB	05 22 04.4 +0.1
WRAK	Wrangell Islan	16.41 346	P	P	05 22 25.2
HSIG	Trinidad	16.43 131	P	P	05 22 06.6 -1.0
T25A	Trinidad	16.48 96	IAMB	IAMB	05 22 05.9 +0.4
T25A	Trinidad	16.48 96	Pn	Pn	05 22 06.2 +0.7
DGMT	Dagmar	16.74 55	IAMB	IAMB	05 22 06.3 -2.3
DGMT	Dagmar	16.74 55	P	P	05 22 30.5
DGMT	Dagmar	16.74 55	Pn	Pn	05 22 05.7 -2.9
SRIG	Santa Rosalia	17.07 138	IAMB	IAMB	05 22 16.9 +2.3
SRIG	Santa Rosalia	17.07 138	P	P	05 22 33.3
KSCG	Kaye Shedlock'	17.32 88	Pn	Pn	05 22 15.9 -0.2
KSCG	Kaye Shedlock'	17.32 88	IAMB	IAMB	05 22 20.4
KSCG	Kaye Shedlock'	17.32 88	P	P	05 22 15.0 -1.1
OGNE	Ogallala	17.44 82	Pn	Pn	05 22 15.5 -2.0
OGNE	Ogallala	17.44 82	P	P	05 22 14.9 -2.7
SIT	Sitka	17.64 341	Pn	Pn	05 22 16.2 -3.6
SIT	Sitka	17.64 341	P	P	05 22 16.2 -3.6
SIT	Sitka	17.64 341	Pn	Pn	05 22 16.2 -3.6
DLBC	Dease Lake	18.01 352	Pn	Pn	05 22 25.5 +0.6
DLBC	comp=Z,1.0nm,0.3s,baz=177,slow=11,SNR=66		P	P	05 22 22.9 -1.4
DLBC	Dease Lake	18.01 352	IAMB	IAMB	05 22 34.3
MNTX	Cornudas Mount	18.24 113	P	P	05 22 28.8 +1.1
MNTX	Cornudas Mount	18.24 113	P	P	05 22 28.8 +1.1
MNTX	Cornudas Mount	18.24 113	S	S	05 26 05.1 +8.4
JIS	Juneau Island	18.55 344	P	P	05 22 28.1 -2.6
BESE	Bessie Mountai	18.92 344	P	P	05 22 33.8 -1.1
MSTX	Muleshoe	18.95 104	P	P	05 22 34.6 -1.0
MSTX	Muleshoe	18.95 104	IAMB	IAMB	05 23 10.5
MSTX	Muleshoe	18.95 104	P	P	05 22 34.0 -1.6
MSTX	Muleshoe	18.95 104	S	S	05 26 18.5 +7.4
AMTX	Amarillo	19.37 100	P	P	05 22 39.2 -0.8
AMTX	Amarillo	19.37 100	P	P	05 22 38.5 -1.6
AMTX	Amarillo	19.37 100	S	S	05 26 23.5 +4.0
MDND	Maddock	19.53 60	IAMB	IAMB	05 22 39.5 -2.1
MDND	Maddock	19.53 60	P	P	05 23 00.1
MDND	Maddock	19.53 60	P	P	05 22 39.1 -2.5
MDND	Maddock	19.53 60	S	S	05 26 16.5 -5.7
CBKS	Cedar Bluff	19.56 87	P	P	05 22 40.8 -1.3
CBKS	Cedar Bluff	19.56 87	P	P	05 22 40.8 -1.3
CBKS	Cedar Bluff	19.56 87	IAMB	IAMB	05 22 40.8 -1.3
CBKS	Cedar Bluff	19.56 87	P	P	05 22 39.2 -2.9
CBKS	Cedar Bluff	19.56 87	S	S	05 26 21.8 -1.4
SUSD	Miller	19.57 70	P	P	05 22 39.2 -2.9
SUSD	Miller	19.57 70	IAMB	IAMB	05 22 56.8
SUSD	Miller	19.57 70	P	P	05 22 38.1 -3.9
SUSD	Miller	19.57 70	S	S	05 26 22.8 -0.4

SKAG	Skagway	19.83 344	P	P	05 22 42.4 -2.4
SKAG	Skagway	19.83 344	IAMB	IAMB	05 23 04.4
DHAK	Deception Hill	20.17 340	P	P	05 22 46.3 -2.2
BGNE	Belgrade	20.30 79	IAMB	IAMB	05 22 47.2 -2.9
BGNE	Belgrade	20.30 79	P	P	05 22 46.4 -3.7
BGNE	Belgrade	20.30 79	S	S	05 26 33.6 -4.3
R32A	Long Quarter,	20.44 88	P	P	05 22 50.5 -1.2
R32A	Long Quarter,	20.44 88	IAMS_20	IAMS_20	05 31 26.1
LPIG	La Paz	20.70 139	Pn	Pn	05 22 56.7 0.0
LPIG	comp=Z,2.442um,19.0s		LR	LR	05 30 53.2
LPIG	comp=Z,2.17nm,0.9s,baz=24,slow=3.3,SNR=11		P	P	05 22 53.6 -1.7
FFC	Flin Flon	20.79 40	P	P	05 22 53.6 -1.7
FFC	Flin Flon	20.79 40	Pmax	Pmax	05 22 53.6 -1.7
FFC	Flin Flon	20.79 40	MLR	MLR	05 22 53.6 -1.7
FFC	Flin Flon	20.79 40	P	P	05 22 53.6 -1.7
FFC	Flin Flon	20.79 40	IAMB	IAMB	05 23 03.9
U32A	Winter Ranch,	20.83 94	IAMS_20	IAMS_20	05 31 45.8
U32A	Winter Ranch,	20.83 94	P	P	05 22 55.8 -0.3
TX31	Lajitas Ar. Si	20.84 116	P	P	05 22 55.8 -0.3
TX31	Lajitas Ar. Si	20.84 116	IAMB	IAMB	05 23 05.3
TX32	Lajitas Array	20.84 116	P	P	05 22 56.4 +0.3
TX32	Lajitas Array	20.84 116	IAMB	IAMB	05 23 05.3
TXAR	Lajitas Array	20.84 116	P	Pn	05 22 57.5 -1.1
TXAR	comp=Z,2.25nm,0.7s,baz=300,slow=7.7,SNR=780		LR	LR	05 31 09.7
TXAR	Lajitas Array	20.84 116	P	P	05 22 57.0 +0.9
TXAR	Lajitas Array	20.84 116	P	P	05 22 57.0 +0.9
WHY	Whitehorse	20.86 346	P	P	05 22 54.3 -1.8
HPG	Hogback	21.14 125	P	P	05 22 59.1 +0.3
H32A	Dogwood Acres,	21.16 63	P	P	05 22 54.7 -1.7
ECSD	EROS Data Cent	21.25 72	P	P	05 22 57.1 -3.3
ECSD	EROS Data Cent	21.25 72	P	P	05 22 56.0 -4.4
ECSD	EROS Data Cent	21.25 72	S	S	05 26 52.6 -4.2
HYT	Haines Junctio	21.53 343	P	P	05 23 00.5 -2.8
PCA	Pinnacle	21.57 339	IAMB	IAMB	05 23 04.4 +0.7
PCA	Pinnacle	21.57 339	P	P	05 23 31.8
WMOK	Wichita Mounta	21.61 98	P	Pmax	05 23 02.7 -1.5
WMOK	Wichita Mounta	21.61 98	Pmax	Pmax	05 23 02.7 -1.5
WMOK	Wichita Mounta	21.61 98	MLR	MLR	05 23 02.7 -1.5
WMOK	Wichita Mounta	21.61 98	P	P	05 32 18.5
WMOK	Wichita Mounta	21.61 98	IAMS_20	IAMS_20	05 32 18.5
WMOK	Wichita Mounta	21.61 98	P	P	05 23 01.8 -2.4
WMOK	Wichita Mounta	21.61 98	S	S	05 27 04.7 +0.8
KSU1	Kansas State U	21.87 85	P	P	05 23 03.9 -3.1
KSU1	Kansas State U	21.87 85	S	S	05 27 09.8 +0.9
KSU1	Kansas State U	21.87 85	P	P	05 23 03.9 -3.1
ABTX	Abilene, Hawle	21.90 104	IAMB	IAMB	05 23 05.9 -1.5
ABTX	Abilene, Hawle	21.90 104	P	P	05 23 17.9
ABTX	Abilene, Hawle	21.90 104	P	P	05 23 05.5 -1.9
ABTX	Abilene, Hawle	21.90 104	S	S	05 27 13.7 +4.1
AGMN	Agassiz Nation	22.08 60	P	P	05 23 06.8 -2.3
AGMN	Agassiz Nation	22.08 60	IAMB	IAMB	05 23 31.6
AGMN	Agassiz Nation	22.08 60	P	P	05 23 05.8 -3.4
AGMN	Agassiz Nation	22.08 60	S	S	05 27 08.3 -4.5
ADOK	Arcadia Dam	22.32 94	P	P	05 23 10.9 -0.9
OKCFA	Oklahoma City	22.35 95	P	P	05 23 10.0 -2.2
OKCFA	Oklahoma City	22.35 95	IAMS_20	IAMS_20	05 32 45.0
okcsw	OKLAHOMA CITY	22.36 95	P	P	05 23 10.2 -2.1
X34A	Smith Ranch, M	22.38 97	P	P	05 23 11.3 -1.2
X34A	Smith Ranch, M	22.38 97	IAMB	IAMB	05 23 23.5
FNO	Franklin	22.45 95	P	P	05 23 11.7 -1.5
ULM	Lac du Bonnet	22.46 55	P	P	05 23 11.5 -1.7
ULM	comp=Z,356nm,0.9s,baz=263,slow=10,SNR=175		S	S	05 27 24.1 +4.1
ULM	Lac du Bonnet	22.46 55	Lg	Lg	05 30 01.8
ULM	Lac du Bonnet	22.46 55	P	P	05 23 11.3 -1.9
ULM	Lac du Bonnet	22.46 55	P	P	05 23 10.6 -2.6
ULM	Lac du Bonnet	22.46 55	IAMS_20	IAMS_20	05 32 24.9
T35A	Sooner Cattle	22.54 90	IAMB	IAMB	05 23 12.5 -1.8
T35A	Sooner Cattle	22.54 90	P	P	05 23 25.4
T35A	Sooner Cattle	22.54 90	IAMS_20	IAMS_20	05 32 21.9
CTGM	Chitina Glacie	22.59 339	P	P	05 23 11.4 -3.3
CTGM	Chitina Glacie	22.59 339	IAMB	IAMB	05 23 35.7
YKA	Yellowknife Ar	22.69 13	P	P	05 23 13.3 -2.3
YKA	comp=Z,420nm,1.0s,baz=198,slow=11,SNR=404		LR	LR	05 32 34.1
BARN	Barnard Glacie	22.76 339	P	P	05 23 14.3 -2.2
TGL	Tana Glacie	22.84 337	IAMB	IAMB	05 23 58.3
W35A	Tecumseh	22.88 95	P	P	05 23 15.5 -2.3
JCT	Junction City	22.89 109	P	Pmax	05 23 17.5 -0.5
JCT	Junction City	22.89 109	Pmax	Pmax	05 23 17.5 -0.5
JCT	Junction City	22.89 109	MLR	MLR	05 23 17.4 -0.5
JCT	Junction City	22.89 109	P	P	05 23 32.2
JCT	Junction City	22.89 109	IAMB	IAMB	05 23 17.4 -0.5
JCT	Junction City	22.89 109	P	P	05 23 16.6 -1.4
JCT	Junction City	22.89 109	S	S	05 27 31.2 +3.0
BALM	Baldy	22.93 338	IAMB	IAMB	05 24 03.0
CRQUE	Cirque	22.93 337	IAMB	IAMB	05 23 49.0
Z35A	Perchaven, S	23.35 100	P	P	05 23 20.8 -1.9
Z35A	Perchaven, S	23.35 100	IAMB	IAMB	05 23 33.9
Z35A	Perchaven, S	23.35 100	IAMS_20	IAMS_20	05 33 22.8
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K48A	Perry	30.42	72	P	P	05 24 25.5	-1.0
K48A	baz=280			S	S	05 29 26.4	-1.3
I48A	Sherman Twp	30.50	70	P	P	05 24 27.0	-0.3
I48A	baz=278			S	S	05 29 30.5	+1.7
UNV	Unalaska Valle	30.55	310	P	P	05 24 27.4	+0.1
UNV	comp=Z,551nm,1.0s			IAMB	IAMB	05 24 34.7	
CLTN	Cedars of Leba	30.55	86	P	P	05 24 28.3	+0.5
CLTN	comp=Z,1.1um,1.6s			IAMB	IAMB	05 24 44.1	
CLTN	comp=Z,272um,18.0s			IAMS_20	IAMS_20	05 37 19.6	
E47A	Iron Bridge	30.55	65	P	P	05 24 27.3	-0.4
E47A	baz=275			S	S	05 29 30.3	+0.8
J48A	Bridge Port	30.58	71	P	P	05 24 27.8	-0.1
J48A	comp=Z,222um,21.0s			IAMS_20	IAMS_20	05 37 06.5	
J48A	baz=280			S	S	05 29 30.7	+0.6
X48A	Hartselle	30.61	89	P	P	05 24 27.5	-0.9
X48A	comp=Z,292um,19.0s			IAMS_20	IAMS_20	05 37 18.6	
D47A	Chapleau	30.62	64	P	P	05 24 27.9	-0.5
D47A	baz=274			S	S	05 29 31.2	+0.4
H48A	Harrisville	30.70	69	P	P	05 24 29.1	0.0
H48A	baz=278			S	S	05 29 34.0	+2.0
P49A	Miami Univ. Ec	30.70	79	P	P	05 24 27.3	-1.8
P49A	baz=286			S	S	05 29 29.2	-3.0
R49A	Shelbyville	30.71	81	P	P	05 24 28.7	-0.6
R49A	comp=Z,2um,1.9s			IAMB	IAMB	05 24 36.8	
R49A	comp=Z,246um,22.0s			IAMS_20	IAMS_20	05 37 15.7	
R49A	Shelbyville	30.71	81	P	P	05 24 27.0	-2.2
R49A	baz=288			S	S	05 29 30.9	-1.4
Q49A	Aurora	30.71	80	P	P	05 24 27.1	-2.1
Q49A	baz=286			S	S	05 29 30.7	-1.7
N49A	Columbus Grove	30.76	76	P	P	05 24 28.4	-1.2
N49A	comp=Z,264um,19.0s			IAMS_20	IAMS_20	05 38 00.6	
N49A	Columbus Grove	30.76	76	P	P	05 24 27.7	-1.9
N49A	baz=284			S	S	05 29 30.7	-2.3
S49A	Springfield	30.78	82	P	P	05 24 28.0	-1.8
S49A	baz=288			S	S	05 29 31.7	-1.6
M49A	Liberty Center	30.79	75	P	P	05 24 28.3	-1.5
M49A	baz=283			S	S	05 29 32.1	-1.3
L49A	Milan	30.81	74	P	P	05 24 29.2	-0.8
L49A	baz=282			S	S	05 29 32.3	-1.4
T49A	Edmonton	30.81	84	IAMS_20	IAMS_20	05 37 18.4	
T49A	comp=Z,262um,21.0s			IAMS_20	IAMS_20	05 37 18.4	
T49A	Edmonton	30.81	84	P	P	05 24 28.8	-1.3
T49A	baz=289			S	S	05 29 33.8	-0.1
O49A	Covington	30.82	77	P	P	05 24 28.8	-1.3
O49A	comp=Z,285um,1.7s			IAMB	IAMB	05 24 28.4	-1.7
O49A	Covington	30.82	77	P	P	05 24 28.8	-1.3
O49A	baz=285			S	S	05 29 31.6	-2.4
U49A	Red Boiling Sp	30.82	85	P	P	05 24 30.3	+0.1
U49A	comp=Z,2um,1.7s			IAMB	IAMB	05 24 47.6	
U49A	comp=Z,262um,22.0s			IAMS_20	IAMS_20	05 38 04.8	
AAM	Ann Arbor	30.85	73	IAMB	IAMB	05 24 38.1	
AAM	comp=Z,2um,1.9s			IAMS_20	IAMS_20	05 37 14.8	
AAM	Ann Arbor	30.85	73	P	P	05 24 29.3	-1.0
AAM	baz=282			S	S	05 29 36.9	+2.5
TOLK	Toolik Lake Re	30.90	343	P	P	05 24 30.3	-0.3
TOLK	comp=Z,555nm,1.3s			IAMB	IAMB	05 24 38.1	
TOLK	Toolik Lake Re	30.90	343	P	P	05 24 31.7	+1.1
TOLK	baz=142			S	S	05 29 39.5	+4.8
K49A	Clarkson	30.90	72	P	P	05 24 30.2	-0.7
K49A	baz=281			S	S	05 29 34.3	-0.9
J49A	Marlette	31.03	71	P	P	05 24 31.5	-0.5
J49A	baz=280			S	S	05 29 38.1	+0.9
F48A	Evansville	31.06	66	P	P	05 24 31.8	-0.4
F48A	baz=276			S	S	05 29 38.9	+1.3
I49A	Point Hope	31.16	70	IAMS_20	IAMS_20	05 37 24.9	
I49A	comp=Z,220um,18.0s			IAMS_20	IAMS_20	05 24 32.6	-0.5
I49A	Point Hope	31.16	70	P	P	05 29 39.7	+0.4
I49A	baz=279			S	S	05 29 39.7	+0.4
SWET	Sewanee	31.17	87	IAMB	IAMB	05 24 40.9	
SWET	comp=Z,993nm,1.7s			IAMS_20	IAMS_20	05 37 15.1	
LRAL	Lakeview Retre	31.23	92	P	P	05 24 32.4	-1.5
LRAL	comp=Z,384um,22.0s			IAMB	IAMB	05 24 53.7	
LRAL	Lakeview Retre	31.23	92	P	P	05 24 32.3	-1.5
LRAL	baz=296			S	S	05 29 40.7	+0.1
E48A	Lockeyer	31.31	65	P	P	05 24 34.2	-0.2
E48A	baz=275			S	S	05 29 42.2	+0.7
Y49A	Blount Mountai	31.33	90	IAMS_20	IAMS_20	05 38 35.7	
Y49A	comp=Z,288um,18.0s			IAMS_20	IAMS_20	05 24 33.8	-1.0
R50A	Paris	31.35	81	P	P	05 24 30.5	-1.0
R50A	comp=Z,799nm,1.5s			IAMB	IAMB	05 37 44.5	
R50A	Paris	31.35	81	P	P	05 24 33.9	-0.9
R50A	comp=Z,277um,18.0s			IAMS_20	IAMS_20	05 37 44.5	
R50A	baz=288			S	S	05 29 39.8	-2.5
O50A	Cable	31.36	77	P	P	05 24 33.5	-1.4
O50A	baz=285			S	S	05 29 38.9	-3.6
T50A	Nancy	31.36	84	P	P	05 24 33.0	-1.9
T50A	baz=290			S	S	05 29 41.9	-0.6
P50A	Jamestown	31.37	78	P	P	05 24 33.6	-1.4
P50A	baz=286			S	S	05 29 39.8	-2.8
Q50A	Georgetown	31.45	80	P	P	05 24 33.5	-2.2
Q50A	baz=287			S	S	05 29 42.5	-1.3
F49A	Sandfield	31.47	66	P	P	05 24 35.7	-0.1
F49A	baz=277			S	S	05 29 45.1	+1.1

F49A	baz=277			S	S	05 29 45.1	+1.1
S50A	Richmond	31.48	82	P	P	05 24 34.2	-1.8
S50A	baz=289			S	S	05 29 43.5	-0.8
M50A	Fremont	31.48	75	P	P	05 24 35.3	-0.7
M50A	comp=Z,450nm,0.9s			IAMB	IAMB	05 24 45.4	
M50A	Fremont	31.48	75	P	P	05 24 34.9	-1.1
M50A	comp=Z,283um,1.4s			IAMB	IAMB	05 29 42.6	-1.8
D48A	Paudash Townsh	31.50	64	P	P	05 24 35.7	-0.4
D48A	baz=274			S	S	05 29 44.6	0.0
K50A	Casco	31.51	72	IAMS_20	IAMS_20	05 37 11.2	
K50A	comp=Z,261um,21.0s			IAMS_20	IAMS_20	05 37 11.2	
K50A	Casco	31.51	72	P	P	05 24 35.4	-0.7
K50A	baz=281			S	S	05 29 44.5	-0.1
L50A	Kingsville	31.52	73	P	P	05 24 35.2	-1.0
L50A	baz=282			S	S	05 29 43.4	-1.5
N50A	Needa	31.55	76	P	P	05 24 35.2	-1.4
N50A	baz=284			S	S	05 29 43.7	-1.8
FPAL	Fort Paine	31.67	88	IAMB	IAMB	05 24 45.4	
FPAL	comp=Z,755nm,1.4s			IAMS_20	IAMS_20	05 37 52.5	
D49A	Beulah Townshi	31.80	63	P	P	05 24 38.3	-0.4
D49A	comp=Z,323um,21.0s			IAMS_20	IAMS_20	05 37 52.5	
D49A	baz=275			S	S	05 29 49.2	0.0
ACSO	Alum Creek Sta	31.81	77	P	P	05 24 37.9	-1.0
ACSO	comp=Z,673nm,0.9s			IAMB	IAMB	05 24 46.9	
ACSO	Alum Creek Sta	31.81	77	P	P	05 24 37.8	-1.1
ACSO	comp=Z,226um,19.0s			IAMS_20	IAMS_20	05 38 42.5	
ACSO	Alum Creek Sta	31.81	77	P	P	05 24 37.8	-1.1
ACSO	baz=285			S	S	05 29 47.5	-2.0
Q51A	Peebles	31.87	79	P	P	05 24 38.6	-0.8
Q51A	comp=Z,853nm,1.3s			IAMB	IAMB	05 24 47.9	
Q51A	Peebles	31.87	79	P	P	05 24 37.9	-1.5
Q51A	baz=287			S	S	05 29 49.4	-1.0
R51A	Hillsboro	31.90	81	P	P	05 24 38.3	-1.4
R51A	baz=288			S	S	05 29 50.4	-0.5
P51A	Williamsport	31.95	78	P	P	05 24 38.9	-1.2
P51A	comp=Z,296um,18.0s			IAMB	IAMB	05 24 38.4	-1.8
P51A	Williamsport	31.95	78	P	P	05 24 38.4	-1.8
P51A	baz=286			S	S	05 29 50.6	-1.1
Z50A	Ashland	31.95	91	IAMB	IAMB	05 24 48.1	
Z50A	comp=Z,1um,1.8s			IAMS_20	IAMS_20	05 39 04.2	
Z50A	Ashland	31.95	91	P	P	05 24 39.5	-0.8
Z50A	comp=Z,240um,19.0s			IAMS_20	IAMS_20	05 39 04.2	
Z50A	Ashland	31.95	91	P	P	05 24 39.5	-0.8
Z50A	baz=295			S	S	05 29 52.8	+0.9
BRAL	Brewton	32.02	95	P	P	05 24 40.2	-0.6
BRAL	comp=Z,295um,22.0s			IAMB	IAMB	05 24 41.2	+0.4
BRAL	Brewton	32.02	95	P	P	05 24 41.2	+0.4
BRAL	baz=298			S	S	05 29 56.7	+3.8
TS1A	Grand	32.05	83	P	P	05 24 39.2	-1.9
TS1A	comp=Z,290um,1.8s			IAMB	IAMB	05 29 52.8	-0.6
TS1A	Ashland	32.09	75	P	P	05 24 40.3	-1.0
TS1A	comp=Z,269um,22.0s			IAMS_20	IAMS_20	05 37 54.8	
N51A	Ashland	32.09	75	P	P	05 24 39.9	-1.5
N51A	baz=284			S	S	05 29 51.2	-2.6
S51A	Beattyville	32.10	82	IAMB	IAMB	05 24 49.0	
S51A	comp=Z,582nm,1.2s			IAMS_20	IAMS_20	05 38 08.4	
S51A	Beattyville	32.10	82	P	P	05 24 40.3	-1.2
S51A	comp=Z,296um,18.0s			IAMS_20	IAMS_20	05 38 08.4	
S51A	baz=289			S	S	05 29 52.8	-1.3
O51A	Pataskala	32.11	77	P	P	05 24 40.1	-1.5
O51A	baz=285			S	S	05 29 51.7	-2.5
M51A	Llyria	32.13	75	P	P	05 24 40.2	-1.5
M51A	baz=284			S	S	05 29 52.1	-2.3
CPCT	Cooper Cave	32.15	86	IAMB	IAMB	05 24 51.0	
CPCT	comp=Z,1um,1.3s			IAMS_20	IAMS_20	05 39 08.1	
V51A	Loudon	32.15	85	IAMS_20	IAMS_20	05 39 13.1	
V51A	comp=Z,220um,20.0s			IAMS_20	IAMS_20	05 24 41.2	-0.7
V51A	Loudon	32.15	85	P	P	05 24 41.2	-0.7
V51A	baz=292			S	S	05 29 55.9	+1.0
X51A	Calhoun	32.23	88	IAMS_20	IAMS_20	05 38 22.3	
X51A	comp=Z,295um,22.0s			IAMS_20	IAMS_20	05 38 22.3	
X51A	Calhoun	32.23	88	P	P	05 24 42.0	-0.7
X51A	baz=293			S	S	05 29 56.7	+0.6
250A	Grady	32.25	93	P	P	05 24 42.2	-0.6
K51A	Iona Station	32.32	72	P	P	05 24 42.6	-0.8
K51A	baz=282			S	S	05 29 57.6	+0.2
I51A	Listowel	32.47	70	P	P	05 24 45.2	+0.6
I51A	baz=280			S	S	05 30 01.3	+1.6
S52A	Salyersville	32.47	81	P	P	05 24 43.2	-1.6
S52A	comp=Z,289um,1.8s			IAMB	IAMB	05 29 59.9	0.0
TZTN	Tazewell	32.50	84	P	P	05 24 44.4	-0.6
TZTN	comp=Z,1um,1.4s			IAMB	IAMB	05 24 53.9	
TZTN	Tazewell	32.50					

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ERPA	comp-Z,961nm,1.3s	IAMs_20	IAMs_20	05 38 48.3
ERPA	comp-Z,216um,21.0s			
ERPA	baz=283	33.55	72	P S 05 24 53.3 -0.8
ERPA	baz=283			S S 05 20 15.8 -0.7
SADO	baz=283			P P 05 24 54.3 -0.5
SADO	comp-Z,308nm,1.0s,ba=278,slow=9.3,SNR=99	33.64	68	P P 05 24 53.7 -1.1
SADO	baz=283	33.64	68	P P IAMs_20 IAMs_20 05 37 44.2
E52A	comp-Z,203um,22.0s	33.75	65	P P 05 24 55.3 -0.5
E52A	baz=278			S S 05 30 20.3 +0.8
O54A	baz=278	33.75	76	P Iamb Iamb 05 24 55.1 -0.8
O54A	comp-Z,2um,1.8s			IAMs_20 IAMs_20 05 39 53.7
O54A	comp-Z,211um,20.0s	33.75	76	P P 05 24 53.8 -2.0
O54A	baz=286			S S 05 30 18.7 -1.0
Q54A	baz=286	33.75	78	P P 05 24 54.0 -1.8
Q54A	comp-Z,239um,22.0s			IAMs_20 IAMs_20 05 38 16.9
Q54A	baz=288	33.75	78	P P 05 24 54.5 -1.4
Q54A	baz=288			S S 05 30 18.8 -0.9
GOGA	baz=288	33.76	89	P P 05 24 55.5 -0.5
GOGA	comp-Z,1um,1.6s			MLR MLR
GOGA	comp-Z,216um,22.0s	33.76	89	P Iamb P 05 24 55.5 -0.5
GOGA	comp-Z,1um,1.6s	33.76	89	IAMs_20 IAMs_20 05 38 57.7
GOGA	comp-Z,216um,22.0s	33.76	89	P P 05 24 55.5 -0.5
GOGA	baz=295			S S 05 30 19.7 -0.1
S54A	baz=295	33.76	80	P P 05 24 54.4 -0.6
S54A	comp-Z,224um,21.0s			IAMs_20 IAMs_20 05 39 08.4
S54A	baz=289	33.76	80	P P 05 24 55.1 -0.9
S54A	baz=289			S S 05 30 18.7 -1.3
T54A	baz=289	33.81	82	P P 05 24 55.6 -0.9
T54A	baz=290			S S 05 30 20.5 -0.2
U54A	baz=290	33.81	83	P P 05 24 55.9 -0.6
U54A	comp-Z,269um,19.0s			IAMs_20 IAMs_20 05 39 12.8
U54A	baz=291	33.81	83	P P 05 24 55.3 -1.2
U54A	baz=291			S S 05 30 20.9 +0.1
N54A	baz=291	33.83	74	P P 05 24 56.0 -0.6
N54A	baz=285	33.83	74	P P 05 24 55.5 -1.0
N54A	baz=285			S S 05 30 20.2 -0.7
P54A	baz=285	33.83	77	P P 05 24 55.6 -1.0
P54A	baz=287			S S 05 30 19.4 -1.7
KIP	baz=287	33.86	245	IAMs_20 IAMs_20 05 34 35.4
KIP	comp-Z,229um,18.0s			P P 05 24 55.7 -1.4
R54A	baz=289	33.88	80	P P 05 24 55.7 -1.4
R54A	baz=289,SNR=8.9			S S 05 30 20.6 -1.1
H54A	baz=289	33.92	245	IAMs_20 IAMs_20 05 34 56.0
M54A	comp-Z,179um,18.0s	33.93	73	P P 05 24 56.6 -0.9
M54A	comp-Z,195um,21.0s			IAMs_20 IAMs_20 05 39 00.4
M54A	baz=284	33.93	73	P P 05 24 56.5 -0.9
M54A	baz=284,SNR=6.6			S S 05 30 21.1 -1.4
G53A	baz=284	33.94	67	P P 05 24 57.1 -0.4
G53A	baz=280			S S 05 30 23.2 +0.7
V54A	baz=280	33.98	84	P P 05 24 57.2 -0.7
V54A	baz=292			S S 05 30 23.8 +0.5
L54A	baz=292	34.01	72	P P 05 24 57.9 -0.2
L54A	baz=283,SNR=11			S S 05 30 22.6 -1.0
W54A	baz=283	34.06	85	P P 05 24 57.9 -0.7
W54A	comp-Z,293um,18.0s			S S 05 30 25.1 +0.6
H53A	baz=293	34.06	68	P P 05 24 58.1 -0.4
H53A	baz=280			S S 05 30 25.0 +0.6
MATQ	baz=280	34.11	58	P P 05 24 58.7 -0.1
MATQ	baz=273			S S 05 30 25.9 +1.0
X54A	baz=273	34.12	86	P P 05 24 58.3 -0.9
X54A	baz=294			S S 05 30 26.5 +1.0
ALGO	baz=294	34.21	65	P P 05 24 59.4 -0.4
ALGO	baz=279			S S 05 30 28.0 +1.4
G54A	baz=279	34.27	66	P P 05 24 59.7 -0.6
G54A	baz=279			S S 05 30 28.4 +0.8
J54A	baz=279	34.27	70	Iamb Iamb 05 25 08.4
J54A	comp-Z,959nm,1.1s			IAMs_20 IAMs_20 05 39 19.2
J54A	comp-Z,198um,20.0s	34.27	70	P P 05 25 00.0 -0.3
J54A	baz=282			S S 05 30 28.2 +0.6
MCWV	baz=282	34.29	77	Iamb Iamb 05 25 17.1
MCWV	comp-Z,1um,1.9s			P P 05 24 59.4 -1.1
MCWV	baz=287	34.29	77	P S 05 25 26.5 -1.5
MCWV	baz=287			S S 05 30 26.5 -1.5
D53A	baz=287	34.30	63	Iamb Iamb 05 25 18.9
D53A	comp-Z,186um,18.0s			IAMs_20 IAMs_20 05 39 07.5
D53A	baz=277	34.30	63	P P 05 25 00.3 -0.3
D53A	baz=277			S S 05 30 28.1 +0.1
Q55A	baz=277	34.31	78	P P 05 25 00.1 -0.7
Q55A	baz=288			S S 05 30 28.2 -0.2
HODGE	baz=288	34.34	87	P P 05 25 00.1 -0.9
HODGE	comp-Z,921nm,1.4s			Iamb Iamb 05 25 17.1
P55A	comp-Z,921nm,1.4s	34.34	77	P P 05 25 00.2 -0.8
P55A	baz=287			S S 05 30 27.6 -1.4
VLDQ	baz=287	34.35	61	Iamb Iamb 05 25 16.7
VLDQ	comp-Z,593nm,1.2s			IAMs_20 IAMs_20 05 38 18.3
S55A	comp-Z,243um,19.0s	34.38	80	P P 05 25 00.8 -0.6
S55A	baz=289,SNR=12			S S 05 30 28.1 -1.4
K54A	baz=289	34.38	71	P P 05 25 00.8 -0.5
K54A	baz=283,SNR=11			S S 05 30 29.6 +0.3

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T55A	baz=283	34.38	81	P P 05 25 01.2 -0.2
T55A	baz=290			S S 05 30 29.7 +0.1
U55A	baz=290	34.40	83	P P 05 25 21.3 -0.3
U55A	baz=291			S S 05 30 30.3 +0.4
E53A	baz=291	34.42	64	P P 05 25 01.5 -0.1
E53A	baz=278			S S 05 30 30.9 +1.1
MEDO	baz=278	34.43	70	IAMs_20 IAMs_20 05 39 24.3
MEDO	comp-Z,198um,20.0s			P P 05 25 00.4 -1.5
PAULI	baz=291	34.44	86	P IAMs_20 IAMs_20 05 39 08.7
PAULI	comp-Z,321um,22.0s			Iamb Iamb 05 25 00.5 -1.7
553A	comp-Z,938nm,1.2s	34.47	95	P Iamb Iamb 05 25 14.3
553A	comp-Z,213um,22.0s			IAMs_20 IAMs_20 05 39 40.0
WVNY	West Valley, N	34.49	72	IAMs_20 IAMs_20 05 39 40.0
R55A	Marlington	34.50	79	P P 05 25 01.9 -0.5
R55A	baz=289			S S 05 30 30.5 -0.9
V55A	baz=289	34.51	84	P P 05 25 01.0 -1.5
V55A	comp-Z,216um,21.0s			IAMs_20 IAMs_20 05 39 48.3
V55A	comp-Z,216um,21.0s	34.51	84	P P 05 25 01.0 -1.5
V55A	baz=292			S S 05 30 31.0 -0.4
TIGA	baz=292	34.52	92	P P 05 25 00.8 -1.8
TIGA	comp-Z,259um,22.0s			IAMs_20 IAMs_20 05 39 15.3
TIGA	baz=298	34.52	92	P P 05 25 01.8 -0.8
TIGA	baz=298			S S 05 30 33.1 +1.3
O55A	baz=298	34.53	76	P P 05 25 01.7 -0.9
O55A	baz=286			S S 05 30 31.1 -0.7
LSQQ	baz=286	34.58	60	P P 05 25 02.8 -0.2
LSQQ	Lebel-saur-Quev			S S 05 30 32.4 +0.1
LSQQ	baz=275			S S 05 30 32.4 +0.1
M55A	baz=275	34.59	73	P P 05 25 02.3 -0.9
M55A	baz=295			S S 05 30 32.7 0.0
N55A	baz=285	34.61	74	P P 05 25 02.3 -1.0
N55A	Marion Center			S S 05 30 32.3 -0.7
N55A	baz=286			S S 05 30 32.3 -0.7
BLA	baz=286	34.62	81	IAMs_20 IAMs_20 05 39 38.3
BLA	Blackburg	34.62	81	P P 05 25 02.0 -1.5
BLA	comp-Z,249um,21.0s			S S 05 30 33.4 +0.1
L55A	baz=290	34.66	72	P P 05 25 03.3 -0.5
L55A	Hindale			S S 05 30 34.1 +0.4
KEKH	baz=284	34.68	248	P P 05 25 06.6 +2.6
KEKH	comp-Z,202um,18.0s			IAMs_20 IAMs_20 05 34 10.9
KMSC	baz=284	34.68	85	P P 05 25 03.2 -0.8
KMSC	Kings Mountain			S S 05 30 33.3 -0.8
X55A	baz=293	34.72	86	P P 05 25 02.9 -1.4
X55A	Gracelyn & Ava			S S 05 30 33.8 -0.8
E54A	baz=294	34.73	64	P P 05 25 03.9 -0.4
E54A	Lac Daplat, Po			S S 05 30 35.0 +0.3
E54A	baz=278			S S 05 30 35.0 +0.3
DELO	baz=278	34.75	68	Iamb Iamb 05 25 19.5
DELO	Deloro Mine			P P 05 25 03.0 -1.6
Y55A	comp-Z,550nm,1.1s	34.76	87	P P 05 25 03.4 -0.9
Y55A	Saluda			S S 05 30 34.4 -0.9
I55A	baz=294	34.76	68	P P 05 25 03.8 -0.8
I55A	Frankford			S S 05 30 35.4 +0.2
K55A	baz=281	34.80	71	P P 05 25 04.4 -0.5
K55A	Perry			S S 05 30 35.5 -0.4
J55A	baz=283	34.86	70	P P 05 25 03.6 -1.8
J55A	Hilton			IAMs_20 IAMs_20 05 39 36.8
J55A	comp-Z,205um,22.0s	34.86	70	P P 05 25 04.8 -0.6
J55A	baz=283			S S 05 30 36.9 +0.2
U56A	baz=283	34.95	82	Iamb Iamb 05 25 15.2
U56A	King			P P 05 25 05.4 -0.9
Q56A	comp-Z,1um,1.4s	34.95	82	P P 05 25 03.8 -2.5
Q56A	King			S S 05 30 38.3 -0.1
Q56A	comp-Z,222um,20.0s	34.96	77	P P 05 25 05.1 -1.2
Q56A	Snyder Ridge,			IAMs_20 IAMs_20 05 41 09.8
T56A	baz=288	34.98	81	P P 05 25 06.1 -0.5
T56A	Rocky Mt			S S 05 30 39.2 +0.4
R56A	baz=290	34.99	79	P P 05 25 05.9 -0.8
R56A	Bull Pasture M			S S 05 30 39.5 +0.4
D54A	baz=289	35.00	63	P P 05 25 05.8 -0.8
D54A	Lac Fusel, La			S S 05 30 38.9 +0.1
D54A	baz=278			P P 05 25 04.6 -2.2
M56A	comp-Z,178um,21.0s	35.01	73	P P 05 25 06.0 -0.8
M56A	Emporium			S S 05 30 39.0 -0.2
PLVO	baz=285	35.04	67	P Iamb Iamb 05 25 05.8 -1.1
PLVO	Plevna			S S 05 30 39.0 -0.2
PLVO	comp-Z,808nm,1.0s			IAMs_20 IAMs_20 05 38 55.3
H55A	comp-Z,181um,21.0s	35.05	67	P P 05 25 06.7 -0.3
H55A	Tweed			S S 05 30 40.7 +1.1
O56A	baz=281	35.06	75	IAMs_20 IAMs_20 05 39 47.3
O56A	Blue Knob Stat			P P 05 25 05.9 -1.3
O56A	comp-Z,216um,21.0s	35.06	75	P P 05 25 05.9 -1.3
O56A	Blue Knob Stat			S S 05 30 39.0 -0.9
V56A	baz=286	35.06	83	P P 05 25 05.9 -1.4
V56A	Mocksville			S S 05 30 38.5 -1.5
ATKA	baz=292	35.07	306	Iamb Iamb 05 25 13.0
ATKA	Atka Island			P P 05 25 05.9 -1.5
JSC	comp-Z,440nm,1.1s	35.08	86	P pmax pmax
JSC	Jenkinsville			MLR MLR
JSC	comp-Z,2um,2.0s			P P 05 25 05.9 -1.5
JSC	Jenkinsville	35.08	86	P Iamb P 05 25 05.9 -1.5
JSC	Jenkinsville			Iamb Iamb 05 25 23.3
P56A	comp-Z,2um,2.0s	35.08	77	P P 05 25 06.2 -1.1
P56A	Dayton Farm, R			S S 05 30 39.7 -0.5

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N56A	West Decatur	35.08	74	P P 05 25 06.0 -1.4
N56A	baz=286			S S 05 30 39.6 -0.6
S56A	baz=286	35.11	80	P P 05 25 06.7 -0.9

Q58A	Fox Den Farm, baz=288	36.10	77	P	P	05 25 15.4	-0.8
Q58A				S	S	05 30 56.1	+0.2
V58A	Windy Hill, Pi comp=Z,231nm,21.0s	36.11	83	IAMS_20	IAMS_20	05 41 28.8	
V58A	Windy Hill, Pi baz=292	36.11	83	P	S	05 25 15.7	-0.6
V58A				S	S	05 30 54.9	-1.2
J57A	Williamstown comp=Z,519nm,1.1s	36.12	69	IAMB	IAMB	05 25 31.1	
J57A				IAMS_20	IAMS_20	05 40 16.2	
J57A	Williamstown baz=283	36.12	69	P	P	05 25 15.6	-0.7
J57A				S	S	05 30 56.3	+0.2
T58A	Grand View Acr baz=291	36.13	81	P	P	05 25 15.4	-1.1
T58A				S	S	05 30 55.4	-0.9
E56A	baz=291	36.19	64	P	P	05 25 16.4	-0.4
E56A	St. Veronique baz=280			S	S	05 30 57.2	+0.1
P58A	baz=280	36.22	76	P	P	05 25 16.4	-0.7
P58A	Pank, Wackersv baz=288			S	S	05 30 57.9	+0.3
I57A	baz=288	36.23	90	P	P	05 25 15.1	-2.2
I57A	Skidaway Islan Carthage baz=283	36.25	68	P	P	05 25 16.7	-0.7
I57A				S	S	05 30 58.1	+0.1
N58A	baz=283	36.25	74	IAMB	IAMB	05 25 25.3	
N58A	Sunbury comp=Z,1µm,1.4s			IAMS_20	IAMS_20	05 40 32.9	
N58A	Sunbury comp=Z,175µm,20.0s	36.25	74	P	P	05 25 16.7	-0.7
N58A	baz=286,SNR=13			S	S	05 30 57.7	-0.4
S58A	Poland Farm, P comp=Z,475nm,0.9s	36.26	79	IAMB	IAMB	05 25 25.3	
S58A				IAMS_20	IAMS_20	05 41 04.5	
S58A	Poland Farm, P comp=Z,161µm,18.0s	36.26	79	P	P	05 25 16.8	-0.8
S58A				S	S	05 30 58.1	-0.2
R58B	Mineral baz=290	36.27	79	P	P	05 25 16.8	-0.8
R58B				IAMS_20	IAMS_20	05 40 49.8	
R58B	Mineral comp=Z,172µm,22.0s	36.27	79	P	P	05 25 17.4	-0.2
R58B	baz=290			S	S	05 30 58.7	+0.2
M58A	Price's Panora baz=286	36.29	73	P	P	05 25 17.4	-0.4
M58A				S	S	05 30 58.8	-0.1
D56A	ZEC Mazanza, M baz=279	36.30	63	P	P	05 25 16.9	-0.8
D56A				S	S	05 30 59.0	+0.2
O58A	Lewisberry baz=279	36.30	75	P	P	05 25 17.0	-0.9
O58A				S	S	05 30 59.5	+0.5
656A	Willston baz=287	36.31	95	P	P	05 25 17.2	-0.8
656A				IAMB	IAMB	05 25 29.8	
U58A	Oxford comp=Z,1µm,1.4s	36.32	81	P	P	05 25 17.3	-0.8
U58A				S	S	05 30 58.1	-1.1
W58A	Raeford baz=292	36.32	84	P	P	05 25 17.6	-0.4
W58A				S	S	05 30 58.8	-0.4
H57A	baz=293	36.33	67	P	P	05 25 17.5	-0.5
H57A	Richville baz=282			S	S	05 31 00.2	+1.1
NH5C	New Hope baz=282	36.38	87	P	P	05 25 17.7	-0.9
NH5C				IAMS_20	IAMS_20	05 40 58.2	
NH5C	New Hope comp=Z,243µm,18.0s	36.38	87	P	P	05 25 17.9	-0.7
NH5C	baz=296			S	S	05 30 60.0	-0.3
BIN1	Binghamton baz=296	36.42	71	IAMS_20	IAMS_20	05 40 37.2	
BIN1	Binghamton comp=Z,243µm,22.0s	36.42	71	P	P	05 25 18.6	-0.3
BIN1				S	S	05 31 00.3	-0.5
PAGS	Pennsylvania G baz=285	36.42	75	P	P	05 25 17.5	-1.4
PAGS				IAMB	IAMB	05 25 26.5	
PAGS	comp=Z,1µm,1.6s			IAMS_20	IAMS_20	05 40 29.5	
X58A	Rowland comp=Z,224µm,22.0s	36.42	85	IAMS_20	IAMS_20	05 41 53.1	
X58A	Rowland comp=Z,235µm,22.0s	36.42	85	P	P	05 25 18.3	-0.6
X58A				S	S	05 31 00.3	-0.5
Y58A	Scranton baz=294	36.44	86	IAMB	IAMB	05 25 27.5	
Y58A	Scranton comp=Z,724nm,0.9s	36.44	86	P	P	05 25 18.0	-1.1
Y58A				S	S	05 31 00.1	-1.0
RGRS	Roger Stewart baz=295	36.45	88	P	P	05 25 18.2	-1.0
G57A	Newington baz=282	36.48	66	P	P	05 25 18.6	-0.7
G57A				S	S	05 31 02.1	+0.6
CSU	Charleston Sou baz=282	36.52	88	P	P	05 25 17.6	-2.1
K58A	Earlville comp=Z,181µm,19.0s	36.52	70	P	P	05 25 17.2	-2.6
K58A				IAMS_20	IAMS_20	05 40 39.8	
K58A	Earlville baz=284	36.52	70	P	P	05 25 19.2	-0.5
K58A				S	S	05 31 01.8	-0.5
L58A	Hollywood baz=284	36.53	88	P	P	05 25 19.0	-0.9
F57A	Harrington baz=296	36.55	65	P	P	05 25 19.8	0.0
F57A				S	S	05 31 03.3	+0.8
L58A	Harry Jones Me baz=281	36.56	71	P	P	05 25 20.1	+0.1
L58A				S	S	05 31 02.8	-0.1
Z58A	St. Stephen baz=285	36.56	87	P	P	05 25 19.5	-0.6
Z58A				S	S	05 31 02.3	-0.7
CBN	Corbin Frederi baz=290	36.57	78	P	P	05 25 20.1	0.0
CBN				S	S	05 31 04.9	+1.9
TRQ	Mont Tremblant baz=290	36.57	64	P	P	05 25 19.5	-0.7
ADK	ADK comp=Z,298nm,1.0s	36.62	305	P	P	05 25 18.0	-2.4
ADK				MLR	MLR	05 25 18.5	-2.2
ADK	ADK comp=Z,52µm,20.0s	36.62	305	P	P	05 25 18.0	-2.4
J58A	Remsen baz=284	36.64	69	IAMS_20	IAMS_20	05 40 40.9	
J58A	Remsen comp=Z,196µm,20.0s	36.64	69	P	P	05 25 20.5	-0.2
J58A				S	S	05 31 04.8	+0.8
MVL	Millersville baz=284	36.76	75	IAMB	IAMB	05 25 29.6	
MVL	comp=Z,1µm,1.5s			IAMS_20	IAMS_20	05 40 39.4	
R59A	King George, V comp=Z,229µm,22.0s	36.76	78	P	P	05 25 21.8	+0.1
R59A				S	S	05 31 08.2	+2.3

RES	Resolute Bay comp=Z,120nm,1.0s, baz=217, slow=10, SNR=240	36.76	13	P	P	05 25 21.1	-0.3
RES				PnPn	PnPn	05 26 43.4	-1.3
RES	comp=Z,67nm,1.0s, baz=226, slow=14, SNR=4.3			LR	LR	05 40 46.8	
RES	RESolute Bay comp=Z,163µm,18.4s, baz=224, slow=37	36.76	13	P	P	05 25 20.3	-1.0
RES				Pmax	Pmax		
RES	comp=Z,1µm,1.9s			MLR	MLR		
RES	comp=Z,174µm,18.0s			IAMB	IAMB	05 25 20.3	-1.0
RES	RESolute Bay comp=Z,1µm,1.9s	36.76	13	P	P	05 25 32.7	
RES				IAMS_20	IAMS_20	05 41 15.3	
S59A	Mechanicsville baz=290	36.78	79	P	P	05 25 21.4	-0.5
S59A				S	S	05 31 07.5	+1.3
V59A	Middlesex baz=290	36.78	82	P	P	05 25 21.6	-0.4
V59A				S	S	05 31 05.7	-0.6
I58A	Old Forge baz=292	36.79	68	P	P	05 25 21.6	-0.4
I58A				S	S	05 31 06.9	+0.5
O59A	Robesonia baz=283	36.79	74	P	P	05 25 21.2	-0.8
O59A				S	S	05 31 07.2	+0.8
E57A	Chemin Saint G baz=280	36.81	64	P	P	05 25 21.8	-0.4
E57A				S	S	05 31 06.7	0.0
P59A	Jarrettsville baz=288	36.82	75	P	P	05 25 21.7	-0.6
P59A				S	S	05 31 06.9	+0.1
LON1	Lake Ozonia comp=Z,636nm,1.4s	36.86	67	IAMB	IAMB	05 25 30.4	
LON1				IAMS_20	IAMS_20	05 40 00.4	
LON1	Lake Ozonia comp=Z,1218µm,18.0s	36.86	67	P	P	05 25 22.1	-0.4
LON1				S	S	05 31 08.3	+1.0
T59A	Double "B" Far baz=282	36.86	80	IAMB	IAMB	05 25 31.5	
T59A				IAMS_20	IAMS_20	05 42 43.3	
T59A	Double "B" Far comp=Z,2µm,1.2s	36.86	80	P	P	05 25 22.3	-0.3
T59A				S	S	05 31 07.1	-0.3
W59A	Clinton baz=291	36.86	83	P	P	05 25 22.5	-0.1
W59A				S	S	05 31 07.9	+0.5
Q59A	Harwood baz=293	36.89	77	P	P	05 25 22.4	-0.4
Q59A				S	S	05 31 09.1	+1.3
D57A	Chemin Vers le baz=280	36.89	63	P	P	05 25 22.1	-0.7
D57A				S	S	05 31 07.7	-0.1
U59A	Littleton baz=290	36.90	81	P	P	05 25 22.5	-0.5
U59A				S	S	05 31 07.9	-0.2
N59A	State Game Lan comp=Z,2µm,1.6s	36.92	73	IAMB	IAMB	05 25 31.2	
N59A				IAMS_20	IAMS_20	05 40 43.5	
N59A	State Game Lan comp=Z,211µm,22.0s	36.92	73	P	P	05 25 22.7	-0.5
N59A				S	S	05 31 07.7	-0.7
X59A	McDuffie Farm, baz=294	36.97	84	P	P	05 25 23.2	-0.4
X59A				S	S	05 31 08.6	-0.6
M59A	Waymart baz=286	36.99	72	P	P	05 25 23.2	-0.6
M59A				S	S	05 31 08.3	-1.2
Y59A	Loris comp=Z,896nm,0.8s	37.00	85	IAMB	IAMB	05 25 34.5	
Y59A				IAMS_20	IAMS_20	05 41 10.5	
Y59A	Loris comp=Z,241µm,20.0s	37.00	85	P	P	05 25 23.3	-0.6
Y59A				S	S	05 31 08.5	-1.2
Z59A	Georgetown, SC baz=295	37.01	87	P	P	05 25 23.0	-0.9
Z59A				S	S	05 31 08.4	-1.3
K59A	Cooperstown baz=285,SNR=24	37.09	70	P	P	05 25 24.0	-0.6
K59A				S	S	05 31 10.9	-0.1
L59A	Walton baz=285	37.10	71	IAMS_20	IAMS_20	05 40 58.2	
L59A	Walton comp=Z,196µm,20.0s	37.10	71	P	P	05 25 24.5	-0.2
L59A				S	S	05 31 11.3	+0.4
G58A	Ormstown baz=282	37.12	66	P	P	05 25 24.1	-0.6
G58A				S	S	05 31 11.6	+0.4
R60A	Leonardtown, M baz=290	37.14	78	P	P	05 25 24.9	0.0
R60A				S	S	05 31 13.5	+1.8
F58A	St-Lin Laurent baz=281	37.14	65	P	P	05 25 24.6	-0.3
F58A				S	S	05 31 11.8	+0.3
J59A	Piesco baz=281	37.17	69	IAMB	IAMB	05 25 36.2	
J59A				IAMS_20	IAMS_20		

H60A		S	S	05 31 28.9 +1.4	
VT1	Waterbury comp-Z,17um,1.1s	38.20	67	Iamb Iamb	05 25 53.0
VT1	comp-Z,155um,21.0s			IAMS_20 IAMS_20	05 41 50.0
K61A	Williamstown baz=285	38.24	69	P P	05 25 34.3 0.0
K61A	baz=285			S S	05 31 30.6 +2.1
PAL	Palisades comp-Z,188um,22.0s	38.24	72	IAMS_20 IAMS_20	05 41 58.5
PAL	Palisades baz=287,SNR=5.3	38.24	72	P P	05 25 33.6 -0.7
PAL	baz=287			S S	05 31 28.8 +0.3
M61A	Granite Spring baz=287	38.26	72	P P	05 25 33.9 -0.6
M61A	baz=287			S S	05 31 29.7 +1.0
CPNY	Central Park comp-Z,17um,1.4s	38.27	73	Iamb Iamb	05 25 42.7
D59A	Saint-Raymond baz=281	38.27	62	P P	05 25 34.1 -0.4
D59A	baz=281			S S	05 31 28.9 +0.2
G60A	Masonville baz=283	38.32	65	P P	05 25 34.5 -0.4
G60A	baz=283			S S	05 31 30.4 +0.9
KSCT	Kent School, K comp-Z,17um,1.4s	38.34	71	Iamb Iamb	05 25 52.4
KSCT	comp-Z,206um,20.0s			IAMS_20 IAMS_20	05 41 47.1
F60A	Warwick baz=282	38.40	64	P P	05 25 34.8 -0.8
F60A	baz=282			S S	05 31 31.5 +0.8
J61A	Chester baz=285	38.58	68	P P	05 25 37.1 0.0
J61A	baz=285			S S	05 31 35.4 +2.0
V62A	Hyde County Ai baz=293	38.58	81	P P	05 25 38.0 +0.8
V62A	baz=293			S S	05 31 36.1 +2.6
N62A	Caumsett State baz=287	38.59	72	P P	05 25 36.3 -0.8
N62A	baz=287			S S	05 31 33.7 +0.2
E60A	Ste Agathe de baz=282	38.66	63	P P	05 25 37.7 0.0
E60A	baz=282			S S	05 31 35.1 +0.6
I61A	Oroboro, Fairl baz=284	38.67	67	P P	05 25 38.6 +0.7
I61A	baz=284			S S	05 31 36.2 +1.3
HNH	Hanover comp-Z,17um,1.4s	38.68	68	Iamb Iamb	05 25 54.5
HNH	comp-Z,162um,22.0s			IAMS_20 IAMS_20	05 42 15.6
L61B	Northampton baz=286	38.72	70	P P	05 25 39.0 +0.6
L61B	baz=286			S S	05 31 37.7 +2.1
H61A	Lyndonville baz=284	38.73	66	P P	05 25 38.5 +0.2
H61A	baz=284			S S	05 31 37.7 +2.0
LBNH	Lisbon comp-Z,720nm,1.1s	38.80	67	Iamb Iamb	05 25 53.4
LBNH	Lisbon baz=284	38.80	67	P P	05 25 39.5 +0.5
LBNH	baz=284			S S	05 31 42.5 +5.7
G61A	St-Isidore-de- baz=283	38.83	65	P P	05 25 39.2 0.0
G61A	baz=283			S S	05 31 38.5 +1.3
L62A	Suffield baz=286	38.85	70	P P	05 25 39.4 0.0
L62A	baz=286			S S	05 31 39.2 +1.7
M62A	Hamden baz=287	38.85	71	P P	05 25 39.2 -0.2
M62A	baz=287			S S	05 31 38.2 +0.7
YLE	Yale comp-Z,3um,1.8s	38.86	71	Iamb Iamb	05 25 56.6
YLE	comp-Z,196um,21.0s			IAMS_20 IAMS_20	05 42 02.7
D60A	Saint Jean D'O baz=281,SNR=25	38.91	62	P P	05 25 39.5 -0.3
D60A	baz=281			S S	05 31 37.8 -0.4
K62A	Royalston comp-Z,158um,20.0s	38.98	69	IAMS_20 IAMS_20	05 40 58.8
K62A	Royalston baz=286	38.98	69	P P	05 25 40.6 +0.1
K62A	baz=286			S S	05 31 41.2 +1.6
QUA2	Belchertown comp-Z,156um,21.0s	39.00	70	IAMS_20 IAMS_20	05 42 04.4
F61A	St Evariste baz=282,SNR=65	39.05	64	P P	05 25 41.5 +0.4
F61A	baz=282			S S	05 31 41.6 +1.1
J62A	Henniker baz=285	39.13	68	P P	05 25 42.4 +0.6
J62A	baz=285			S S	05 31 43.2 +1.4
FFD	Franklin Falls comp-Z,1um,1.5s	39.18	68	Iamb Iamb	05 25 54.0
FFD	comp-Z,159um,22.0s			IAMS_20 IAMS_20	05 42 32.0
H62A	Milan comp-Z,154um,18.0s	39.25	66	IAMS_20 IAMS_20	05 42 12.8
H62A	Milan baz=284	39.25	66	P P	05 25 43.0 +0.2
H62A	baz=284			S S	05 31 45.2 +1.6
N63A	Mattituck baz=288	39.25	72	P P	05 25 42.7 -0.1
N63A	baz=288			S S	05 31 45.4 +1.8
E61A	Lac Etchemin baz=282	39.30	63	P P	05 25 43.2 +0.1
E61A	baz=282			S S	05 31 44.0 -0.2
I62A	Tamworth baz=285	39.30	67	P P	05 25 43.2 0.0
I62A	baz=285			S S	05 31 46.1 +1.8
D61A	St Aubert, Com baz=281,SNR=50	39.34	62	P P	05 25 43.0 -0.4
D61A	baz=281			S S	05 31 45.2 +0.4
M63A	Gales Ferry baz=287	39.47	71	P P	05 25 44.4 -0.1
M63A	baz=287			S S	05 31 48.1 +1.2
K63A	Dunstable baz=286	39.48	69	P P	05 25 44.7 +0.1
K63A	baz=286			S S	05 31 48.9 +1.9
APG	El Apazote comp-Z,242nm,1.1s,baz=328,slow=15,SNR=38	39.50	120	P P	05 25 46.5 +1.2
HRV	Adam Dziewonsk comp-Z,548nm,1.4s	39.51	69	P P	05 25 43.0 -1.9
HRV	comp-Z,123um,19.0s			MLR MLR	
HRV	Adam Dziewonsk baz=286	39.51	69	P P	05 25 43.0 -1.9
HRV	Adam Dziewonsk baz=286	39.51	69	P P	05 25 43.0 -1.9
HRV	baz=286			S S	05 31 49.3 +1.9
G62A	West of Eustis baz=284	39.53	65	P P	05 25 44.3 -0.8
G62A	West of Eustis baz=284	39.53	65	P P	05 25 44.2 -0.8
G62A	baz=284			S S	05 31 49.0 +1.2
J63A	Strafford baz=286	39.63	68	P P	05 25 46.5 +0.6
J63A	baz=286			S S	05 31 51.4 +2.1
L63A	North Scituate	39.65	70	P P	05 25 46.6 +0.6

L63A	baz=287			S S	05 31 52.0 +2.5
BRYW	Bryant College comp-Z,65um,20.0s	39.69	70	IAMS_20 IAMS_20	05 42 36.5
WES	Weston comp-Z,474nm,1.6s	39.71	69	P P	05 25 44.7 -1.8
WES	comp-Z,154um,21.0s			MLR MLR	
WES	Weston baz=285	39.71	69	P P	05 25 44.7 -1.8
WES	comp-Z,154um,21.0s			IAMS_20 IAMS_20	05 41 21.0
I63A	Otisfield comp-Z,256um,22.0s	39.78	67	P P	05 25 45.4 -1.8
I63A	Otisfield baz=285	39.78	67	P P	05 25 47.6 +0.5
I63A	baz=285			S S	05 31 53.9 +2.4
FRB	Frobisher Bay comp-Z,104nm,0.8s,baz=263,slow=8.0,SNR=122	39.79	35	P P	05 25 46.4 -0.5
FRB	comp-Z,106nm,1.1s,baz=260,slow=13,SNR=8			PP PP	05 27 17.8 -0.2
BCX	Boston College comp-Z,154um,22.0s	39.83	69	IAMS_20 IAMS_20	05 41 25.2
H63A	New Sharon baz=284	40.01	65	P P	05 25 49.1 +0.1
H63A	baz=284			S S	05 31 56.4 +1.5
M64A	Tiverton baz=288	40.03	71	P P	05 25 49.0 -0.2
M64A	baz=288			S S	05 31 57.1 +1.9
D62A	Allapoint, All comp-Z,142um,19.0s	40.13	62	IAMS_20 IAMS_20	05 41 49.6
D62A	Allapoint, All baz=282	40.13	62	P P	05 25 50.0 0.0
D62A	baz=282			S S	05 31 56.2 -0.4
L64A	Hope comp-Z,282	40.18	70	P P	05 25 51.3 +0.9
L64A	Hope baz=287			S S	05 31 59.4 +1.9
G63A	Kingsbury baz=284	40.19	65	P P	05 25 50.9 +0.4
G63A	baz=284			S S	05 31 58.9 +1.3
PKME	Peaks-Kenny Pk baz=284,SNR=11	40.37	64	P P	05 25 52.5 +0.5
PKME	baz=284			S S	05 32 01.2 +0.9
F63A	Nahmakanta, Br comp-Z,1um,1.9s	40.40	64	Iamb Iamb	05 26 17.1
F63A	comp-Z,192um,20.0s			IAMS_20 IAMS_20	05 41 09.9
F63A	Nahmakanta, Br baz=284	40.40	64	P P	05 25 52.8 +0.5
F63A	baz=284			S S	05 32 01.9 +1.1
SCHO	Schefferville comp-Z,240nm,0.9s,baz=285,slow=7.7,SNR=90	40.41	49	P P	05 25 50.6 -1.6
SCHO	comp-Z,238um,20.7s,baz=276,slow=37			LR LR	05 43 01.2
SCHO	Schefferville comp-Z,1um,1.2s	40.41	49	P P	05 25 50.8 -1.5
M65A	Busby, Falmout comp-Z,1um,1.2s	40.43	70	Iamb Iamb	05 26 02.7
M65A	comp-Z,194um,20.0s			IAMS_20 IAMS_20	05 42 58.2
M65A	Busby, Falmout baz=288	40.43	70	P P	05 25 53.1 +0.6
M65A	baz=288			S S	05 32 03.4 +2.2
I64A	Boothbay baz=286	40.48	66	P P	05 25 53.7 +0.8
I64A	baz=286			S S	05 32 03.8 +2.0
H64A	Troy baz=285	40.58	65	P P	05 25 54.3 +0.6
H64A	baz=285			S S	05 32 04.2 +0.8
E63A	Oxbow comp-Z,158um,22.0s	40.69	62	IAMS_20 IAMS_20	05 41 16.6
E63A	Oxbow baz=283,SNR=25	40.69	62	P P	05 25 54.2 -0.5
E63A	baz=283			S S	05 32 05.1 0.0
G64A	Maxfield baz=284,SNR=9.9	40.74	64	P P	05 25 55.5 +0.4
G64A	baz=284			S S	05 32 06.8 +1.0
D63A	Stockholm baz=283,SNR=7.2	40.77	61	P P	05 25 55.3 0.0
D63A	baz=283			S S	05 32 06.1 -0.1
F64A	Sherman comp-Z,151um,20.0s	40.87	63	IAMS_20 IAMS_20	05 42 59.4
F64A	Sherman baz=284,SNR=14	40.87	63	P P	05 25 56.5 +0.3
F64A	baz=284			S S	05 32 07.7 -0.1
PQI	Presque Isle comp-Z,148um,19.0s	40.91	62	IAMS_20 IAMS_20	05 43 00.3
E64A	Bridgewater baz=284,SNR=36	41.09	62	P P	05 25 58.0 0.0
E64A	baz=284			S S	05 32 11.6 +0.5
H65A	Eastbrook baz=285	41.23	65	P P	05 25 59.5 +0.3
H65A	baz=285			S S	05 32 14.3 +1.1
G65A	Princeton comp-Z,181um,20.0s	41.57	64	IAMS_20 IAMS_20	05 44 60.0
G65A	Princeton baz=285	41.57	64	P P	05 26 02.4 +0.5
G65A	baz=285			S S	05 32 20.2 +2.0
H66A	Whiting baz=286	41.85	65	P P	05 26 04.7 +0.4
H66A	baz=286			S S	05 32 24.0 +1.7
GGN	Saint George comp-Z,927nm,1.6s	42.09	64	Iamb Iamb	05 26 30.1
GGN	comp-Z,198um,18.0s			IAMS_20 IAMS_20	05 44 07.0
TGUH	Tegucigalpa,Un comp-Z,1um,1.2s	42.31	118	Iamb Iamb	05 26 29.2
LMN	Caledonia Moun comp-Z,187um,18.0s	43.27	62	IAMS_20 IAMS_20	05 45 29.8
HAL	Halifax comp-Z,543nm,1.3s	44.44	64	Iamb Iamb	05 26 49.5
HAL	comp-Z,1104um,19.0s			IAMS_20 IAMS_20	05 47 04.8
BILL	Bilibino comp-Z,293nm,1.6s	45.07	330d	P P	05 27 29.3 -0.6
BILL	comp-Z,36um,16.0s			MLR MLR	
ACON	Acopya comp-Z,1um,1.9s	45.22	118	Iamb Iamb	05 26 50.8
ACON	comp-Z,167um,20.0s			IAMS_20 IAMS_20	05 46 54.3
KULLO	Kullorsuaq comp-Z,1um,1.8s	45.35	20	P P	05 26 31.4 -0.6
KULLO	Kullorsuaq	45.35	20	P P	05 28 18.9
KULLO	Kullorsuaq	45.35	20	P P	05 26 31.4 -0.6
KULLO	Kullorsuaq			i P	05 28 18.9
KULLO	comp-Z,1um,1.8s			MLR MLR	
GBN	Guysborough comp-Z,260um,20.0s	45.61	62	Iamb Iamb	05 26 34.1 -0.4
GBN	comp-Z,842nm,1.6s			IAMS_20 IAMS_20	05 45 56.7
GBN	comp-Z,167um,20.0s			IAMS_20 IAMS_20	05 45 56.6
ESPN	Las Esperanzas comp-Z,1um,1.1s	45.65	117	Iamb Iamb	05 26 55.6
ESPN	comp-Z,206um,22.0s			IAMS_20 IAMS_20	05 45 13.6
GBS3	Finca Las Img comp-Z,1um,1.4s	45.90	119	eP P	05 26 35.8 -1.3
GB1A	Borinquen Arri comp-Z,1um,1.4s	45.91	119	eP P	05 26 37.7 +0.4
BUAI	Buenos Aires comp-Z,1um,1.4s	45.91	119	eP P	05 26 34.7 -2.5
BUEV	Buenos Vista comp-Z,1um,1.4s	45.92	119	eP P	05 26 35.8 -1.5
LAPC	Finca la Perla comp-Z,1um,1.4s	45.92	119	eP P	05 26 35.5 -1.8
NY14	Universidad de comp-Z,1um,1.4s	45.94	119	eP P	05 26 36.4 -1.0
GPS1	Guardaparques comp-Z,1um,1.4s	45.97	119	eP P	05 26 36.9 -0.9
GPS3	Bodega del ICE comp-Z,1um,1.4s	45.98	119	eP P	05 26 38.5 +0.7

GPS2	Hotel Rincon d Limalon	45.99	119	eP P	05 26 37.9 0.0
LIM1	Mesas	46.09	119	eP P	05 26 40.3 +1.7
MESS	Guayabo de Bag Colonia	46.10	119	eP P	05 26 37.9 -0.8
GUAB	Colonia	46.10	119	eP P	05 26 37.7 -1.0
CUL	San Jacinto	46.15	119	eP P	05 26 38.0 -1.1
GUAI	Guai	46.18	119	eP P	05 26 39.3 0.0
PTEN	Parque Tenorio	46.24	120	eP P	05 26 39.0 -0.7
ACAL	Agua Claras	46.26	119	eP P	05 26 39.0 -1.0
PLVR	Palo Verde	4			

Table with columns for station name, frequency, power, and signal quality. Includes stations like San Juan, Patillas Dam, and various other locations.

Table with columns for station name, frequency, power, and signal quality. Includes stations like Hornsund, Macarena, and various other locations.

Table with columns for station name, frequency, power, and signal quality. Includes stations like YUK, YVES, and various other locations.

Table with columns for station name, frequency, power, and signal quality. Includes stations like PESTR Estremoz, PNCL Nicolau / Gran, and various other locations.

Table with columns for station name, frequency, power, and signal quality. Includes stations like KHC, PVAO Vaqueiros, and various other locations.

Table with columns for station name, frequency, power, and signal quality. Includes stations like KRUC Moravsky, TAI'an, MOA Molin, and various other locations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GRG Griva, MXZ Matakaoa Point, KUU Kurty, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SVRC Surive-ELAZID, GURO Guroyamak-BITLI, KARA Karaisalı, etc.

Table with columns: ID, Station Name, Az, Phase, ID, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Mt. Diablo Mer, Callahan, Trinity Center, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Mount Pierce, Jacoby Creek, Rodgers, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like E07A Sunnyside, HAWA Hanford, PKM Mcpherson Peak, etc.

10C 10:05:36.38.9.1.3.40.61N.125.21W, h0km, mb3.8/5, mb1 4.1/10, mb1mx3.8/56, mbtmp3.8/10, ML3.6/5, Error ellipse: s-maj=17.1km s-min=14.1km az=53.0

10D 10:05:36.38.9.2.4.40.62N.125.31W, h0km, mb3.8/5, mb1 4.1/10, mb1mx3.8/56, mbtmp3.8/10, ML3.6/5, Error ellipse: s-maj=17.1km s-min=14.1km az=53.0

10E 10:05:36.38.9.3.40.63N.125.31W, h0km, mb3.8/5, mb1 4.1/10, mb1mx3.8/56, mbtmp3.8/10, ML3.6/5, Error ellipse: s-maj=17.1km s-min=14.1km az=53.0

Table with columns: WHY, YKA, KEBM, MCMT, KVN, RYN, NV11, YHL, YHH, PDAR, PDAR, H11N2, H11N3, H11N1, RSSD, H11S1, H11S2, H11S3, TXAR, TXAR, TXF. Includes station names, coordinates, and status.

NEIC 10 05:41:45.5±2.1, 40.73N, 0.05±25.28W, 0.07, h20km, 1.1km, Error ellipse: s-maj=8.6km s-min=6.2km az=62.0

ANF 10 05:41:47.3±0.9, 40.87N, 124.91W, h0km, ML4.31, Error ellipse: s-maj=8.8km s-min=5.2km az=71.0

NCEDC 10 05:41:47.8±1.8, 40.74N, 0.04±25.21W, 0.07, h25km, 7km, ML3.0/16, Error ellipse: s-maj=8.5km s-min=5.2km az=55.0

ISC 10 05:41:44.1±2.2, 40.74N, 0.05±25.29W, 0.09, h10km, 1.1km, n94, 0.19±10.05, Off coast of northern California

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like KMPM, KJCC, KRPM, etc.

Table with columns: VCNR, CMB, PNTR, WVOR, RYN, KVN, NVAR, NV11, BMO, ISA, EDWZ, SNDC, PFO, XPFO. Includes station names and coordinates.

LDG 10 05:43:12.1±0.2, 36.78N, 5.15E, h10km, M3.0/16, Error ellipse: s-maj=5.9km s-min=4.8km az=66.0

CRAAG 10 05:43:13.4, 36.61N, 5.36E, M3.3, MDD 10 05:43:13.0±1.2, 36.80N, 5.34E, h6km, 15km, mb4.0/5, Error ellipse: s-maj=9.9km s-min=5.9km az=157.0

ISC 10 05:43:10.6±0.4, 36.90N, 0.02±5.32E, 0.02, h18km, m73, c±208/87, Northern Algeria

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like DFRA, KCHR, CASM, etc.

Table with columns: VIVF, ORIF, ORIF, ORIF, LPGA, LPGA, LPGA, LPGA, LPL, LPL, LPL, LPL. Includes station names and coordinates.

ANF 10 05:43:24.8±1.1, 40.61N, 125.11W, h1km, ML4.1/3, Error ellipse: s-maj=12.9km s-min=5.8km az=50.0

NCEDC 10 05:43:26.3, 40.48N, 125.11W, h2km, Off coast of northern California

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like O02D, M02C, L02E, etc.

BUI 10 05:51:07.0±0.0, 40.50N, 125.30W, h5km, mb4.9/23

NEIC 10 05:51:09.5±2.5, 40.62N, 0.03±25.33W, 0.04, h10km, 1km, Error ellipse: s-maj=6.3km s-min=4.4km az=225.0

ISC 10 05:51:09.7±0.5, 40.70N, 125.15W, h0km, mb4.3/26, mb1.4/33, mb1mx4.4/56, mbtmp4.3/33, ML4.3/7, Error ellipse: s-maj=12.1km s-min=7.6km az=19.0

NCEDC 10 05:51:10.9±2.9, 40.62N, 0.03±25.36W, 0.07, h19km, 4km, ML4.4/30, mb4.8/193(NEIC), Error ellipse: s-maj=7.3km s-min=4.4km az=72.0

ANF 10 05:51:11.4±1.0, 40.75N, 125.04W, h2km, ML4.5/17, Error ellipse: s-maj=9.0km s-min=4.4km az=64.0

ISC 10 05:51:10.1±1.6, 40.65N, 0.04±25.24W, 0.05, h6km, 9km, n638, 0.19±44/607, mb4.8/124, Off coast of northern California

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like KMPM, KJCC, KRPM, etc.

10d 5h

2014 MAR

Table with columns: Station ID, Name, Frequency, Power, Mode, and other details. Includes stations like HOPS Hopland Field, K02D Willamette Mer, GCK Clark Valley, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other details. Includes stations like GSC Goldstone, PASC Pasadena Art C, BFSC Mount Baldy Ra, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other details. Includes stations like ABTX Abilene, Hawle, AGMM Agassiz Nation, OKCFA Oklahoma City, etc.

PBMO		I	Amb	I	Amb	05 57 04.6
F42A	comp-Z,20nm,1.2s Maple Grove Fa	27.36	67	I	Amb	05 56 59.5
PPLA	comp-Z,18nm,0.8s Purkeville	27.44	333	I	Amb	05 56 59.4
BWN	comp-Z,27nm,1.1s Browne	27.47	337	I	Amb	05 56 59.6
KTH	comp-Z,43nm,1.3s Kantishna Hill	27.47	335	P	P	05 56 64.2 -2.5
K43A	comp-Z,27nm,1.1s Burlington	27.51	73	P	P	05 56 56.3 -0.9
S44A	comp-Z,21nm,0.8s Carbondale	27.93	84	I	Amb	05 57 02.6
E43A	comp-Z,29nm,1.1s Lone Tree Farm	28.12	65	I	Amb	05 57 05.4
MLY	comp-Z,13nm,1.0s Manley	28.48	337	I	Amb	05 57 08.2
E44A	comp-Z,27nm,1.1s Grand Marais A	28.85	65	P	P	05 57 11.6 +2.4
B44R	comp-Z,27nm,1.1s Burnt Mountain	28.87	345	P	P	05 57 09.0 -0.1
OXF	comp-Z,31nm,1.1s Oxford	28.91	91	I	Amb	05 57 18.7
G45A	comp-Z,27nm,1.1s Suttons Bay	29.15	68	P	P	05 57 13.6 +1.8
F45A	comp-Z,27nm,1.1s CMU Biological	29.19	67	P	P	05 57 13.9 +1.7
WVT	comp-Z,27nm,1.1s Waverly	29.52	87	P	P	05 57 13.3 -1.8
WVT	comp-Z,27nm,1.1s Waverly	29.52	87	P	P	05 57 16.3 +1.1
PLAL	comp-Z,27nm,1.1s Pickwick Lake	29.74	89	P	P	05 57 14.3 -2.9
PLAL	comp-Z,27nm,1.1s Pickwick Lake	29.74	89	I	Amb	05 57 19.3
K47A	comp-Z,11nm,0.9s Vermontville	29.94	73	P	P	05 57 19.8 +1.0
E46A	comp-Z,12nm,0.9s Sault Ste Mari	29.98	65	P	P	05 57 18.1 -1.0
E46A	comp-Z,12nm,0.9s Sault Ste Mari	29.98	65	I	Amb	05 57 21.9
WCI	comp-Z,8.7nm,0.8s Wyandotte Cave	30.01	82	P	P	05 57 20.5 +1.0
WCI	comp-Z,8.7nm,0.8s Wyandotte Cave	30.01	82	I	Amb	05 57 26.9
IMAR	comp-Z,27nm,1.1s Indian Mountai	30.04	337	P	P	05 57 17.8 -1.7
I47A	comp-Z,27nm,1.1s Gladwin	30.08	70	P	P	05 57 21.7 +1.6
D46A	comp-Z,27nm,1.1s Sault St. Mari	30.14	64	P	P	05 57 22.5 +2.0
H47A	comp-Z,27nm,1.1s Mio	30.22	69	P	P	05 57 23.6 +2.2
G47A	comp-Z,27nm,1.1s Hillman	30.40	68	P	P	05 57 24.7 +1.8
L48A	comp-Z,27nm,1.1s N Adams	30.48	74	P	P	05 57 25.2 +1.5
I48A	comp-Z,27nm,1.1s Sherman Twp	30.63	69	P	P	05 57 26.6 +1.7
E47A	comp-Z,27nm,1.1s Iron Bridge	30.68	65	P	P	05 57 27.0 +1.6
J48A	comp-Z,27nm,1.1s Bridge Port	30.71	71	I	Amb	05 57 29.5
J48A	comp-Z,27nm,1.1s Bridge Port	30.71	71	P	P	05 57 27.9 +2.3
D47A	comp-Z,27nm,1.1s Chapleau	30.76	64	P	P	05 57 27.5 +1.4
P49A	comp-Z,27nm,1.1s Miami Univ. Ec	30.83	79	P	P	05 57 27.0 +0.2
H48A	comp-Z,27nm,1.1s Harrisville	30.83	68	I	Amb	05 57 48.4
N49A	comp-Z,10nm,0.8s Columbus Grove	30.89	76	P	P	05 57 27.8 +0.5
T49A	comp-Z,17nm,0.9s Edmonton	30.93	84	I	Amb	05 57 30.4
T49A	comp-Z,17nm,0.9s Edmonton	30.93	84	P	P	05 57 29.4 +1.7
TOLK	comp-Z,15nm,1.1s Toolik Lake Re	30.94	343	I	Amb	05 57 30.6
TOLK	comp-Z,15nm,1.1s Toolik Lake Re	30.94	343	P	P	05 57 30.0 +2.5
J49A	comp-Z,14nm,1.1s Marlette	31.16	71	P	P	05 57 31.2 +1.6
F48A	comp-Z,14nm,1.1s Evansville	31.20	66	P	P	05 57 31.6 +1.7
LRAL	comp-Z,14nm,1.1s Lakewood Retre	31.34	92	P	P	05 57 32.6 +1.2
E48A	comp-Z,14nm,1.1s Lockeyer	31.45	65	P	P	05 57 33.9 +1.8
T50A	comp-Z,14nm,1.1s Nancy	31.48	83	P	P	05 57 33.5 +1.0
SS0A	comp-Z,14nm,1.1s Richmond	31.60	82	P	P	05 57 34.6 +1.0
F49A	comp-Z,14nm,1.1s Sandfield	31.61	66	P	P	05 57 35.1 +1.6
D48A	comp-Z,14nm,1.1s Paudash Townsh	31.64	63	P	P	05 57 35.3 +1.5
N50A	comp-Z,14nm,1.1s Nevada	31.68	76	P	P	05 57 35.7 +1.4
FPAL	comp-Z,14nm,1.1s Fort Paine	31.79	88	I	Amb	05 57 47.9
D49A	comp-Z,14nm,1.1s Beulah Townshi	31.94	63	P	P	05 57 37.7 +1.2
ACSO	comp-Z,14nm,1.1s Alum Creek Sta	31.94	77	P	P	05 57 37.4 +0.9
R51A	comp-Z,14nm,1.1s Hillsboro	32.03	80	P	P	05 57 39.0 +1.7
Z50A	comp-Z,14nm,1.1s Ashland	32.07	91	P	P	05 57 38.0 +0.2
Z50A	comp-Z,14nm,1.1s Ashland	32.07	91	P	P	05 57 38.7 +1.0
P51A	comp-Z,14nm,1.1s Williamsport	32.08	78	P	P	05 57 37.6 -0.1
P51A	comp-Z,14nm,1.1s Williamsport	32.08	78	P	P	05 57 38.3 +0.6
N51A	comp-Z,14nm,1.1s Ashland	32.22	75	P	P	05 57 38.4 -0.5
N51A	comp-Z,14nm,1.1s Ashland	32.22	75	I	Amb	05 57 41.3
N51A	comp-Z,14nm,1.1s Ashland	32.22	75	P	P	05 57 39.8 +0.8
N51A	comp-Z,14nm,1.1s Beattyville	32.22	82	P	P	05 57 39.0 0.0
M51A	comp-Z,14nm,1.1s Elyria	32.26	74	P	P	05 57 39.8 +0.5
CPCT	comp-Z,9.3nm,1.0s Cooper Cave	32.27	86	I	Amb	05 57 44.3
V51A	comp-Z,9.3nm,1.0s Loudon	32.27	85	P	P	05 57 40.5 +1.1
X51A	comp-Z,9.3nm,1.0s Calhoun	32.35	88	I	Amb	05 57 41.9
X51A	comp-Z,9.3nm,1.0s Calhoun	32.35	88	P	P	05 57 41.6 +1.4
Z50A	comp-Z,9.3nm,1.0s Grady	32.36	93	P	P	05 57 37.6 -2.6
Z50A	comp-Z,9.3nm,1.0s Listowel	32.60	70	P	P	05 57 44.8 +2.5
TZTN	comp-Z,9.3nm,1.0s Tazewell	32.62	84	P	P	05 57 43.6 +1.1
P52A	comp-Z,9.3nm,1.0s Corning	32.73	77	P	P	05 57 44.2 +0.8
N52A	comp-Z,9.3nm,1.0s McGinn's Farm,	32.75	75	P	P	05 57 44.4 +0.8
Q52A	comp-Z,9.3nm,1.0s Bidwell	32.82	79	P	P	05 57 45.1 +0.8
O52A	comp-Z,9.3nm,1.0s Adamsville	32.82	76	P	P	05 57 44.8 +0.6
M52A	comp-Z,9.3nm,1.0s Chesterland	32.82	74	P	P	05 57 45.0 +0.8
T52A	comp-Z,9.3nm,1.0s Hallie	32.85	82	P	P	05 57 45.6 +1.0
W52A	comp-Z,9.3nm,1.0s Murphy	32.85	86	P	P	05 57 46.1 +1.4
D50A	comp-Z,9.3nm,1.0s G1974 Best Tow	32.97	63	P	P	05 57 46.7 +1.2
F51A	comp-Z,9.3nm,1.0s Arnstein	33.06	65	P	P	05 57 47.8 +1.6
Y52A	comp-Z,9.3nm,1.0s Liburn	33.23	88	I	Amb	05 58 01.6
Y52A	comp-Z,9.3nm,1.0s Liburn	33.23	88	P	P	05 57 49.1 +1.1
O53A	comp-Z,9.3nm,1.0s New Philadelph	33.24	76	P	P	05 57 48.8 +0.9
H52A	comp-Z,9.3nm,1.0s Wyevale	33.27	68	P	P	05 57 49.9 +1.8
E51A	comp-Z,9.3nm,1.0s G1948 Merrick	33.28	64	P	P	05 57 49.6 +1.4
D51A	comp-Z,9.3nm,1.0s Lot 18 Range I	33.30	63	P	P	05 57 49.7 +1.3
S53A	comp-Z,9.3nm,1.0s Williamson	33.31	81	P	P	05 57 49.7 +1.1
P53A	comp-Z,9.3nm,1.0s Whipple	33.32	77	P	P	05 57 49.6 +1.0
M53A	comp-Z,9.3nm,1.0s WI Miller and	33.34	74	P	P	05 57 49.7 +1.0

N53A	comp-Z,9.3nm,1.0s Lisbon	33.38	75	P	P	05 57 49.7 +0.6
Q53A	comp-Z,9.3nm,1.0s Leroy	33.40	79	P	P	05 57 51.1 +1.8
V53A	comp-Z,9.3nm,1.0s Saluda	33.49	85	P	P	05 57 51.4 +1.2
F52A	comp-Z,9.3nm,1.0s Sundridge	33.49	66	P	P	05 57 51.5 +1.5
L53A	comp-Z,9.3nm,1.0s Girard	33.52	73	P	P	05 57 51.6 +1.2
X53A	comp-Z,9.3nm,1.0s Estanollee	33.56	87	P	P	05 57 52.7 +2.0
I53A	comp-Z,9.3nm,1.0s Kortright Cn E	33.62	69	P	P	05 57 53.4 +2.2
ERPA	comp-Z,9.3nm,1.0s Erie	33.68	72	P	P	05 57 52.9 +1.1
GOGA	comp-Z,9.3nm,1.0s Godfrey	33.87	89	P	P	05 57 54.5 +1.0
E52A	comp-Z,9.3nm,1.0s Mattawa	33.88	65	P	P	05 57 54.4 +0.9
T54A	comp-Z,9.3nm,1.0s Tazewell	33.93	82	P	P	05 57 55.3 +1.3
N54A	comp-Z,9.3nm,1.0s Moraine State	33.96	74	I	Amb	05 58 09.7
N54A	comp-Z,9.3nm,1.0s Moraine State	33.96	74	P	P	05 57 55.1 +1.0
P54A	comp-Z,9.3nm,1.0s Burton	33.96	77	P	P	05 57 55.1 +0.8
M54A	comp-Z,9.3nm,1.0s Oil Creek Stat	34.06	73	P	P	05 57 56.0 +0.9
G53A	comp-Z,9.3nm,1.0s Haliburton	34.08	67	P	P	05 57 56.3 +1.2
V54A	comp-Z,9.3nm,1.0s Nebo	34.10	84	P	P	05 57 56.8 +1.3
L54A	comp-Z,9.3nm,1.0s Sinclairville	34.15	72	P	P	05 57 57.1 +1.3
W54A	comp-Z,9.3nm,1.0s Cherokee Point	34.18	85	P	P	05 57 57.5 +1.3
H53A	comp-Z,9.3nm,1.0s Bobcaygeon	34.20	68	P	P	05 57 57.8 +1.6
MATO	comp-Z,9.3nm,1.0s Matagami	34.24	58	P	P	05 57 57.7 +1.2
X54A	comp-Z,9.3nm,1.0s Belton	34.24	86	P	P	05 57 58.1 +1.4
ALGO	comp-Z,9.3nm,1.0s Algonquin Park	34.35	65	P	P	05 57 58.9 +1.5
G54A	comp-Z,9.3nm,1.0s Lake Saint Pet	34.41	66	P	P	05 57 59.3 +1.3
J54A	comp-Z,9.3nm,1.0s Appleton	34.41	70	P	P	05 58 00.4 +2.4
MCWV	comp-Z,9.3nm,1.0s Mont Chateau	34.42	77	P	P	05 57 59.1 +1.0
Q55A	comp-Z,9.3nm,1.0s Buckhannon	34.44	78	P	P	05 57 59.3 +0.9
D53A	comp-Z,9.3nm,1.0s Lac Vacive, Po	34.44	63	P	P	05 57 59.7 +1.5
P55A	comp-Z,9.3nm,1.0s Reedsville	34.47	77	P	P	05 57 59.6 +0.9
K54A	comp-Z,9.3nm,1.0s Basilio Farm,	34.51	71	P	P	05 57 59.9 +0.9
U55A	comp-Z,9.3nm,1.0s TA2, Sparta	34.52	82	P	P	05 58 00.2 +1.0
E53A	comp-Z,9.3nm,1.0s Dumoine, Ponti	34.55	64	P	P	05 58 00.6 +1.3
PAULI	comp-Z,9.3nm,1.0s Pauline	34.56	85	I	Amb	05 58 01.6
WVNY	comp-Z,9.3nm,1.0s West Valley, N	34.62	71	I	Amb	05 58 02.6
R55A	comp-Z,9.3nm,1.0s Marlinton	34.63	79	P	P	05 58 01.3 +1.2
V55A	comp-Z,9.3nm,1.0s Taylorsville	34.63	83	I	Amb	05 58 13.4
V55A	comp-Z,9.3nm,1.0s Taylorsville	34.63	83	P	P	05 58 01.1 +1.0
O55A	comp-Z,9.3nm,1.0s Ligonier	34.66	75	P	P	05 58 01.3 +1.0
LSQQ	comp-Z,9.3nm,1.0s Lebel-sur-Quev	34.72	60	P	P	05 58 01.9 +1.3
M55A	comp-Z,9.3nm,1.0s Ridgway	34.73	73	P	P	05 58 01.8 +0.9
N55A	comp-Z,9.3nm,1.0s Marion Center	34.74	74	P	P	05 58 02.1 +1.1
BLA	comp-Z,9.3nm,1.0s Blacksburg	34.75	81	I	Amb	05 58 06.0
BLA	comp-Z,9.3nm,1.0s Blacksburg	34.75	81	P	P	05 58 02.6 +1.5
L55A	comp-Z,9.3nm,1.0s Hinsdale	34.79	72	P	P	05 58 03.0 +1.6
KM5C	comp-Z,9.3nm,1.0s Kings Mountain	34.80	85	I	Amb	05 58 14.5
KM5C	comp-Z,9.3nm,1.0s Kings Mountain	34.80	85	P	P	05 58 02.6 +1.1
E54A	comp-Z,9.3nm,1.0s Lac Daplat, Po	34.87	64	P	P	05 58 03.3 +1.3
Y55A	comp-Z,9.3nm,1.0s Saluda	34.88	87	P	P	05 58 03.0 +0.8
DELO	comp-Z,9.3nm,1.0s Deloro Mine	34.89	68	I	Amb	05 58 05.1
K55A						

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARCES Array B, USSRICK Ar., USRKR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like G03D, G05D, G05R, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QSPA, CPUP, CPUR, etc.

10d 05:53:18.5, 1.8, 40.74N; 125.01W, h0km, mb3.7/4, mb1.4/1.6, mb1mx3.7/49, mbtmp3.8/6, ML4.6/1, Error ellipse: s-maj=22.5km s-min=16.5km az=81.0

10d 05:58:46.5, 1.2, 4.90S; 104.45E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.7/46, mbtmp3.9/9, Error ellipse: s-maj=22.0km s-min=23.3km az=45.0

10d 05:59:01.6, 2.7, 5.42S; 108.104, 49E, h122km, 6km, mb4.2/8, Error ellipse: s-maj=16.8km s-min=3.8km az=224.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like L02E, M02C, M02C, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like K02D, L04D, J01E, etc.

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

MKAR Makanchi Array 64.48 321 P P 06 10 16.8 +0.5

NEIC 10 06:21:14.0,2.2,40.54N,0.05:125.37W,0.03,h2km,8km, Error ellipse: s-maj=7.4km s-min=2.2km az=161.0

ANF 10 06:21:15.2,1.4,40.53N,125.24W,h0km, Error ellipse: s-maj=14.8km s-min=1.9km az=35

NCEDC 10 06:21:15.0,2.4,40.57N,0.03:125.37W,0.06,h10km,2km, ML3.2/3, Error ellipse: s-maj=7.6km s-min=5.7km az=273.0

IDC 10 06:21:20.1,1.9,40.61N,124.70W,h0km,mb3.3/4, mb1 3.6/5,mb1mx3.4/3.1,mbtmp3.5/3,ML2.9/1, Error ellipse: s-maj=23.1km s-min=15.4km az=55.0

ISC 10 06:21:16.0,1.5,40.55N,0.04:125.28W,0.08,h14km,n80, a=1520/81,mb3.6/3,Off coast of northern California

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

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

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

INET 10 06:52:19.4, 12.46N,87.70W,h73km,ML3.5

SNET 10 06:52:18.1,1.9, 12.42N,87.85W,h36km,983km,ML2.7, 1D,Near coast of Nicaragua

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

BUI 10 06:53:04.8,0.1,38.65N,142.53E,h59km,mb5.0/0, mb4.5/34,Ms5.1/3,Ms7.5/0.1

MOS 10 06:53:06.3,0.1,38.77N,142.39E,h49km,mb4.6/14, Error ellipse: s-maj=8.4km s-min=5.2km az=91.2

JMA 10 06:53:06.3,0.1,38.68N,142.27E,h38km,1km,M4.3

JMA Feil Ji J.

NEIC 10 06:53:08.9,1.5,38.70N,0.07:142.3E,0.1,h54km,6km, mb4.5/49, Error ellipse: s-maj=13.5km s-min=7.5km az=124.0

IDC 10 06:53:09.9,1.7,38.76N,142.21E,h64km,15km,mb3.9/25, mb1 4.0/3.1,mb1mx4.0/4.6,mbtmp4.2/3.1, Error ellipse: s-maj=15.7km s-min=9.2km az=120.0

ISC 10 06:53:06.9,0.6,38.69N,0.05:142.33E,0.05,h40km,6km, n182, a1861/199,mb4.4/63,2C-1D,Near east coast of eastern Honshu

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

Table with columns: MAJO, Matsushiro, 3.91 238, P, Pn, 06 54 06.2 +1.7, etc. Lists various stations and their parameters.

Table with columns: KDAK, PPLA, PPLA, Purkeypille, 45.40 36, P, Iamb, Iamb, 07 01 39.0, etc. Lists various stations and their parameters.

Table with columns: ULM, Lac du Bonnet, 77.73 34, P, P, 07 04 59.8 +0.5, etc. Lists various stations and their parameters.

THE 10 06:55:02.8, 38'18N-20'43E, h14km, ML2 8/3, Error ellipse: s-maj=0.9km s-min=0.4km az=238.0

ATH 10 06:55:02.7, 38'18N-20'44E, h14km, 1km, ML3.0/4, Error ellipse: s-maj=2.0km s-min=1.0km az=237.0

ISC 10 06:55:02.2±1.2, 38'17N-20'04.20, 42E±0.05, h17km, 5km, n36, c031/55, Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and their associated data.

JMA 10 07:11:41.7±0.7, 46°54'N-152°61'E, h30km, M4.4 SKHL 10 07:11:43.0±0.7, 46°22'N-152°68'E, h73km, 7km, mb4.8/6

MOS 10 07:11:44.2±1.2, 46°51'N-152°35'E, h75km, mb4.6/12, Error ellipse: s-maj=8.5km s-min=5.6km az=66.6

NEIC 10 07:11:47.7±2.0, 46°64'N-107°15'21.0E, 0.1, h86km, 4km, mb4.4/4, Error ellipse: s-maj=13.9km s-min=10.0km az=114.0

IDC 10 07:11:47.9±2.4, 46°70'N-152°24'E, h85km, 20km, mb3.7/20, mb1.9/26, mb1mx3.7/60, mb1mp4.0/26, Error ellipse: s-maj=20.4km s-min=11.4km az=153.0

ISC 10 07:11:47.6±0.4, 46°40'N-106°15'22.7E, 0.05, h100km, n204, s179/212, mb4.2/44, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and their associated data.

2014 MAR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CCB Clear Creek Bu, ILAR ILAR, and many others.

10d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TX31 Lajitas Arr. Si, TX32 Lajitas Array, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RDO Rodhopi, ENEZ Enez, THAS Thassos island, etc.

INET 10 07:45:53.4, 12 50N, 87 74W, h69km, ML3.9
SNET 10 07:45:54.2, 12 52.56N, 87.84W, h58km, 13km, ML3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNCH Conchagua, JUCU Jucuarjn, BLIM Bellamira, etc.

FAGO Alcaldia de S 1.16 347 eP Pn 07 46 14.4 +0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FAGO Alcaldia de S, COEG Centro de Oper, TGUH Tegucigalpa, Un, etc.

ANF 10 07:49:01.3, 1.40, 86N, 124.84W, h0km, ML2.8/4, Error ellipse: s-maj=12.5km s-min=6.0km az=59.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMPM Mount Pierce, JCC Jacoby Creek, KRPM Rodgers, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KXFM Farley Peak, KBNM Bluenose Ridge, KTRM Thompson Ridge, etc.

WVOR Wild Horse Val 10 07:57:14.7, 10.0, 177N, 98.13E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.3/36, mbtmp3.6/3, Error ellipse: s-maj=520.7km s-min=31.9km az=54.0, Northern

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

ISK 10 08:05:39.9, 37.42N, 42.00E, h2km, ML2.7/6
DDA 10 08:05:42.0, 37.55N, 41.85E, h11km, 8km, ML2.1

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

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

IDC 10 08:24:03.6, 5.0, 12.24S, 167.25E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/24, mbtmp3.7/3, Error ellipse: s-maj=256.3km s-min=31.4km az=140.0, Santa Cruz

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

IDC 10 08:35:53.5, 18.0, 38.01N, 20.23E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.4/52, mbtmp3.7/6, ML3.8/1, Error ellipse: s-maj=35.2km s-min=29.3km az=36.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHV1 Chavriata, KEF3 Kipouria, KEF4 Argostoli, etc.

Table with columns: YBH, Yreka Blue Hor, 1.93 62 Pn, Pb, 09 54 58.0 -1.3, etc. Includes station names like Yreka, Navarro Ridge, Antelope Mount, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Mt. Diablo Mer, Iron Peak, etc.

Table with columns: ACCO, Cerro Coronel, 2.06 42 i P, Pn, 10 02 25.1 +0.2, etc. Includes station names like Cerro Coronel, Juntas del Tor, etc.

10d 10h: 18.0:4.8:2.2, 40:85N:125:14W, h0km, mb3.2/3, mb1 3.6/7, mb1mx3.4/43, mbtm3.3/7, ML3.4/4, Error ellipse: s-maj=28.0km s-min=13.4km az=88.0

NEIC 10:18:05.7:2.4, 40:73N:0:02:125:20W:0.06, h12km, 6km, Error ellipse: s-maj=7.0km s-min=2.4km az=92.0

NCEDC 10:18:07.2:2.4, 40:72N:0:04:125:21W:0.06, h24km, 7km, M03.3/43, Error ellipse: s-maj=7.8km s-min=5.4km az=90.0

ANF 10:18:07.9:1.1, 40:87N:124:85W, h0km, ML3.0/11, Error ellipse: s-maj=13.4km s-min=4.6km az=80.0

ISC 10:18:05.5:2.1, 40:74N:0:05:125:20W:0.08, h10km, 11km, n92, 1124/102, Off coast of northern California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Mt. Diablo Mer, Iron Peak, etc.

GUC 10:10:01:50.7:0.7, 32:15S:70:71W, h92km, 4km, ML3.4 SJA 10:10:01:50.6:0.9, 32:08S:70:66W, h89km, 21km, ML2.9, MW3.1

ISC 10:10:01:51.1:1.7, 32:12S:0:03:70:68W:0.05, h101km, 13km, n29, 0958/46, 6C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Los Peladeros, El Roble, etc.

ANF 10 09:56:23.6:1.5, 40:74N:124:95W, h1km, Error ellipse: s-maj=14.3km s-min=7.9km az=59.0

NCEDC 10:09:56:23.8, 40:52N:125:04W, h2km, Off coast of northern California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Callahan, Trinity Center, etc.

FCH Farellones 1.24 165 i P, S, 10 02 15.0 +0.3

CLCH Cerro Calan 1.27 175 i P, S, 10 02 14.8 -0.1

CO03 EI Pedregal 1.28 360 i P, S, 10 02 15.3 +0.3

MT03 Universidad Ad 1.37 174 i P, S, 10 02 16.0 0.0

ASAL Salagasta 1.63 107 i P, S, 10 02 19.7 +0.6

ARCO CERRO ARCO 1.64 116 i P, S, 10 02 19.9 +0.6

LMEL Las Melosas 1.77 167 i P, S, 10 02 21.4 +0.5

MT01 Popeta 1.80 195 i P, S, 10 02 21.0 -0.2

AGRG Agreto 1.83 122 i P, S, 10 02 22.2 +0.6

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

NEIC 10 09:57:22.9:1.4, 40:72N:0:04:125:3W:0.1, h19km, 12km, Error ellipse: s-maj=14.4km s-min=5.8km az=90.0

NCEDC 10 09:57:24.2:1.3, 40:74N:0:05:125:30W:0.04, h22km, 7km,

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

YBH Yreka Blue Hor 2.12 61 Pn, 10 18 40.7 -0.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NEW Newport, BELC Belle Mtn, PFO Pinyon Flats, etc.

NEIC 10 10:28:16.5, 40.76N, 125.24W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:1.17; Mss:5.50; Mss:4.33; Mss:0.04; Mss:2.71; Mss:2.5; Fault plane solution: Me6.21000x10^15 Np1.3x3.440000...

IDC 10 10:28:16.4, 0.9, 40.76N, 125.03W, h0km, mb4.1/3, mb1.4, 3/15, mb1.06/9, mbtmp4, 1/15, ML3.7/5, MS3.6/6, Ms1 3.6/6, ms1mx3.3/48 Error ellipse: s-maj=11.6km s-min=9.8km az=25.0

NEIC 10 10:28:18.7, 3.3, 40.79N, 125.11W, 0.07, h17km, 3km, Error ellipse: s-maj=8.8km s-min=4.2km az=67.0

NCEDC 10 10:28:18.5, 3.7, 40.78N, 125.19W, 0.09, h19km, 6km, Mw4.5/4, mb4.6/74(NEIC), Error ellipse: s-maj=9.7km s-min=5.0km az=80.0

ANF 10 10:28:18.4, 0.9, 40.91N, 124.93W, h0km, ML4.1/19, Error ellipse: s-maj=11.5km s-min=3.8km az=80.0

ISC 10 10:28:17.9, 1.7, 40.80N, 125.09W, 0.06, h10km, gkm, m272.1648/264, mb4.6/36, Off coast of northern California

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like JCC Jacoby Creek, KMPM Mount Pierce, etc.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like I04A Tendick Farm, I04A Forest Hills D, etc.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like Y14A Wickenburg, WUAZ Wupatki, etc.

ASAR Alice Springs 45.23 129 P P 11 28 32.3 +1.6
ASAR Alice Springs 45.23 129 P P 11 28 32.2 +1.4
AS31 Alice Springs 45.23 129 P P 11 28 31.9 +1.1
KK31 Kararay Array 45.59 333 P P 11 28 33.9 +0.6
KKAR Kararay Array 45.59 333 P P 11 28 33.9 +0.6
KURBB Kurchatov Arra 49.13 345 P P 11 29 00.3 -0.3
ZAAO Zalesovo Array 50.93 351 P P 11 29 14.1 0.0
ZAAO comp=Z,4.5nm,1.5s Iamb Iamb 11 29 17.0

12 MAR

CHOU Chosi 1.35 247 P Op ISC 12 01 22.8 -0.5
JHYU Hitachinakyam 1.46 275 P Pn 12 01 24.5 -0.3
JHYU Hitachi 1.52 285 P Pn 12 01 25.2 -0.4
JHO Iwakimizuishi 1.55 305 P Pn 12 01 25.6 -0.3
ONAJ Iwakimizuishi 1.55 305 P Pn 12 01 25.6 -0.3

13 MAR

ASAR Alice Springs 45.23 129 P P 11 28 32.3 +1.6
ASAR Alice Springs 45.23 129 P P 11 28 32.2 +1.4
AS31 Alice Springs 45.23 129 P P 11 28 31.9 +1.1
KK31 Kararay Array 45.59 333 P P 11 28 33.9 +0.6
KKAR Kararay Array 45.59 333 P P 11 28 33.9 +0.6

14 MAR

ASAR Alice Springs 45.23 129 P P 11 28 32.3 +1.6
ASAR Alice Springs 45.23 129 P P 11 28 32.2 +1.4
AS31 Alice Springs 45.23 129 P P 11 28 31.9 +1.1
KK31 Kararay Array 45.59 333 P P 11 28 33.9 +0.6
KKAR Kararay Array 45.59 333 P P 11 28 33.9 +0.6

15 MAR

ASAR Alice Springs 45.23 129 P P 11 28 32.3 +1.6
ASAR Alice Springs 45.23 129 P P 11 28 32.2 +1.4
AS31 Alice Springs 45.23 129 P P 11 28 31.9 +1.1
KK31 Kararay Array 45.59 333 P P 11 28 33.9 +0.6
KKAR Kararay Array 45.59 333 P P 11 28 33.9 +0.6

ISC 10 12:00:59.4:1.7,36:23N:0:06:142:39E:0:09,h18km,n21,
c1812/24, Off east coast of Honshu
Code Station Name Δ° AZ° Phase ID Time Res
CHOU Chosi 1.35 247 P Op ISC 12 01 22.8 -0.5

13 MAR

ISC 10 12:11:29.0:3.6,52:75N:176:30W,h165km,31km,mb3.6/7,
mb1 3.9/8,mb1mx3.3/6.1,mbtmp4.0/8, Error ellipse:
s-maj=14.2km s-min=17.3km az=148.0
NEIC 10 12:11:28.7:1.3,52:19N:176:30W,h152km,5km,mb3.2/3,
h152km,5km,mb2.7/7,ML3.8/23(AE/C), Error ellipse:
s-maj=15.1km s-min=5.8km az=157.0

14 MAR

ISC 10 12:11:28.4:0.6,52:20N:0:10:175:76W:0:05,
h152km,5km,n100,c18116/92,Andeanof
Islands
Code Station Name Δ° AZ° Phase ID Time Res
GSTR Great Sitkin T 0.21 240 Op ISC 12 11 49.2 +0.7

15 MAR

ISC 10 12:19:20.6:0.1,41:34N:71:85E,h15km,mb2.6
NINC 10 12:19:24.8:2.0,41:42N:71:89E,h3km,13km,mb3.5,
mpv3.1, Error ellipse: s-maj=20.0km s-min=8.3km
SOME 10 12:19:26.5,41:57N:71:92E,h5km
ISC 10 12:19:29.9:1.0,41:30N:0:04:71:93E:0:03,h10km,n38,
c184/63,21C-9D,Kyrgyzstan

NVAR Mina Array Bea 41.59 86 P P 12 19 03.2 +1.8
NVAR Mina Array Bea 41.59 86 P P 12 19 03.0 +1.6
NVAR Mina Array Bea 41.59 86 P P 12 19 03.1
HKWY Lake 42.73 74 Iamb P Iamb 12 19 11.2 +0.6

13 MAR

NVAR Mina Array Bea 41.59 86 P P 12 19 03.2 +1.8
NVAR Mina Array Bea 41.59 86 P P 12 19 03.0 +1.6
NVAR Mina Array Bea 41.59 86 P P 12 19 03.1
HKWY Lake 42.73 74 Iamb P Iamb 12 19 11.2 +0.6

14 MAR

NVAR Mina Array Bea 41.59 86 P P 12 19 03.2 +1.8
NVAR Mina Array Bea 41.59 86 P P 12 19 03.0 +1.6
NVAR Mina Array Bea 41.59 86 P P 12 19 03.1
HKWY Lake 42.73 74 Iamb P Iamb 12 19 11.2 +0.6

15 MAR

NVAR Mina Array Bea 41.59 86 P P 12 19 03.2 +1.8
NVAR Mina Array Bea 41.59 86 P P 12 19 03.0 +1.6
NVAR Mina Array Bea 41.59 86 P P 12 19 03.1
HKWY Lake 42.73 74 Iamb P Iamb 12 19 11.2 +0.6

10d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGS Degeres, KST Kastek, KRBS Karabastu, etc.

NEIC 10 12:40:58.9.1.3, 40:65N:0:04:125:34W:0:06, h2(0km, 1.1km, Error ellipse: s-maj=7.1km s-min=5.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMPM Mount Pierce, JCC Jacoby Creek, etc.

2014 MAR

Table with columns: J05D, Fort Rock, OR, 4.12 47 P, Pn, 12 42 02.8 +2.5. Includes stations like JBNN Ben Lomond Mou, PINE Pine Mountain, etc.

SOME 10 13:00:51.0, 39:17N:75:37E, h0km NNC 10 13:01:03.1+4.5, 39:54N:75:62E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=35.9km s-min=27.6km az=140.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZA Kyzart, UHLH Uholoh, UCH Uchot, etc.

DC 10 13:09:11.3+1.1, 38:68N:74:88E, h0km, mb3.5/4, mb1 3.4/1.0, mb1mx3.3/4.6, mbmtpp3.3/10, ML2.8/6, Error ellipse: s-maj=24.8km s-min=16.1km az=93.0

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

476

az=170.0 ISC 10 13:14:57.8-0.7, 8:47S:0:07:109:23E:0:04, h55km, n29, #2562/29, 1C, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KPJI Karang Pucung, UGM Wanagama, UGM Wanagama, etc.

DC 10 13:21:10.6:2.3, 15:43S:178:30W, h410km, 25km, mb3.5/11, mb1 3.7/12, mb1mx3.5/32, mbmtpp4.2/12, Error ellipse: s-maj=20.5km s-min=12.2km az=136.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, OUZ Omahuta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SNA4, H17A, VNA3, PD31, PDAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RAYN, KIV, AKAH, SHAI, FIA1, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KHC, GEC2, GERES, ARSA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Castelo Branco, Tomar, Marv, etc.

SOME 10 13:30:05.0,40.87N,70.43E,h0km

KRNET 10 13:30:06.3,0.1,39.13N,71.79E,mb2.5,6C-8D,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Batken, Arslanbob, Arkit, etc.

TAP 10 13:43:23.9,24.63N,122.59E,h80km,ML2.9,D

JMA 10 13:43:24.3,0.1,24.64N,122.64E,h72km,m2k, M2.1

ISC 10 13:43:25.1,1.3,24.56N,0.04,122.62E,0.02,h65km,8km,

n76,e0599/140,Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Yonagunijimaku, Yonaguni jima, EOS1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NNS, YM04, YM04, NSK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CHN1, CHN1, SLGT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCC Jacoby Creek, KRM Rodgers, KCRM Chalk Rock, etc.

PGC 10 13:58:51.0-1.2, 65:12N-140:84W, h1km, ML2,76, 136km northwest of Dawson, Yk Northern Yukon Territory, Canada, Northern Yukon Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, DOT Dot Lake, BVCY Beaver Creek, etc.

MAN 10 14:03:21.5, 5:95N-125:95E, h139km, mb4.4, ML3.3, MS3.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DDMP Don Marcelino, GSPH General Santos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSPH, MATI, DMPH Davao City-Mi, etc.

NEIC 10 14:11:20.5, 1.5, 36:14N, 0:04-96:93W, 0:05, h7km, 7km, Error ellipse: s-maj=5.8km, s-min=4.9km, az=134.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ADOK Arcadia Dam, OK001 Jones High Sch, etc.

U38A Gravette, U38B Hobbs, U38C Magazine, W39A, R32A Fire Quarter, Z35A Perchaven, San, K3U1 Kansas State U, MIAR Mount Ida, MIAR Mount Ida, Z38A Mt. Pleasant, S39A Bolivar, U40A Yellville, CBKX Cedar Bluff, X40A Basin Creek Fa, WHAR Woolly Hollow, HMCB Home Creek, FCAR Ozark Folk Cen, W41B Gary Mavity, V, W41B, WLAR White Oak Lake, UALR University of, AMTX Amarillo, ABTX Abilene, Hawie, Z41A Richland Creek, LCAR Lake Charles, NAXT Nacogdoches, CCMC Camp Creek, CCM Cathedral Cave, CCM Cathedral Cave, BGNE Belgrade, JCT Junction City, GLAT Glass, OGNF Ogallala, OXF Oxford, SCIA State Center, N41A Harden Midland, SDCO Great Sand Dun, L40A Anamosa, HDIL Hope Dale, ECSD ECSD Data Cent, ISCO Icho Springs, ANMO Albuquerque, ANMO, ANMO, T47A Sharon Grove, MINTX Cornudas Mount, JFWF Jewell Farm, TX31 Lajitas Arr, TX32 Lajitas Array, TXAR Lajitas Array, TXAR, TXAR, TXAR Lajitas Array, RSDS Black Hills, H2A Draeger Farm, G40A Rib Lake, TKL Tuckaleechee C, PDAR Pinedale Array, PDAR, PDAR, PDAR Pinedale Array, ULM Lac du Bonnet, ULM, ULM, SADO Sadowa, NIED 10 14:13:00, 29:20N, 130:60E, h29km, Mw4.7, Best double couple: M1.24000-1019, NP1=206.00000, S83.00000, L-69.00000, NP2=314.00000, S22.00000, L-161.00000, IDC 10 14:13:22.4, 0.5, 29:27N-130:48E, h0km, mb4.1/19, mb1.4/2/23, mb1mx4.1/4/3, mbmp4.0/2/3, ML3.3, MS4.1/29, Ms1.4/1/29, ms1mx3.9/5/3, Error ellipse: s-maj=17.2km, s-min=11.0km, az=90.0, BUJ 10 14:13:23.5, 0.0, 29:03N-130:84E, h40km, mb4.9/3/4, mb4.4/4/0, Ms4.5/3/7, Ms7.4/4/36, JMA 10 14:13:27.2, 29:29N-130:46E, h44km, 2km, M4.5, JMA Feil J, NEIC 10 14:13:27.8, 1.6, 29:27N-0:06-130:50E, 0:1, h35km, 7km, M4.7/23, Error ellipse: s-maj=14.5km, s-min=6.6km, az=114.0, ISC 10 14:13:27.9, 0.6, 29:24N-0:03-130:52E, 0:04, h37km, 1km, n122, 1:130/131, mb4.3/33, MS4.3/31, Ryukyus Islands

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ADOK Arcadia Dam, OK001 Jones High Sch, OKCFA Oklahoma City, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JYAK Yakushimahirau, JYAK, JZK Kikaishima, JAM Amami Oshima, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other parameters. Includes stations like Ulaanbaatar, SOMN, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ISC, Time, Res, and other parameters. Includes stations like FINES, AKASG, YKA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other parameters. Includes stations like KRMR, PAU, APC, etc.

Table with columns: ID, Name, Date, Time, Status, and Value. Includes entries like MSTX Muleshoe, D50A G1974 Best Tow, F48A Evansville, etc.

Table with columns: ID, Name, Date, Time, Status, and Value. Includes entries like 048A Farmland, W39A Magazine, LANS Liptovska Anna, etc.

Table with columns: ID, Name, Date, Time, Status, and Value. Includes entries like GERES GRESSARY B, GERES GRESS Array B, H62A Milan, etc.

Table with columns: KEST, Kesra, 88.26 335 P, P, 14 45 26.0 -0.2, comp=Z,15nm,0.9s,baz=33,slow=1.4,SNR=11

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

Table with columns: ZAPS, VZS, Yatosha, 3.02 67 eSn, Sn, 14 53 03.3 +1.3

NEIC 10 14:42:54.7±1.2,40.68N,0.04:125.28W,0.09, h18km,12km,Error ellipse: s-maj=1.1km s-min=5.3km az=70.0

TIR 10 14:51:38.1,41.49N,19.38E,h18km,Md3.3/5 THE 10 14:51:41.0,41.46N,19.45E,h7km,ML2.4/1,Error ellipse: s-maj=3.5km s-min=0.9km az=357.0

MAN 10 15:02:18.3,67.70N,124.63E,h131km,mb4.2,ML3.0, MS2.7,1D,Mindanao

CNBA	Chernabura Isl	2,47 226	Pn	17 05 23.8 +0.2	EREN	E	S	Sn	17 07 49.0 +2.0	BBSI	Bau Bau	7.55 282	P	Pn	17 33 21.8 +0.5		
SDPT	Sand Point	2,54 242	Pn	17 05 24.9 +0.4	EREN	comp=N,67nm,0.6s	I	AML	17 07 50.0	MMRI	Maumere	7.82 258	P	Pn	17 33 21.5 -3.3		
HAG	Hague Volcano	2,52 249	Pn	17 05 35.5 +0.8	EREN	comp=N,67nm,0.6s	I	AML	17 07 50.0	MMRI	Maumere	7.82 258	P	Pn	17 33 21.5 -3.3		
DT1	Dutton Round H	3,56 248	Pn	17 05 38.7 +0.2	AKKU	Akkuyu-Mersin	1.18	1	PN	Pn	17 07 41.5 -0.5	MMRI	Maumere	7.82 258	P	Pn	17 33 21.6 -3.3
ILW	Ilamna West	3,92 26	Pn	17 05 44.3 +0.7	AKKU	Akkuyu-Mersin	1.18	1	PN	Pn	17 07 41.5 -0.5	MMRI	Maumere	7.82 258	P	Pn	17 33 21.6 -3.3
Home	Home	4.07 38	Pn	17 05 45.9 +0.9	GULN	MERSIN_Gulnar	1.21	1	P	Sn	17 07 40.6 -1.7	TNTI	Ternate	8.27 342	P	Pn	17 33 30.6 -0.4
CNPM	China Port	4.08 41	Pn	17 05 45.7 +0.1	GULN	MERSIN_Gulnar	1.21	1	P	Sn	17 07 40.6 -1.7	EDFI	Ende, Flores	8.37 258	P	Pn	17 33 29.9 -2.4
FALS	False Pass	4.26 249	Pn	17 05 48.8 +0.7	GULN	MERSIN_Gulnar	1.21	1	P	Sn	17 07 40.6 -1.7	BASI	Baiga, Sumba	8.47 258	P	Pn	17 33 32.9 -1.0
RED	Redoubt Volcan	4.32 26	Pn	17 05 50.2 +1.2	GULN	MERSIN_Gulnar	1.21	1	P	Sn	17 07 40.6 -1.7	KNRA	Kunurra	8.58 188	P	Pn	17 33 31.9 -3.1
RSO	Redoubt South	4.37 25	Pn	17 05 50.4 +0.6	GULN	MERSIN_Gulnar	1.21	1	P	Sn	17 07 40.6 -1.7	WAMI	Warena	9.27 70	P	Pn	17 33 46.3 +2.1
RWB	Redoubt West	4.37 25	Pn	17 05 50.9 +1.2	TEKE	Tekell-Mersin	1.22	344	PN	Pn	17 07 41.7 -0.7	KMSI	Cibinong	9.72 322	P	Pn	17 33 49.3 -0.9
BRLK	Bradley Lake	4.37 41	Pn	17 05 51.9 +1.2	TEKE	Tekell-Mersin	1.22	344	PN	Pn	17 07 41.7 -0.7	BASI	Baiga, Sumba	9.79 251	P	Pn	17 33 47.3 -3.8
BRSE	Bradley Lake S	4.41 42	Pn	17 05 49.8 -0.3	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	WSI	Waingapu	9.91 255	P	Pn	17 33 49.0 -3.7
SVW2	Sparrevohn	4.56 6	Pn	17 05 53.0 +0.8	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	BKSI	Bulukumba	9.96 280	P	Pn	17 33 54.8 +1.3
SEW	Seward	5.14 44	Pn	17 05 59.2 -0.8	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	SMPI	Sarmi	10.09 60	P	Pn	17 33 54.3 -0.8
SLKM	Skilak Lake	5.14 37	Pn	17 05 59.8 -0.6	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	BNSI	Bone	10.19 285	P	Pn	17 33 59.9 +3.4
RC01	Rabbit Creek A	5.73 35	Pn	17 06 08.0 -0.2	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	APSI	Ampapa	10.36 306	P	Pn	17 33 59.3 +0.7
RC02	Rabbit Creek B	5.73 35	Pn	17 06 08.0 -0.2	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	KAPI	Kappang	10.39 281	P	Pn	17 34 00.7 +1.7
PWL	Port Wells	6.05 41	Pn	17 06 11.6 -0.9	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	SPSI	Sidrap Palu	10.64 287	P	Pn	17 34 05.1 +2.7
TT01	Tatalina	6.35 2	Pn	17 06 17.3 +0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	WBSI	Waikabuku, Su	10.77 256	P	Pn	17 33 59.4 -4.8
KNK	Knik Glacier	6.39 37	Pn	17 06 16.6 -0.6	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	TTSI	Tana Toraja	10.90 291	P	Pn	17 34 03.8 -2.1
GHO	Glory Hole Cre	6.51 34	Pn	17 06 18.8 -0.1	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	MRSI	Marisa	11.02 313	P	Pn	17 34 05.5 -1.9
GLI	Glacier Island	6.53 45	Pn	17 06 18.2 -1.0	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	GENI	Genyem	11.10 67	P	Pn	17 34 08.7 +0.2
FID	Port Fidalgo	6.70 47	Pn	17 06 19.9 -1.5	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
PPLA	Purkeypile	6.70 17	Pn	17 06 22.9 +1.3	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
JMK	Jack Peak	6.72 35	Pn	17 06 22.1 +0.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
SPL	Spink Peak	6.83 45	Pn	17 06 22.6 +0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
GOAK	Govardha Saki Ar	6.90 37	Pn	17 06 22.6 +0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
GOAT	Goat Mountain	6.90 37	Pn	17 06 22.6 +0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
YKAT	Yakutai	7.36 52	Pn	17 06 29.7 -0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
WAT1	Susitna Watana	7.45 29	Pn	17 06 30.3 -1.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
WAT2	Susitna Watana	7.49 33	Pn	17 06 31.2 -1.1	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
KTH	Kantishna Hill	7.53 20	Pn	17 06 31.9 -1.0	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
Saint	Saint Paul Isl	7.55 29	Pn	17 06 32.7 +0.8	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
WAT2	Susitna Watana	7.55 29	Pn	17 06 31.6 -1.5	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
TRF	Thorofare Moun	7.56 22	Pn	17 06 32.8 -0.5	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
RND	Reindeer	7.85 26	Pn	17 06 36.3 -0.9	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
DHY	Denali Highway	7.97 31	Pn	17 06 37.9 -1.1	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
CRQM	Carque	8.13 54	Pn	17 06 40.8 -0.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
GLB	Giliahnia Butte	8.13 54	Pn	17 06 40.8 -0.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
VRDI	Verde Repeater	8.21 50	Pn	17 06 41.8 -0.5	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
TGL	Tana Glacier	8.27 54	Pn	17 06 42.3 -0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
MCARA	McCarthy VSAT	8.47 50	Pn	17 06 45.0 -0.6	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
PAX	Paxson	8.49 36	Pn	17 06 45.7 -0.2	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
BALM	Baldy	8.61 53	Pn	17 06 47.2 -0.3	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
GRMC	Granite Creek	8.75 36	Pn	17 06 50.2 +0.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
NEA	Nenana	8.81 21	Pn	17 06 52.0 +1.7	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
BARN	Barnard Glacie	8.92 54	Pn	17 06 51.9 0.0	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
MLY	Manley	8.93 16	Pn	17 06 49.4 -2.6	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
WRH	Wood River Hill	8.93 24	Pn	17 06 49.8 -2.1	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
CTGN	Chitina Glacier	9.07 40	Pn	17 06 53.7 +0.8	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
MENT	Mientata	9.07 40	Pn	17 06 53.7 +0.8	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
ANM	Nome	9.10 335	Pn	17 06 55.2 +0.9	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
CCB	Clear Creek Bu	9.15 24	Pn	17 06 52.5 -2.3	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
HDA	Harding Lake	9.15 27	Pn	17 06 53.3 -1.6	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
RIDG	Independent Ri	9.23 34	Pn	17 06 55.7 -0.3	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
PCA	Pinnacul Isl	9.25 20	Pn	17 06 56.2 +0.8	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
MDM	Murphy Dome	9.32 22	Pn	17 06 56.4 -0.9	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
DOT	Dot Lake	9.42 36	Pn	17 06 58.0 -0.6	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
YLR	Yatir	9.47 26	Pn	17 06 56.7 -2.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
ILAR	Eielson Array	9.47 26	P	17 06 56.9 -2.3	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
ILAR	0.4nm,0.3s,baz=208,slow=13,SNR=14	9.47 26	S	17 08 35.5 -8.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
ILAR	0.1nm,0.3s,baz=216,slow=20,SNR=2.9	9.47 26	S	17 06 57.1 -2.2	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
ILAR	Eielson Array	9.47 26	Pn	17 06 57.1 -2.2	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
IMAR	Indian Mountain	9.53 7	Pn	17 07 00.9 +0.9	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
SCRK	Sand Creek	9.57 20	Pn	17 07 01.1 -1.1	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
BCAR	Beaver Creek A	9.85 43	Pn	17 07 04.3 -0.2	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
GAMB	Gambell	10.42 320	Pn	17 07 12.5 +0.4	IKL	Isikdi	1.27	64	PN	Pn	17 07 52.5 -0.6	FITZ	Fitzroy Crossi	11.69 201	P	Pn	17 34 12.1 -4.0
HWT	Haines Junctio	10.76 59	Pn	17 07 17.6 +0.6	IKL	Isikdi	1.27	64	PN	Pn	17 07						

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Manton Dam, MTN, GUMO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Chichijima, TGY, BATP, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Macquarie Isla, Rantau Prapat, Kamikawa-asahi, Asahikawa, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like XAN, BJT, BJT, Baijiutau, Beijing, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AIN, Ainahou, HMH, POHA, ZEA, etc.

EGMT	comp=Z,2.2nm,0.8s,baz=127,slow=2.3,SNR=9.7	102.32	42	Pdiff	Pdiff	17 46 55.9	+0.9
TUC	baz=276	102.46	58	Pdiff	Pdiff	17 46 59.2	+3.3
BW6	comp=Z,2.2nm,1.1s,baz=255,slow=6.6,SNR=6.4	102.92	48	Pdiff	Pdiff	17 46 58.1	+0.1
PDAR	baz=274	102.92	48	P	Pdiff	17 46 58.0	0.0
PDAR	comp=Z,2.0nm,1.0s,baz=235,slow=2.9,SNR=6.9	102.92	48	PP	PP	17 51 12.3	-3.4
PDAR	comp=Z,2.2nm,1.1s,baz=258,slow=6.6,SNR=6.4	102.92	48	P	Pdiff	17 46 58.0	0.0
PDAR	comp=Z,0.5nm,0.6s,baz=108,slow=4.6,SNR=9.9	102.92	48	P	Pdiff	17 46 57.3	-0.6
PDAR	baz=275	102.93	45	Pdiff	Pdiff	17 46 59.4	+1.4
W18A	comp=Z,2.2nm,1.1s,baz=258,slow=6.6,SNR=6.4	103.24	55	Pdiff	Pdiff	17 47 01.4	+1.8
TMCR	baz=273	103.57	335	eP	pmax	17 46 58.8	-1.2
TMCR	comp=Z,4.0nm,0.8s	103.74	331	eP	pmax	17 46 58.7	-2.2
KLMR	KLIMOVSKOJE	103.74	331	eP	pmax	17 46 58.7	-2.2
KLMR	comp=Z,3.8nm,0.8s	103.74	331	eP	AMP	17 46 58.7	-2.2
KLMR	KLIMOVSKOJE	103.74	331	eP	Pdiff	17 46 58.7	-2.2
KLMR	comp=Z,3.8nm,0.8s	103.74	331	eP	AMP	17 46 58.7	-2.2
O20A	White River Ct	104.11	50	Pdiff	Pdiff	17 47 04.1	+0.8
MVCO	Mesa Verde	104.12	53	Pdiff	Pdiff	17 47 05.0	+1.5
APA	Apatity	104.31	339	iP	pmax	17 47 00.9	-2.4
APA	comp=Z,1.5nm,0.8s	104.31	339	iP	pmax	17 47 00.9	-2.4
VRH	comp=Z,2.2nm,19.0s	104.44	321	eP	pmax	17 47 01.8	-2.4
VRH	Novokhopovsk	104.44	321	eP	pmax	17 47 01.8	-2.4
LAO	LASA Array	104.86	43	Pdiff	Pdiff	17 47 07.7	+1.4
121A	Cookes Peak, D	104.99	58	Pdiff	Pdiff	17 47 10.1	+2.8
K22A	Casper	105.15	47	PKIKP	PKIKP	17 51 25.0	+4.2
N23A	Red Feather La	105.78	49	PKIKP	PKIKP	17 51 22.1	-0.1
LPSR	Galich'ya Gora	105.89	323	eP	pmax	17 47 08.4	-2.2
LPSR	comp=Z,2.0nm,1.1s	105.94	55	PKIKP	PKIKP	17 51 24.2	+1.7
ANMO	Albuquerque	105.94	55	PKIKP	PKIKP	17 51 24.2	+1.7
PMSA	Palmer Station	105.97	166	Pdiff	Pdiff	17 47 11.6	+0.9
VSR	Stormzhevo	106.02	322	eP	pmax	17 47 08.5	-2.7
VSR	comp=Z,2.7nm,0.8s	106.02	322	eP	pmax	17 47 08.5	-2.7
ARCES	ARCES Array B	106.11	342	Pdiff	Pdiff	17 47 11.2	-0.1
ARCES	comp=Z,3.1nm,0.8s,baz=72,slow=6.0,SNR=41	106.11	342	Pdiff	Pdiff	17 47 11.2	-0.1
ARCES	comp=Z,3.4nm,0.8s,baz=97,slow=1.6,SNR=11	106.11	342	Pdiff	Pdiff	17 47 11.2	-0.1
ARCES	comp=Z,3.4nm,0.8s,baz=97,slow=1.6,SNR=11	106.11	342	Pdiff	Pdiff	17 47 11.2	-0.1
SDCO	Great Sand Dun	106.46	52	PKIKP	PKIKP	17 51 24.9	+1.4
SDCO	comp=Z,2.1nm,0.6s,baz=246,slow=2.9,SNR=7.2	106.46	52	PKIKP	PKIKP	17 51 24.9	+1.4
MNTX	Cornudas Mount	107.07	59	PKIKP	PKIKP	17 51 26.2	+1.7
T25A	Trinidad	107.38	53	PKIKP	PKIKP	17 51 26.3	+1.1
DAG	Danmarks Havn	108.44	357	iP	Pdiff	17 47 20.0	-1.5
DAG	comp=Z,6.5nm,0.9s	108.44	357	iP	Pdiff	17 47 20.0	-1.5
DAG	Danmarks Havn	108.44	357	iP	Pdiff	17 47 20.0	-1.5
DAG	comp=Z,4.5nm,0.9s	108.44	357	iP	Pdiff	17 47 20.0	-1.5
DAG	Danmarks Havn	108.44	357	iP	Pdiff	17 47 20.0	-1.5
TXAR	Lajitas Array	108.72	61	Pdiff	Pdiff	17 47 25.7	+1.8
TXAR	comp=Z,0.8nm,0.9s,baz=282,slow=6.3,SNR=4	108.72	61	Pdiff	Pdiff	17 47 25.7	+1.8
TXAR	comp=Z,7.3nm,0.9s,baz=264,slow=10.9,SNR=21	108.72	61	Pdiff	Pdiff	17 47 25.7	+1.8
TXAR	comp=Z,12nm,1.1s,baz=272,slow=4.5,SNR=16	108.72	61	Pdiff	Pdiff	17 47 25.7	+1.8
TXAR	comp=Z,1.0nm,1.0s,baz=107,slow=6.1,SNR=31	108.72	61	Pdiff	Pdiff	17 47 25.7	+1.8
TXAR	comp=Z,1.1nm,0.8s,baz=115,slow=6.9,SNR=5.3	108.72	61	Pdiff	Pdiff	17 47 25.7	+1.8
MSTX	Muleshoe	109.56	56	PKIKP	PKIKP	17 51 29.4	+1.2
MDND	Maddock	109.08	41	PKIKP	PKIKP	17 51 28.4	+0.6
KULLO	Kullorsuaq	109.48	7	iP	PKIKP	17 51 27.4	-0.3
FINES	FINES Array B	109.67	334	Pdiff	Pdiff	17 47 26.1	-1.2
FINES	comp=Z,2.1nm,0.7s,baz=66,slow=4.8,SNR=23	109.67	334	Pdiff	Pdiff	17 47 26.1	-1.2
FINES	comp=Z,2.1nm,0.7s,baz=66,slow=4.8,SNR=23	109.67	334	Pdiff	Pdiff	17 47 26.1	-1.2
FINES	comp=Z,2.1nm,0.7s,baz=66,slow=4.8,SNR=23	109.67	334	Pdiff	Pdiff	17 47 26.1	-1.2
AMTX	Amarillo	109.85	55	PKIKP	PKIKP	17 51 31.2	+1.5
SUSD	Miller	110.28	45	PKIKP	PKIKP	17 51 30.9	+0.7
KMBO	Kilima Mbojo	110.47	267	PKIKP	PKIKP	17 51 32.2	+0.5
KMBO	comp=Z,1.1nm,0.5s,baz=306,slow=2.5,SNR=7.5	110.47	267	PKIKP	PKIKP	17 51 32.2	+0.5
KMBO	comp=Z,1.9nm,0.8s,baz=257,slow=4.8,SNR=4.3	110.47	267	PKIKP	PKIKP	17 51 32.2	+0.5
ULM	Lac du Bonnet	110.82	38	Pdiff	Pdiff	17 47 32.2	-0.4
ULM	comp=Z,1.5nm,0.8s,baz=304,slow=11,SNR=2.8	110.82	38	Pdiff	Pdiff	17 47 32.2	-0.4
ULM	comp=Z,2.3nm,0.8s,baz=309,slow=2.7,SNR=29	110.82	38	Pdiff	Pdiff	17 47 32.2	-0.4
ULM	comp=Z,1.6nm,1.0s,baz=289,slow=7.6,SNR=7.4	110.82	38	Pdiff	Pdiff	17 47 32.2	-0.4
ULM	Lac du Bonnet	110.82	38	Pdiff	Pdiff	17 47 32.2	-0.4
AGNM	Agassiz Nation	111.39	40	PKIKP	PKIKP	17 51 32.1	0.0
BGNE	Belgrade	111.51	48	PKIKP	PKIKP	17 51 33.1	+0.6
ABTX	Ahliene, Hawle	111.82	57	PKIKP	PKIKP	17 51 35.0	+1.6
JCT	Junction City	111.95	59	PKIKP	PKIKP	17 51 35.0	+1.2
ECSD	EROS Data Cent	112.09	45	PKIKP	PKIKP	17 51 33.7	+0.1
BRTR	Keskin Array B	112.15	311	PKIKP	PKIKP	17 51 34.3	+0.3
BRTR	comp=Z,2.0nm,0.8s,baz=97,slow=1.4,SNR=6.1	112.15	311	PKIKP	PKIKP	17 51 34.3	+0.3
BRTR	comp=Z,2.0nm,0.8s,baz=97,slow=1.4,SNR=6.1	112.15	311	PKIKP	PKIKP	17 51 34.3	+0.3
AKASG	comp=Z,3.7nm,0.9s,baz=212,slow=2.8,SNR=9.9	112.22	23	Pdiff	Pdiff	17 47 37.5	-1.3
AKASG	comp=Z,0.9nm,0.6s,baz=53,slow=5.0,SNR=4.7	112.22	23	Pdiff	Pdiff	17 47 37.5	-1.3
AKASG	comp=Z,2.0nm,0.4s,baz=61,slow=2.4,SNR=17	112.22	23	Pdiff	Pdiff	17 47 37.5	-1.3
AKASG	comp=Z,1.4nm,0.7s,baz=59,slow=7.0,SNR=4.4	112.22	23	Pdiff	Pdiff	17 47 37.5	-1.3
AKASG	comp=Z,5.5nm,0.9s,baz=263,slow=3.5,SNR=18	112.22	23	Pdiff	Pdiff	17 47 37.5	-1.3
AKASG	Malin Array Be	112.22	23	Pdiff	Pdiff	17 47 37.5	-1.3
WMOK	Wichita Mounta	112.23	55	PKIKP	PKIKP	17 51 34.7	+0.6
833A	Chaparral WMA	112.54	62	PKIKP	PKIKP	17 51 36.3	+1.5
USHA	Ushuaia	112.67	158	PKIKP	PKIKP	17 51 35.6	+1.3
USHA	comp=Z,5.4nm,0.7s,baz=243,slow=2.3,SNR=3.2	112.67	158	PKIKP	PKIKP	17 51 35.6	+1.3
SUMG	Summit	112.92	2	iP	PKIKP	17 51 35.0	+0.2
SUMG	comp=Z,4.8nm,1.0s	112.92	2	iP	PKIKP	17 51 35.0	+0.2
SUMG	comp=Z,4.8nm,1.0s	112.92	2	iP	PKIKP	17 51 35.0	+0.2
KSUI	Kansas State U	113.14	50	PKIKP	PKIKP	17 51 36.8	+1.1
SORM	Soroca	113.61	321	iP	PKIKP	17 51 36.5	+0.2
SORM	Soroca	113.61	321	iP	PKIKP	17 51 36.5	+0.2
WHTX	Lake Whitney	113.75	58	P	PKIKP	17 51 37.9	+0.9
EYMN	Ely	114.28	39	P	PKIKP	17 51 37.8	+0.1
SPMN	Marine on St.	114.31	43	PKIKP	PKIKP	17 51 38.3	+0.5
TUL1	Leonard	114.43	53	PKIKP	PKIKP	17 51 39.0	+0.7
SCO	Scoresbysund	114.81	356	iP	PKIKP	17 51 38.7	+0.7
SCO	Scoresbysund	114.81	356	iP	PKIKP	17 51 38.7	+0.7
SCIA	State Center	114.97	46	PKIKP	PKIKP	17 51 39.1	-0.1
SCIA	State Center	114.97	46	PKIKP	PKIKP	17 51 39.5	+0.3

X37A	Clayton	115.02	54	PKIKP	PKIKP	17 51 40.2	+0.8
237A	Washetta, Mont	115.13	57	PKIKP	PKIKP	17 51 40.8	+1.1
ILULI	Ilulissat	115.18	7	iP	PKIKP	17 51 38.7	0.0
ILULI	comp=Z,4.1nm,1.1s	115.18	7	iP	PKIKP	17 51 38.7	0.0
ILULI	Ilulissat	115.18	7	PKIKP	PKIKP	17 51 38.3	-0.4
BOSA	Boshof	115.27	35	PKP	PKIKP	17 51 40.5	+0.2
BOSA	comp=Z,2.4nm,0.5s,baz=81,slow=0.6,SNR=15	115.27	35	PKP	PKIKP	17 51 40.5	+0.2
BOSA	comp=Z,2.4nm,0.5s,baz=81,slow=0.6,SNR=15	115.27	35	PKP	PKIKP	17 51 40.5	+0.2
HKT	Hockley	115.43	60	PKIKP	PKIKP	17 51 40.0	-0.3
HKT	Hockley	115.43	60	PKIKP	PKIKP	17 51 40.0	-0.3
US5A	Uvehoi	115.43	52	PKIKP	PKIKP	17 51 39.8	-0.4
HFS	Hagfors	115.51	33	PKIKP	PKIKP	17 51 40.3	-0.2
Z38A	Mt. Pleasant	115.59	56	PKIKP	PKIKP	17 51 40.8	+0.3
BURAR	Buocovina Array	115.77	321	iP	PKIKP	17 51 42.7	+2.1
BURAR	Buocovina Array	115.77	321	iP	PKIKP	17 51 42.7	+2.1
BURAR	Buocovina Array	115.77	321	iP	PKIKP	17 51 42.7	+2.1
HHAR	Hobbs	115.82	52	PKIKP	PKIKP	17 51 40.7	-0.3
NB2	NORSAR Subarra15	115.82	338	PKP	PKIKP	17 51 39.1	-1.3
NOA	NORSAR Array B	115.88	338	PKP	PKIKP	17 51 39.7	-0.7
NOA	comp=Z,2.2nm,0.9s,baz=44,slow=1.9	115.88	338	PKP	PKIKP	17 51 39.7	-0.7
NOA	comp=Z,2.5nm,0.9s,baz=53,slow=2.0,SNR=9.7	115.88	338	PKP	PKIKP	17 51 39.7	-0.7
NOA	comp=Z,1.9nm,0.9s,baz=47,slow=5.9,SNR=4.7	115.88	338	PKP	PKIKP	17 51 39.7	-0.7
NOA	comp=Z,3.9nm,1.0s,baz=38,slow=3.7,SNR=5.3	115.88	338	PKP	PKIKP	17 51 39.7	-0.7
S39A	Bolivar	115.98	51	PKIKP	PKIKP	17 51 40.7	-0.5
G40A	Rib Lake	116.03	42	PKIKP	PKIKP	17 51 40.4	-0.8
MLR	Muntele Rosu	116.05	318	iP	PKIKP	17 51 40.1	-1.2
MLR	Muntele Rosu	116.05	318	iP	PKIKP	17 51 40.1	-1.2
NATX	Nacogdoches	116.13	57	PKIKP	PKIKP	17 51 41.9	+0.2
NATX	Nacogdoches	116.13	57	PKIKP	PKIKP	17 51 41.9	+0.2
W39A	Magazine	116.18	53	PKIKP	PKIKP	17 51 41.6	0.0
W39A	Magazine	116.18	53	PKIKP	PKIKP	17 51 41.6	0.0
I40A	Norwalk	116.21	43	PKIKP	PKIKP	17 51 40.3	-1.2
DOPR	Dopca	116.25	319	iP	PKIKP	17 51 42.8	+1.3
LBTB	Lobates	116.29	239	PKIKP	PKIKP	17 51 41.9	+1.3
LBTB	comp=Z,5.4nm,0.9s,baz=296,slow=4.5,SNR=4.0	116.29	239	PKIKP	PKIKP	17 51 42.7	+0.4
LBTB	Lobates	116.29	239	PKIKP	PKIKP	17 51 42.7	+0.4
L40A	Anamosa	116.35	46	PKIKP	PKIKP	17 51 40.6	-1.2
COWI	Conover	116.44	41	PKIKP	PKIKP	17 51 41.8	-0.1
D41A	Chassel	116.45	40	PKIKP	PKIKP	17 51 42.0	+0.2
MIAR	Mount Ida	116.48	54	PKIKP	PKIKP	17 51 43.3	+1.0
MIAR	Mount Ida	116.48	54	PKIKP	PKIKP	17 51 43.3	+1.0
MIAR	Mount Ida	116.48	54	PKIKP	PKIKP	17 51 43.3	+1.0
KWP	Kalwaria Pacla	116.50	324	PKIKP	PKIKP	17 51 42.0	+0.1
KWP	Kalwaria Pacla	116.50	324	PKIKP	PKIKP	17 51 42.0	+0.1
Yellville	Yellville	116.52	41	PKIKP	PKIKP	17 51 41.9	-0.7
U40A	Yellville	116.66	52	P	PKIKP	17 51 42.8	+0.2
VOIR	Voire	116.66	319	iP			

10d 17h

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes call signs like Q48A, P48A, H49A, etc.

2014 MAR

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes call signs like GRF, H51A, Z50A, etc.

500

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes call signs like E55A, D55A, T53A, etc.

U55A	PAUL Pauline	125.70	48	P	PKPpdf	17 52 00.2 +0.2	Z57A	Bowman	127.10	52	P	PKIKP	17 52 03.6 +0.4	I62A	Tamworth	128.57	36	P	PKPpdf	17 52 04.3 -0.8	
PAUL Pauline	125.70	51	P	PKPpdf	17 51 59.3 -0.7	I59A	Olmsteadville	127.11	37	P	PKPpdf	17 52 02.7 +0.3	I62A	Tamworth	128.57	36	P	PKIKP	17 52 05.7 -0.1		
PAUL Pauline	125.72	36	P	PKPpdf	17 51 59.5 -0.1	PAGS	Pennsylvania G	127.12	42	P	PKPpdf	17 52 01.7 -0.8	E63A	Oxbow	128.59	32	P	PKPpdf	17 52 04.0 -1.2		
N56A	West Decatur	125.75	42	P	PKPpdf	17 52 00.2 +0.2	R58A	Rapidan	127.14	45	P	PKPpdf	17 52 02.6 0.0	E63A	Oxbow	128.59	32	P	PKPpdf	17 52 04.9 -0.2	
HPK Haverah Park	125.77	33	eP	PKPpdf	17 51 59.4 -0.1	D61A	St Aubert, Com	127.16	32	P	PKPpdf	17 52 02.3 -0.1	PAL	Palisades	128.59	40	PKIKP	PKPpdf	17 52 04.7 -0.6		
D58A	Chemin du LacG	125.78	33	P	PKPpdf	17 51 59.2 -0.5	ACON	Acopaya	127.18	79	P	PKPpdf	17 52 02.9 -0.4	PAL	Palisades	128.59	40	PKIKP	PKPpdf	17 52 05.6 +0.3	
V55A	Taylorville	125.78	49	P	PKPpdf	17 51 59.8 -0.4	FOEL	Foel Wyfla	127.19	338	eP	PKPpdf	17 52 02.1 -0.2	FFD	Franklin Falls	128.62	36	PKPpdf	PKPpdf	17 52 05.5 +0.3	
V55A	Taylorville	125.78	49	P	PKIKP	17 52 00.6 +0.1	WPS	Cemaes, Angles	127.24	340	eP	PKPpdf	17 52 01.7 -0.6	GOI	Presque Isle	128.63	31	PKPpdf	PKPpdf	17 52 05.0 -0.2	
KESW Keswick, Cumbr	125.80	340	eP	PKPpdf	17 51 59.2 -0.3	L59A	Walton	127.25	40	P	PKPpdf	17 52 01.9 -0.9	GOI	Presque Isle	128.64	136	PKPpdf	PKPpdf	17 52 05.7 -0.3		
TUE Stuetta	125.82	326	eP	PKPpdf	17 51 59.2 -0.9	L59A	Walton	127.25	40	P	PKPpdf	17 52 02.9 +0.1	OG1	Allentown	128.65	42	P	PKIKP	PKPpdf	17 52 06.1 +0.1	
H57A	Richville	125.83	37	P	PKPpdf	17 51 59.7 -0.2	G60A	Masonville	127.27	35	P	PKPpdf	17 52 02.6 -0.1	J62A	Henniker	128.67	37	P	PKIKP	PKPpdf	17 52 06.1 +0.1
BLA Blacksburg	125.86	47	PKIKP	PKPpdf	17 51 59.3 -0.9	WL1F	Lynnese	127.30	339	eP	PKPpdf	17 52 01.4 -1.0	CPNY	Central Park	128.67	41	PKPpdf	PKPpdf	17 52 05.4 0.0		
BLA Blacksburg	125.86	47	PKIKP	PKPpdf	17 51 59.3 -0.9	M59A	Waymart	127.34	40	P	PKIKP	17 52 03.2 -0.2	F63A	Nahmakanta, Br	128.69	33	PKPpdf	PKPpdf	17 52 05.3 0.0		
BLA Blacksburg	125.86	47	PKIKP	PKPpdf	17 52 00.3 +0.1	T58A	Grand View Arc	127.34	47	P	PKPpdf	17 52 03.2 +0.2	F63A	Nahmakanta, Br	128.69	33	PKPpdf	PKPpdf	17 52 05.6 +0.2		
O56A	Blue Knob Stat	125.87	43	P	PKPpdf	17 51 59.8 -0.4	YLL	YLL	127.34	339	eP	PKPpdf	17 52 02.2 -0.3	X60A	Albert Glenn T	128.72	49	P	PKIKP	PKPpdf	17 52 07.2 +0.8
O56A	Blue Knob Stat	125.87	43	P	PKIKP	17 52 00.5 -0.2	H60A	Morristown	127.37	36	P	PKIKP	17 52 03.3 -0.2	K62A	Royalston	128.73	38	PKPpdf	PKPpdf	17 52 05.3 -0.3	
I57A	Carthage	125.95	38	P	PKPpdf	17 52 00.1 -0.1	R58B	Mineral	127.38	46	P	PKPpdf	17 52 02.1 -1.0	K62A	Royalston	128.73	38	PKPpdf	PKPpdf	17 52 06.2 0.0	
ECH Echery	125.95	329	PKIKP	PKPpdf	17 51 59.3 -0.8	R58B	Mineral	127.38	46	P	PKPpdf	17 52 03.0 -0.1	V60A	Jim Taylor Roa	128.77	48	P	PKPpdf	PKPpdf	17 52 05.8 0.0	
ECH Echery	125.95	329	PKIKP	PKPpdf	17 51 59.3 -0.8	V58A	Windy Hill, Pi	127.38	49	P	PKPpdf	17 52 02.6 -0.5	V60A	Jim Taylor Roa	128.77	48	P	PKIKP	PKPpdf	17 52 07.1 +0.6	
KMSC Kings Mountain	125.96	50	P	PKPpdf	17 51 59.9 -0.6	V58A	Windy Hill, Pi	127.38	49	P	PKPpdf	17 52 03.5 -0.2	G63A	Kingsbury	128.78	34	P	PKPpdf	PKPpdf	17 52 05.8 +0.2	
KMSC Kings Mountain	125.96	50	P	PKIKP	17 52 00.9 0.0	S58A	Poland Farm, P	127.41	46	P	PKPpdf	17 52 03.1 0.0	H63A	Sharon	128.84	34	P	PKIKP	PKPpdf	17 52 06.9 +0.6	
X55A	Gracelyn & Ava	125.96	51	P	PKIKP	17 52 02.2 +1.3	S58A	Poland Farm, P	127.41	46	P	PKPpdf	17 52 03.2 +0.1	PKME	Peaks-Kenny Pk	128.87	33	PKPpdf	PKPpdf	17 52 05.9 +0.2	
Y55A	Saluda	125.97	52	P	PKIKP	17 52 01.2 +0.3	I60A	Shoreham	127.43	37	P	PKIKP	17 52 03.6 +0.1	PKME	Peaks-Kenny Pk	128.87	33	PKPpdf	PKPpdf	17 52 07.0 +0.6	
F58A	St-Lin Laurent	125.97	35	P	PKPpdf	17 52 00.1 0.0	N58A	State Game Lan	127.43	41	P	PKPpdf	17 52 03.0 -0.2	QUA2	Dunstabletown	128.88	38	PKPpdf	PKPpdf	17 52 05.6 -0.2	
Q56A	Snyder Ridge	125.98	45	P	PKPpdf	17 51 59.9 -0.6	N58A	State Game Lan	127.43	41	P	PKIKP	17 52 03.5 -0.2	E64A	Bridgewater	128.90	31	PKPpdf	PKPpdf	17 52 06.3 -0.1	
Q56A	Snyder Ridge	125.98	45	P	PKPpdf	17 52 00.4 0.0	SDMD	Soldier's Deli	127.44	43	PKPpdf	17 52 02.7 -0.5	I63A	Otisfield	128.90	35	P	PKIKP	PKPpdf	17 52 06.8 +0.3	
E58A	La Victoria	125.99	34	P	PKPpdf	17 52 00.1 -0.1	JTS	Las Juntas de	127.44	81	SKPbpc	17 54 59.7	N62A	Camusset State	128.92	40	P	PKIKP	PKPpdf	17 52 07.0 +0.4	
J57A	Williamstown	126.02	39	P	PKPpdf	17 51 60.0 -0.3	JTS	Las Juntas de	127.44	81	SKPbpc	17 52 03.5 -0.4	R61A	Willards	128.99	44	P	PKIKP	PKPpdf	17 52 07.3 +0.5	
J57A	Williamstown	126.02	39	P	PKPpdf	17 52 00.4 +0.1	JTS	Las Juntas de	127.44	81	SKPbpc	17 52 03.5 -0.4	F64A	Sherman	128.99	32	P	PKPpdf	PKPpdf	17 52 05.3 -0.6	
P56A	Dayton Farm, R	126.02	44	P	PKPpdf	17 52 00.4 0.0	O59A	Robesonia	127.45	42	P	PKPpdf	17 52 03.5 +0.3	F64A	Sherman	128.99	32	P	PKPpdf	PKPpdf	17 52 06.6 0.0
K57A	Scipio Center	126.04	40	P	PKPpdf	17 52 00.2 -0.2	ACCN	Acornback Com	127.46	38	PKPpdf	17 52 02.7 -0.4	M62A	Hamden	129.01	39	P	PKIKP	PKPpdf	17 52 06.6 -0.2	
ZCCA	Zocca	126.07	323	PKPpdf	17 52 00.6 +0.1	VT1	Waterbury	127.47	36	PKPpdf	17 52 03.0 -0.1	YLE	Yale	129.05	39	PKPpdf	PKPpdf	17 52 05.8 -0.3			
R56A	Bull Pasture M	126.10	46	P	PKPpdf	17 52 00.9 +0.2	E61A	Lac Etchemin	127.48	33	P	PKIKP	17 52 03.5 -0.1	S61A	Accomac	129.06	45	PKPpdf	PKPpdf	17 52 06.6 +0.3	
GALLI	Galloway	126.11	341	eP	PKPpdf	17 51 59.7 -0.4	F61A	St Evariste	127.50	34	P	PKIKP	17 52 03.6 -0.1	S61A	Accomac	129.06	45	PKPpdf	PKPpdf	17 52 07.2 +0.2	
255A	Hazlehurst	126.14	54	PKPpdf	17 52 00.8 -0.1	MV1	Millersville	127.50	43	PKPpdf	17 52 03.2 0.0	J63A	Stratford	129.07	36	P	PKIKP	PKPpdf	17 52 07.1 +0.3		
SSPA	Standing Stone	126.16	43	P	PKPpdf	17 52 00.5 -0.1	U58A	Oxford	127.56	48	P	PKIKP	17 52 04.3 +0.3	WV1	Waterbury	129.12	47	P	PKPpdf	PKPpdf	17 52 06.4 +0.3
SSPA	Standing Stone	126.16	43	P	PKPpdf	17 52 00.7 +0.1	NHSC	New Hope	127.58	52	P	PKIKP	17 52 04.1 0.0	U61A	Possum Corner	129.12	47	P	PKPpdf	PKPpdf	17 52 07.2 0.0
L57A	Andrews Acres	126.19	41	P	PKPpdf	17 52 00.8 +0.1	NHSC	New Hope	127.58	52	P	PKIKP	17 52 04.7 +0.5	K63A	Maxfield	129.15	37	P	PKIKP	PKPpdf	17 52 07.2 +0.2
T56A	Rocky Mt	126.21	47	P	PKPpdf	17 52 01.0 +0.1	W58A	Raeoford	127.60	49	P	PKIKP	17 52 04.4 +0.3	G64A	Maxfield	129.17	33	P	PKPpdf	PKPpdf	17 52 06.6 +0.3
U56A	King	126.22	48	P	PKPpdf	17 52 00.2 -0.7	G61A	St-Isidore-de-	127.62	35	P	PKIKP	17 52 03.8 -0.2	O61Z	Onondopi	129.18	61	PKPpdf	PKPpdf	17 52 07.0 +0.1	
U56A	King	126.22	48	P	PKIKP	17 52 01.4 0.0	CBN	Corbin Frederi	127.62	45	P	PKPpdf	17 52 03.4 -0.2	BATG	Bathurst New B	129.21	29	PKPpdf	PKPpdf	17 52 05.6 -0.7	
LONY	Lake Ozonia	126.23	37	P	PKPpdf	17 52 00.4 -0.3	PTD	Jarrettsville	127.63	45	PKPpdf	17 52 03.8 +0.3	W61A	Ground Anchor	129.22	48	PKPpdf	PKPpdf	17 52 07.2 -0.2		
LONY	Lake Ozonia	126.23	37	P	PKPpdf	17 52 00.6 -0.1	S58A	Scranton	127.69	51	PKPpdf	17 52 03.5 -0.3	HRV	Adam Dzewonski	129.23	37	PKIKP	PKPpdf	17 52 06.3 -0.2		
G58A	Ormstown	126.24	36	P	PKPpdf	17 52 00.4 -0.3	Y58A	Scranton	127.69	51	PKPpdf	17 52 04.9 +0.5	HRV	Adam Dzewonski	129.23	37	PKIKP	PKPpdf	17 52 07.1 -0.1		
S56A	Natural Bridge	126.29	47	P	PKPpdf	17 52 01.3 +0.2	158A	Hollywood	127.70	52	P	PKIKP	17 52 04.7 +0.3	V61A	Roper	129.26	47	P	PKPpdf	PKPpdf	17 52 06.6 -0.1
M57A	Sunshine Farm,	126.33	41	PKPpdf	17 52 00.7 -0.3	X58A	Rowland	127.70	50	PKPpdf	17 52 04.1 +0.3	V61A	Roper	129.26	47	P	PKIKP	PKPpdf	17 52 07.4 0.0		
M57A	Sunshine Farm,	126.33	41	PKIKP	17 52 01.3 -0.2	X58A	Rowland	127.70	50	PKPpdf	17 52 05.3 +0.9	H64A	Troy	129.30	34	P	PKPpdf	PKPpdf	17 52 06.5 0.0		
V56A	Mocksville	126.34	49	P	PKIKP	17 52 01.5 -0.1	K60A	Five Rivers En	127.75	39	P	PKIKP	17 52 04.2 0.0	WES	Weston	129.35	37	PKIKP	PKPpdf	17 52 06.9 0.0	
E59A	St. Maurice	126.35	34	P	PKPpdf	17 52 01.0 +0.2	Z58A	St. Stephen	127.78	52	P	PKIKP	17 52 04.9 +0.4	WES	Weston	129.35	37	PKIKP	PKPpdf	17 52 06.9 0.0	
D59A	Saint-Raymond	126.40	33	P	PKPpdf	17 52 00.9 0.0	R58A	King George, V	127.81	45	P	PKIKP	17 52 04.3 -0.1	CF	Compton Fontan	129.45	37	PKPpdf	PKPpdf	17 52 08.1 0.0	
X56A	White Oak	126.42	51	P	PKIKP	17 52 02.1 +0.3	Q59A	Harwood	127.83	44	P	PKIKP	17 52 04.6 +0.2	CF	Compton Fontan	129.45	37	PKPpdf	PKPpdf	17 52 08.1 0.0	
LATE	Laterza	126.47	320	PKPpdf	17 52 00.7 -0.6	MCH1	Methodist Church	127.83	338	eP	PKPpdf	17 52 03.0 -0.5	CF	Compton Fontan	129.45	37	PKPpdf	PKPpdf	17 52 08.1 0.0		
J58A	Remsen	126.48	38	P	PKPpdf	17 52 00.9 -0.3	D62A	Allapoint, AI	127.83	31	P	PKPpdf	17 52 03.0 -0.6	I64A	Boothbay	129.50	35	P	PKIKP	PKPpdf	17 52 07.4 -0.3
J58A	Remsen	126.48	38	P	PKPpdf	17 52 01.4 +0.2	D62A	Allapoint, All	127.83	31	P	PKPpdf	17 52 03.5 -0.2	M63A	Gales Ferry	129.56	39	P	PKPpdf	PK	

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like San Jacinto, Norcia, Braganca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Rio Claro-Sao, Santa Antonio, Paraibuna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like RIGZ, Rimohau, Tahirua Road, etc.

WEL 10:17:39;20.3,39'S;171.78'E; h=67km,3km, M2.6/22, M-L2.6/21, M-L2.6/22. Error ellipse: s-maj=0.0km

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

NEIC 10:17:45;38.71,4.1,311.75;0.3;177.7W;0.3; h254km,19km, mb4.5/0.5, Error ellipse: s-maj=48.1km s-min=22.9km az=149.0

IDC 10:17:45;57.44,5.32;145.179;97E; h282km,44km, mb3.7/3, mb1.4/0.5, mb1mx3.4/5.4, mbtmpp4.6/5, Error ellipse: s-maj=51.4km s-min=38.3km az=12.0

WEL 10:17:46;01.9,0.3,32.3'S;147.18'W; h33km, M5.0/16, mb5.5/10, M5.2/16, M5.0/16, M5.0/16, M5.0/16, h300km, n129, g250/121, mb4.27, 1.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Green Lake, Karaka, Kaitake, etc.

INET 10:18:00;58.9,9.98N;84.88W, h35km, M3.4, M4.4, IDC 10:18:00;58.7,0.5, 10.24N;84.88W, h47km,4km, mb3.8/15, mb1.4/0.18, mb1mx3.8/5.6, mbtmpp4.1/18, MS3.9/3, Ms1.3.9/3, ms1mx3.5/28, Error ellipse: s-maj=21.3km s-min=9.2km az=45.0

UPA 10:18:00;58.9,2.2, 10.20N;85.03W, h11km,40km, MW4.8, UCR 10:18:00;59.7,2.6, 10.02N;85.06W, h25km,6km, MW3.9, MW4.7, mb4.5(NEIC), Fault plane solution: NP1: 0.47, 3.4000, -0.52, 84000, -1.64, 59000

NEIC 10:18:00;59.5,2.8, 10.06N;0.07;84.99W;0.07, h47km,5km, Error ellipse: s-maj=12.4km s-min=8.2km az=48.0

ISC 10:18:00;58.8,0.5, 10.07N;0.04;85.04W;0.03, h43km,4km, h43km; p-P, n160, 0.1971/184, mb4.5/32.7-C8-DB, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Green Lake, Karaka, Kaitake, etc.

JTS	Las Juntas de	0.23 22 P	Pn	18 01 07.1 +0.3	V51A	Iamb	Iamb	18 06 40.8	comp=Z,6.2nm,0.8s,baz=309,slow=17,SNR=2.1	ABPO	Ambohpanom	28.81 25 P	P	18 09 56.5 +0.4
JTS	3um,0.3s,baz=240,slow=1.8,SNR=5009		S	18 01 13.0 +0.6	TXAR	Lajitas Array	25.90 320 P	P	18 06 27.2 +0.2	ABPO	Ambohpanom	28.81 25 P	Iamb	18 10 08.2
JTS	Las Juntas de	0.23 22 P	Pn	18 01 07.1 +0.3	TXAR	Lajitas Array	25.90 320 P	P	18 09 55.1 -0.2	OPO	Abobitongo	29.22 25 P	P	18 09 58.4 -1.4
JTS	Las Juntas de	0.23 22 P	Pn	18 01 07.0 +0.2	TXAR	Lajitas Array	25.90 320 P	P	18 12 29.1 -2.4	TSUM	Tsumeb	30.30 326 P	P	18 10 07.6 -1.7
JTS	Las Juntas de	0.23 22 P	Pn	18 01 13.3 +1.0	TXAR	Lajitas Array	25.90 320 P	P	18 06 28.4 +1.4	LSZ	Lusaka	31.16 348 P	P	18 21 02.7
JTS	Las Juntas de	0.23 22 P	Pn	18 01 06.8 0.0	TX31	Lajitas Arr. Si	25.90 320 P	P	18 06 28.8 +1.8	LSZ	Lusaka	31.16 348 P	P	18 10 16.7 -0.2
PLVR	Paio Verde	0.41 312 P	Pn	18 01 09.2 +0.4	TX31	Lajitas Arr. Si	25.90 320 P	P	18 06 41.5	LSZ	Lusaka	31.16 348 P	P	18 21 50.8
GUAI	GUAI	0.50 293 P	Pn	18 01 10.2 +0.5	TX32	Lajitas Array	25.90 320 P	P	18 06 28.8 +1.9	LSZ	Lusaka	31.16 348 P	P	18 21 50.8
GUAI	GUAI	0.50 293 P	Pn	18 01 19.1 +1.7	TX32	Lajitas Array	25.90 320 P	P	18 06 41.5	LSZ	Lusaka	31.16 348 P	P	18 10 16.8 0.0
CEDE	Laguna Cededo	0.53 39 P	Pn	18 01 10.9 +0.8	WHAR	Wooley Hoolow	25.96 346 P	P	18 06 27.8 +0.5	LSZ	Lusaka	31.16 348 P	P	18 10 18.0
CEDE	Fortuna	0.54 43 P	Pn	18 01 19.9 +1.7	WHAR	Wooley Hoolow	25.96 346 P	P	18 06 53.4	SNAZ	Sanaz	31.25 202 P	P	18 10 16.0 -1.2
FORC	Fortuna	0.54 43 P	Pn	18 01 01.2 +1.0	ABTX	Abilene, Hawle	26.18 331 P	P	18 06 30.7 +1.3	GSPA	South Pole Qui	44.20 180 P	P	18 12 05.9 -0.7
ACAL	Aguas Claras	0.56 1 P	Pn	18 01 11.6 +1.0	ABTX	Abilene, Hawle	26.18 331 P	P	18 06 43.8	KMBO	Kilima Mbogo	44.76 3 P	P	18 12 11.8 +0.2
ACAL	Aguas Claras	0.56 1 P	Pn	18 01 12.5 +0.9	LCAR	Lake Charles	26.47 349 P	P	18 06 37.7 -0.7	MBAR	Mbarara	45.38 354 P	P	18 12 18.6 +2.1
CUI	Cuipilapa	0.59 348 P	Pn	18 01 11.9 +0.9	PTGA	Pitinga	27.16 112 P	P	18 06 39.3 +0.9	MBAR	Mbarara	45.38 354 P	P	18 12 36.8
CUI	Cuipilapa	0.59 348 P	Pn	18 01 21.5 +1.8	PTGA	Pitinga	27.16 112 P	P	18 06 40.6	VNDA	Vanda	52.49 167 P	P	18 13 10.4 +0.2
COLC	Colonia	0.61 345 P	Pn	18 01 12.1 +0.9	WNOK	Wichita Mounst	27.58 335 P	P	18 06 44.6 +2.7	VNDA	Vanda	52.49 167 P	P	18 13 35.2
PTEN	Parque Tenorio	0.64 5 P	Pn	18 01 12.5 +0.9	MNTX	Comudas Mount	28.37 3 P	P	18 06 54.2 +0.8	TOAO	Torodi Arr. Sit	66.03 324 P	P	18 14 46.2 +1.6
LM1	Limonal	0.66 342 P	Pn	18 01 12.6 +0.8	OS1A	Peebles	28.87 3 P	P	18 06 54.2 +0.8	TORD	Torodi Arr. Bea	66.03 324 P	P	18 14 46.2 +1.6
LM1	Limonal	0.66 342 P	Pn	18 01 23.0 +1.8	LPZA	La Paz	31.08 147 P	P	18 07 14.2 +0.4	TORD	Torodi Arr. Bea	66.03 324 P	P	18 14 46.2 +1.6
GUAB	Guayabo de Bag	0.66 344 P	Pn	18 01 12.9 +1.0	LPZA	La Paz	31.08 147 P	P	18 07 15.5	PALK	Pallekele	66.97 51 LR	LR	18 37 07.8
MESS	Mesasa	0.66 347 P	Pn	18 01 13.2 +1.1	X16A	Lo Mia Camp, P	34.21 319 P	P	18 07 41.7 +1.1	CPUP	Villa Florida	72.98 250 P	P	18 15 27.0 -0.5
GPS2	Hotel Rincon d	0.74 336 P	Pn	18 01 14.2 +1.2	X16A	Lo Mia Camp, P	34.21 319 P	P	18 07 54.2	CPUP	Villa Florida	72.98 250 P	P	18 15 28.4 +0.8
GPS3	Bodega del ICE	0.75 320 P	Pn	18 01 14.2 +1.2	H43A	Windswept, Lux	34.35 357 P	P	18 07 41.7 +1.1	CPUP	Villa Florida	72.98 250 P	P	18 15 28.4 +0.8
NY14	Universidad de	0.75 320 P	Pn	18 01 14.3 +1.3	BCX	Boston College	34.36 18 P	P	18 07 41.7 +1.1	FITZ	Fitzroy	77.75 103 P	P	18 15 55.7 +0.7
GPS1	Guardaparques	0.76 337 P	Pn	18 01 14.3 +1.0	SADO	Sadova	34.95 7 P	P	18 07 44.9 -1.6	STKA	Stevens Creek	78.11 124 P	P	18 15 57.6 +0.7
LAPC	Finca la Perla	0.79 331 P	Pn	18 01 14.3 +0.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	STKA	Stevens Creek	78.11 124 P	P	18 15 58.2 +1.3
LAPC	Finca la Perla	0.79 331 P	Pn	18 01 15.2 +1.5	SADO	Sadova	34.95 7 P	P	18 07 58.2	ASAR	Alice Springs	79.30 113 P	P	18 16 03.5 -0.1
BUESV	Buena Vista	0.81 334 P	Pn	18 01 15.1 +1.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	ASAR	Alice Springs	79.30 113 P	P	18 16 03.4 -0.3
GB1A	Borinquen Arri	0.82 335 P	Pn	18 01 15.8 +1.0	SADO	Sadova	34.95 7 P	P	18 07 58.2	WRA	Warramunga Arr	82.24 111 P	P	18 16 19.5 +0.1
BUAI	Buenos Aires	0.85 340 P	Pn	18 01 16.1 +0.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
HDC	Heredia	0.92 94 P	Pn	18 01 16.1 +0.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
HDC	Heredia	0.92 94 P	Pn	18 01 29.2 +1.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
HDC	Heredia	0.92 94 P	Pn	18 01 16.0 +0.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
SJS	Escuela Geolog	0.96 98 P	Pn	18 01 17.2 +0.9	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
LCR2	La Lucha 2	1.07 108 P	Pn	18 01 17.0 +0.4	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
EDLM	Las Mercedes	1.63 119 P	Pn	18 01 26.1 +1.0	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
ACON	Acopaya	1.89 356 P	Pn	18 01 29.8 +1.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
ACON	Acopaya	1.89 356 P	Pn	18 01 29.7 +1.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
EDPN	Palmar Norte	1.91 125 P	Pn	18 01 29.5 +0.6	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
EDBA	Buenos Aires	1.96 117 P	Pn	18 01 35.6 +2.4	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
EDBA	Buenos Aires	1.96 117 P	Pn	18 01 33.1 +0.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
MASN	Masaya	2.19 330 P	Pn	18 01 33.6 +0.8	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
ESPN	Las Esperanzas	2.23 191 P	Pn	18 01 34.5 +1.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
ESPN	Las Esperanzas	2.23 191 P	Pn	18 01 34.5 +1.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PTJ1	Puerto Jimnez	2.30 131 P	Pn	18 01 36.6 +2.4	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PTJ1	Puerto Jimnez	2.30 131 P	Pn	18 01 35.6 +2.4	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PTJ1	Puerto Jimnez	2.30 131 P	Pn	18 02 02.1 +0.9	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PIRO	Carate, Puerto	2.36 134 P	Pn	18 01 36.9 +1.9	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
EDSV	San Vito	2.39 121 P	Pn	18 01 37.7 +2.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
RGMO	Gandoca	2.45 101 P	Pn	18 01 38.0 +1.8	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
RGMO	Gandoca	2.45 101 P	Pn	18 02 09.6 +4.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
RGMO	Gandoca	2.45 101 P	Pn	18 01 38.8 +2.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CN12	El Empalme, Bo	2.61 104 P	Pn	18 01 39.8 +1.3	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
BRU2	Volcan	2.64 118 P	Pn	18 01 40.2 +1.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
BRU2	Volcan	2.64 118 P	Pn	18 02 12.1 +2.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
BRU2	Volcan	2.64 118 P	Pn	18 01 40.2 +1.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
BCO2	Palмира	2.82 118 P	Pn	18 01 42.9 +1.3	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PTAR3	Potrerrillos Ar	2.86 118 P	Pn	18 01 46.0 +4.0	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CNGN	Cerro Negro	2.91 326 P	Pn	18 01 45.3 +2.6	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
BAGA3	Bagala, Chiriq	2.95 123 P	Pn	18 01 46.1 +3.0	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
DVD	David	3.03 122 P	Pn	18 01 46.2 +2.5	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
DVD	David	3.03 122 P	Pn	18 02 23.8 +1.3	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
LOC03	Loma Colorada,	3.07 122 P	Pn	18 01 47.3 +2.5	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CHGR2	Aguaquite	3.07 111 P	Pn	18 01 45.9 +1.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CHGR2	Aguaquite	3.07 111 P	Pn	18 02 21.1 +0.7	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
LOWA3	Las Lomas, Chi	3.08 122 P	Pn	18 01 48.1 +3.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PEDE3	Pedregal, Chir	3.08 122 P	Pn	18 01 47.7 +1.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
GUAL3	Guacala, Chiri	3.11 119 P	Pn	18 01 46.9 +1.5	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CHIR3	Chiriqua, UPA,	3.15 122 P	Pn	18 01 49.2 +3.3	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CRIN	San Cristobal	3.27 323 P	Pn	18 01 48.7 +1.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
ESTN	Estel	3.28 337 P	Pn	18 01 49.4 +1.6	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
ESTN	Estel	3.28 337 P	Pn	18 01 49.4 +1.6	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
NANC3	Nancito, Chiri	3.74 119 P	Pn	18 01 49.2 +1.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CSGN	Cosiguina Volc	3.80 320 P	Pn	18 01 58.0 +3.1	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
CSGN	Cosiguina Volc	3.80 320 P	Pn	18 01 58.1 +3.2	SADO	Sadova	34.95 7 P	P	18 07 58.2	HRA	Herat	83.78 23 P	P	18 16 28.3 +1.3
PVAD3	Puerto Vidal,	3.94 120 P</												

10d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, MEH Metehia, MAE Peaa, PPT2 Papeete, etc.

SJA 10 18:33:08.9, 0.29, 12S, 72.35W, h10km, ML4.1, MW3.8, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AROD Rodeo, ACVJ Cuesta del Vie, ACCO Cerro Coronel, etc.

NNC 10 18:38:37.4, 6.5, 37.18N, 71.09E, h0km, mb3.8, mpv3.4, 3C-3D, Error ellipse: s-maj=54.1km s-min=48.2km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, EK2S Erkin-Say, etc.

IDC 10 18:46:42.5, 0.9, 98N, 27.15W, h0km, mb3.9/6, mb1.4/0.6, mb1mx3.7/2.8, mb1mp3.9/6, Error ellipse: s-maj=41.4km

ISC 10 18:46:44.7, 0.9, 99N, 0.3, 27.1W, 0.2, h15km, n12, r0e25/8, mb3.9/6, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N3 ASCENSION HYDRI5.29 125 T, H10N2 ASCENSION HYDRI5.29 125 T, etc.

NCEDC 10 18:59:48.1, 1.1, 40.58N, 0.06, 125.36W, 0.06, h23km, 8km, Mo2, 9/27, Error ellipse: s-maj=8.4km s-min=5.5km

NEIC 10 18:59:45.6, 1.0, 40.59N, 0.06, 125.42W, 0.03, h23km, 10km, Error ellipse: s-maj=9.5km s-min=2.0km

az=199.0, Off coast of northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KCTM Capetown, KMPM Mount Pierce.

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMPM Slide Mountain, KSSM Jacoby Creek, KRPM Rodgers, etc.

IDC 10 19:26:11.3, 0.5, 54.72N, 162.84E, h0km, mb4.3/27, mb1.4/5/30, mb1mx4.5/35, mb1mp4.3/30, ML4.1/3, MS4.4/42, MS1.4/42, ms1mx4.2/64, Error ellipse: s-maj=15.2km

KRSC 10 19:26:12.9, 1.0, 54.61N, 163.18E, h63km, 18km, ML5.1, BUI 10 19:26:14.0, 0.0, 54.70N, 162.80E, h40km, mb5.1/43, mb4.6/45, MS5.2/41, MS7.5/0/39

MOS 10 19:26:16.0, 1.2, 54.65N, 162.90E, h52km, mb5.4/19, MS4.7/7, Error ellipse: s-maj=5.3km s-min=3.4km az=88.0

NEIC 10 19:26:18.0, 2.3, 54.70N, 0.09, 162.7E, 0.2, h49km, 6km, mb4.9/157, Error ellipse: s-maj=14.2km s-min=10.6km

GCMT 10 19:26:18.0, 0.0, 54.61N, 0.03, 163.17E, 0.03, h18km, 1km, MW5.0/98, Moment tensor: S34c38, s98c140, Duration: 0. Moment tensor: Scale 1016Nm, M3.41, 23, Mw=0.82, 14, Mw=2.59, 14, Ms=3.26, 47, Mw=1.53, 0.8, Mw=0.01, 30, Best double couple: M6.46900, 1016

NP1, 191.00000, 836.00000, 4.45.00000, NP2: 0.61.00000, 866.00000, 117.00000, Principal axes: T 5.2490, P16.00000, Azm11.00000, N -1.2800, P16.00000, Azm230.00000, P -3.9700, P16.00000, Azm132.00000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 10 19:26:24.1, 0.0, 55.56N, 163.21E, h33km, mb5.1, Ms4.4, ISC 10 19:26:16.5, 0.6, 54.62N, 0.03, 163.07E, 0.03, h43km, 4km, n588, r1956/631, mb5.0/166, MS4.5/53, 12C-13D, Off coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBTR Krutoberegovo, TUMD Tumrok D, KBG Krutoberegovo, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK 33nm, 0.3s, baz=70, slow=14, SNR=299, PETK comp=2.2um, 20.7s, baz=78, slow=36, etc.

TIXI	comp=Z,4um,13.0s	22.49 332	P	P	19 31 10.6	-1.1
TIXI	comp=Z,1.4nm,0.9s,baz=118,slow=12,SNR=42		PcP		19 35 05.7	+1.7
TIXI	comp=Z,0.9nm,0.5s,baz=27,slow=1.9,SNR=4.9		LR	LR	19 41 25.5	
TIXI	comp=Z,2um,18.9s,baz=116,slow=41	22.49 332	i	P	19 31 10.4	-1.3
TIXI	Tiksi					
TIXI	comp=Z,44nm,1.6s	22.49 332	P	Pmax	19 31 10.1	-1.6
TIXI	Tiksi				19 31 22.9	
USRK	comp=Z,41nm,1.0s	22.57 255	P	P	19 31 11.7	-1.1
USRK	USSuriyik Arr				19 40 10.9	
IMAR	comp=Z,1um,18.9s,baz=48,slow=37					
RSO	Indian Mountain	23.68 44	P	P	19 31 24.2	+0.5
PPLA	Redoubt South	24.04 56	P	P	19 31 30.2	+3.0
KDAK	Kudiyapile	24.12 52	P	P	19 31 30.2	+1.8
KDAK	Kodiak Island	24.53 64	P	P	19 31 31.5	-0.1
KDAK	Kodiak Island	24.53 64	P	P	19 31 31.5	-0.1
KDAK	Kodiak Island	24.53 64	P	Pmax	19 31 31.5	-0.1
BPWW	Bear Paw Mtn.	24.71 49	P	P	19 31 34.6	+1.4
BPWW					19 32 06.1	
KTH	comp=Z,33nm,1.1s	24.73 50	P	Iamb	19 31 35.2	+1.8
KTH	Kantishna Hill				19 32 06.1	
MLY	comp=Z,46nm,1.1s	24.84 47	P	P	19 31 36.3	+1.9
MJB9	Matsu-Tunnel	24.88 234	P	Iamb	19 31 35.4	+0.5
MJB9					19 31 46.4	
MAJO	comp=Z,73nm,1.1s	24.88 234	i	P	19 31 33.9	-1.0
MAJO	Matsushiro	24.88 234	P	P	19 31 35.5	+0.6
MAJO	Matsushiro				19 31 46.4	
MAT	comp=Z,72nm,1.1s	24.88 234	P	P	19 31 36.7	+1.8
MAT	Matsushiro				19 36 10.4	+1.5
MJAR	Matsushiro Arr	24.88 234	P	P	19 31 35.4	+0.5
MJAR	comp=Z,9.5nm,0.7s,baz=31,slow=8.1,SNR=19				19 42 12.6	
MJAR	comp=Z,858nm,21.2s,baz=65,slow=39	24.88 234	P	P	19 31 35.4	+0.5
MJAR	Matsushiro Arr					
MJAR	comp=Z,1.6nm,1.0s	24.88 234	P	Pmax	19 31 35.4	+0.5
MJAR	Matsushiro Arr					
TRF	Thorofare Moun	25.02 51	P	P	19 31 38.2	+2.0
TRF					19 32 03.4	
COLD	comp=Z,51nm,1.0s	25.24 42	P	P	19 31 39.7	+1.8
NEA	Goldfoot	25.24 42	P	P	19 31 42.6	+2.0
MCK	McKinley	25.52 60	P	P	19 31 42.7	+1.3
MCK	McKinley					
MCK	comp=Z,43nm,1.2s	25.62 50	P	P	19 31 42.7	+1.3
MCK	McKinley				19 31 54.8	
TOLK	comp=Z,43nm,1.2s	25.67 38	P	P	19 31 42.6	+0.7
TOLK	Toolik Lake Re				19 31 56.7	
MDM	comp=Z,98nm,1.4s	25.91 47	P	P	19 31 46.5	+2.5
WRH	Murphy Dome	25.97 48	P	P	19 31 46.0	+1.4
WRH	Wood River Hil				19 31 58.2	
KNK	comp=Z,57nm,1.1s	26.01 55	P	P	19 31 47.4	+2.3
KNK	Knik Glacier				19 32 04.4	
SML	comp=Z,37nm,1.0s	26.03 54	P	Iamb	19 31 48.2	+3.0
SML	Sawmill				19 32 07.4	
COLA	comp=Z,39nm,1.0s	26.07 47	P	Pmax	19 31 46.3	+0.9
COLA	College					
COLA	comp=Z,88nm,1.4s	26.07 47	P	Iamb	19 31 46.3	+0.9
COLA	College				19 31 59.0	
CCB	comp=Z,88nm,1.4s	26.09 48	P	Iamb	19 31 47.7	+2.1
CCB	Clear Creek Bu				19 31 59.1	
DHY	comp=Z,41nm,1.2s	26.35 51	P	P	19 31 49.1	+0.8
DHY	Denali Highway				19 32 13.7	
HDA	comp=Z,80nm,1.8s	26.47 48	P	P	19 31 49.6	+0.6
IL31	Harding Lake				19 31 50.0	+0.9
ILAR	comp=Z,45nm,1.8s	26.48 47	P	P	19 31 49.8	+0.8
ILAR	Eielson Array					
ILAR	comp=Z,7.6nm,0.9s,baz=26,slow=8.1,SNR=40	26.48 47	P	LR	19 42 25.4	
BOD	comp=Z,297nm,19.0s,baz=272,slow=37	26.98 297	eP	P	19 31 50.1	+0.9
BOD	Bodaibo				19 31 49.7	-4.1
PRP	comp=Z,23nm,1.5s	27.04 46	P	Iamb	19 31 56.3	+1.9
PRP	Porcupine Dome				19 32 08.0	
JHJ	comp=Z,33nm,0.9s	27.04 227	LR	LR	19 42 55.1	
JHJ	Hachijo jima 2					
FYU	comp=Z,454nm,18.4s,baz=91,slow=37	27.15 43	P	P	19 31 55.9	+0.7
BMAR	Fort Yukon				19 31 58.3	+0.6
RIDG	Burnt Mountain	27.43 49	P	P	19 31 57.4	-0.4
RIDG	Independent Ri				19 32 10.9	
DOT	comp=Z,29nm,1.2s	27.79 50	P	P	19 32 04.4	+3.5
SCRK	Dot Lake				19 32 07.7	-0.4
SCRK	Sand Creek	27.79 49	P	Iamb	19 32 14.2	
BCAR	comp=Z,35nm,1.4s	28.88 51	P	P	19 32 11.4	+0.7
BCAR	Beaver Creek A				19 32 10.8	-0.3
EGAK	Eagle	28.93 47	P	P	19 32 15.9	+0.3
KSR5	Korea Array	29.42 49	P	P	19 32 14.2	-1.7
KSR5	comp=Z,1.4nm,0.6s,baz=36,slow=9.3,SNR=8.8				19 32 14.2	-1.7
KSAR	Wonu Array Be	29.45 249	P	P	19 32 20.3	+1.2
KSAR	Wonu Array Be	29.45 249	P	P	19 32 20.3	+1.2
DAWY	Dawson	29.79 48	P	P	19 32 27.5	+1.9
EPYK	Eagle Plains	30.57 43	Iamb	Iamb	19 32 39.5	
HYT	comp=Z,31nm,1.2s	31.34 54	P	P	19 32 34.4	+1.9
INK	Haines Junctio	31.57 39	P	P	19 32 35.6	+1.3
INK	Inuvik					
INK	comp=Z,1.8nm,0.5s,baz=275,slow=5.7,SNR=4.7	31.57 39	P	Pmax	19 32 35.0	+0.7
INK	Inuvik					
INK	comp=Z,44nm,1.8s	31.57 39	P	Iamb	19 32 35.0	+0.7
INK	Inuvik				19 33 01.2	
WHY	comp=Z,44nm,1.8s	32.62 54	P	P	19 32 45.6	+1.8
WHY	Whitehorse				19 32 58.2	
C36M	comp=Z,26nm,1.4s	34.77 36	P	Iamb	19 33 02.3	+0.1
C36M	Paulatuk				19 33 20.0	
TLY	comp=Z,12nm,0.8s	34.84 290	i	P	19 33 00.6	-2.4
TLY	Talaya				19 33 01.2	-1.8
H11N2	WAKE ISLAND Hy	34.84 290	T	T	20 10 39.4	
H11N3	WAKE ISLAND Hy	34.95 174	T	T	20 10 32.7	
H11N1	WAKE ISLAND Hy	34.97 174	T	T	20 10 35.9	
H11N1	WAKE ISLAND Hy	34.97 174	T	T	20 10 35.9	
SONM	Songino Array	35.27 283	P	P	19 33 05.2	-1.7
SONM	comp=Z,0.6nm,0.5s,baz=63,slow=7.3,SNR=5.5					
SONM	comp=Z,1.8nm,0.7s,baz=46,slow=2.7,SNR=8.4				19 35 37.7	+1.1
SONM	comp=Z,377nm,22.0s,baz=56,slow=37					
SONM	Songino Array	35.27 283	P	P	19 33 04.1	-2.8
ZAK	Zakamensk	35.69 288	eP	LR	19 33 08.1	-2.2
NR1K	Noril'sk	35.69 324	LR	LR	19 43 31.0	
H11S1	WAKE ISLAND Hy	36.16 174	T	T	20 12 02.0	
H11S3	WAKE ISLAND Hy	36.17 174	T	T	20 12 14.7	
H11S2	WAKE ISLAND Hy	36.17 174	T	T	20 12 19.0	
MOY	Mondy	36.28 292	eP	P	19 33 13.4	-2.1
HHC	Hu-ho-hao-te	36.42 269	eP	PP	19 33 17.2	+0.4
HHC					19 34 42.8	+2.8
HHC	comp=Z,95nm,0.9s					
HHC	comp=Z,310nm,4.7s					

HHC	comp=Z,620nm,14.2s		LR	LR		
HHC	HHC					
HHC	comp=Z,920nm,13.7s		LR	LR		
NJ2	Nanjing	38.41 252	eP	P	19 33 33.2	-0.3
NJ2						
NJ2	comp=Z,8.0nm,0.6s		LR	LR		
NJ2	comp=Z,2um,15.9s		LR	LR		
NJ2	comp=Z,1um,14.0s		LR	LR		
YKA	comp=Z,1um,17.8s		LR	LR		
YKA	Yellowknife Ar	40.84 45	P	P	19 33 54.4	+1.0
RES	comp=Z,2.0nm,0.6s,baz=297,slow=7.6,SNR=25	41.23 23	P	Pmax	19 33 56.8	+0.3
RES	Resolve Bay					
RES	comp=Z,6.0nm,1.2s	41.23 23	P	P	19 33 56.8	+0.3
WHN	Wuhan	42.07 255	P	P	19 34 12.0	+8.2
ZALV	Zalesovo Beam	42.33 23	S	S	19 34 12.6	-2.0
ZALV	comp=Z,0.7nm,0.4s,baz=67,slow=7.9,SNR=4.1		PcP	PcP	19 36 02.7	+0.5
ZALV	comp=Z,1.5nm,0.6s,baz=50,slow=4.5,SNR=4.5		LR	LR	19 54 22.4	
ZALV	comp=Z,1um,18.7s,baz=62,slow=39		P	P	19 34 11.3	-3.3
ZALV	Zalesovo Beam	43.43 303	P	P	19 34 11.3	-3.3
ZALV	Zalesovo Beam	43.43 303	P	P	19 34 11.8	-1.2
GTA	Gaotaoi Beam	44.18 277	eP	P	19 34 34.5	+2.6
GTA	GTA				19 34 39.3	+2.8
GTA	GTA				19 40 49.0	-2.1
GTA	GTA				19 41 11.7	+3.0
GTA	GTA				19 44 03.3	-6.3
GTA	comp=Z,6.0nm,1.0s					
GTA	comp=Z,140nm,6.5s					
GTA	comp=Z,2um,14.0s		LR	LR		
GTA	comp=Z,2um,14.0s		LR	LR		
GTA	comp=Z,3um,14.3s		LR	LR		
ENH	Enshi	45.03 260	P	P	19 34 26.0	-1.8
ENH	Newport	47.62 63	LR	LR	19 54 43.7	
CD2	Chengdu	47.86 265	P	P	19 34 48.2	-1.7
WMQ	Urumqi	48.12 290	eP	P	19 34 51.1	-0.7
WMQ					19 35 05.9	-1.2
WMQ					19 35 11.9	+4.3
WMQ	comp=Z,11nm,0.9s					
WMQ	comp=Z,100nm,3.8s		LR	LR		
WMQ	comp=Z,2um,21.7s		LR	LR		
WMQ	comp=Z,1um,23.1s		LR	LR		
WMQ	comp=Z,1um,18.7s		LR	LR		
WMQ	Urumqi	48.12 290	P	Pmax	19 34 49.8	-2.0
WMQ						
WMQ	comp=Z,18nm,1.1s	48.12 290	P	Iamb	19 34 49.8	-2.0
WMQ	Urumqi				19 35 45.2	
KULLO	Kullorsuaq	48.30 13	i	P	19 34 53.1	+0.4
KULLO	comp=Z,23nm,1.1s					
KULLO	Kullorsuaq	48.30 13	i	Pmax	19 34 53.1	+0.4
KURK	Kurchatov	48.41 302	eP	P	19 34 52.1	-1.8
KURK	KURK					
KURK	comp=Z,163nm,1.7s	48.41 302	P	Iamb	19 34 51.5	-2.4
KURK	Kurchatov				19 34 53.5	
WALA	comp=Z,25nm,1.4s	48.76 60	P	P	19 34 58.8	+2.1
WALA	Water Lakes				19 55 24.0	
YBH	Yreka Blue Her	48.86 73	LR	LR		
YBH	comp=Z,274nm,18.3s,baz=16,slow=36					
DAG	Danmarks Havn	48.87 1	i	P	19 34 57.3	+0.3
DAG	comp=Z,44nm,1.5s	48.87 1	i	P	19 34 57.3	+0.3
DAG	Danmarks Havn					
MK31	Makanchi Array	49.07 296	P	Pmax	19 34 56.2	-2.8
MK31	MK31					
MK31	comp=Z,3.0nm,0.9s	49.07 296	P	Pmax	19 34 56.2	-2.8
MK31	Makanchi Array				19 34 56.7	-2.3
MKAR	comp=Z,952nm,19.2s,baz=40,slow=37	49.07 296	P	LR	19 56 33.0	
MKAR	Makanchi Array					
MAKZ	Makanchi	49.23 296	P	P	19 34 56.1	-3.0
MAKZ	Makanchi				19 34 57.4	-2.8
MAKZ	comp=Z,14nm,1.5s	49.23 296	P	Iamb	19 34 57.4	-2.8
MAKZ	Makanchi				19 35 00.1	
JTMT	Jette	49.42 62	P	Iamb	19 35 03.8	+2.0
JTMT					19 35 34.0	
BRVK	comp=Z,10nm,1.1s	50.84 309	eP	Pmax	19 35 11.1	-1.2
BRVK	Borovoye					
BRVK	comp=Z,56nm,1.7s	50.84 309	P	P	19 35 10.3	-2.0
SUMG	Summit	52.21 8	i	P	19 35 23.7	+0.9
SUMG	Summit	52.21 8	i	P	19 35 23.7	+0.9
ARCES	ARCCESS Array B	52.37 343	P	P	19 35 23.8	+0.3

Code	Station Name	h88, 0570/166, Taiwan region	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
EOS1	EOS1	baz=222	0.27 224	P	Pb	21 47 21.8	-0.2
EOS1	EOS1	baz=222		S	Sb	21 47 27.0	+0.3
TWB1	Santiao Chiao	baz=309	0.41 309	P	Pg	21 47 22.9	0.0
TWB1	Suao	baz=254	0.46 253	P	Pg	21 47 24.0	+0.1
TWC	Toucheng	baz=254	0.47 283	eS	Pb	21 47 25.3	-0.1
NTC	Toucheng	baz=279	0.51 296	P	Pg	21 47 25.2	+0.3
TIPB	Shuangxi	baz=293	0.54 272	eS	Pb	21 47 34.0	-0.3
ILA	Ilan	baz=267	0.60 303	eP	Pb	21 47 27.3	-0.3
NWF	Wu-fen Shan	baz=301	0.60 303	eP	Pb	21 47 27.4	-0.2
WFSB	Wu-fen Shan	baz=301	0.60 303	eS	Sb	21 47 27.4	-0.2
WFSB	Wu-fen Shan	baz=301	0.60 303	eS	Sb	21 47 27.4	-0.2
TWE	Neicheng	baz=255	0.61 268	P	Pg	21 47 26.8	+0.2
ENA	Nanau	baz=233	0.63 240	eP	Pg	21 47 27.3	+0.3
JYNG	Yonagunijimaku	baz=222	0.63 118	P	Sg	21 47 27.2	+0.2
SLBB	Yuanshan	baz=266	0.64 271	eS	Sb	21 47 26.9	-0.4
YOJ	Yonaguni jima	baz=222	0.68 115	P	Pg	21 47 28.1	+0.1
ENTT	Nioudou	baz=257	0.71 261	eP	Pb	21 47 29.5	+0.1
TWA	Mucha	baz=275	0.72 289	P	Pb	21 47 29.8	+0.1
NWL1	Wulai	baz=269	0.76 272	eP	Pb	21 47 30.0	-0.3
NDT	Datong Townshi	baz=255	0.76 259	eP	Pb	21 47 30.3	-0.1
NHDH	Xindian Distri	baz=273	0.77 286	P	Pb	21 47 30.6	+0.2
YM01	YM01	baz=298	0.80 300	eP	Pg	21 47 30.7	+0.4
YM08	YM08	baz=302	0.81 303	eP	Pg	21 47 30.7	+0.3
YM11	YM11	baz=300	0.81 301	P	Pb	21 47 31.0	-0.1
TAP	Taipei	baz=289	0.81 291	eP	Pg	21 47 30.3	-0.2
YM10	YM10	baz=299	0.81 300	P	Pg	21 47 31.0	+0.4
YM05	YM05	baz=299	0.81 301	eP	Pg	21 47 30.7	+0.2
YM04	YM04	baz=298	0.83 299	P	Pg	21 47 31.0	+0.1
TWY	Chenhua	baz=308	0.85 308	P	Pb	21 47 31.8	0.0
ANP	Anpu	baz=299	0.86 301	eP	Pg	21 47 31.8	+0.4
YHNB	Yeheng	baz=262	0.88 265	P	Pb	21 47 32.4	+0.1
NACB	Ninganchiao	baz=236	0.89 230	eP	Pg	21 47 31.9	-0.1
NSK	Sanguang	baz=262	0.89 266	P	Pg	21 47 32.0	0.0
NTST	Danshui	baz=306	0.91 297	eS	Sg	21 47 43.9	-0.2
TWS1	Kuangyinshan	baz=291	0.91 293	eP	Pg	21 47 32.2	-0.1
PCYT	Pengchaiyu	baz=347	0.91 345	P	Pg	21 47 32.0	-0.4
NNSB	Datong	baz=246	0.93 250	eP	Pg	21 47 32.8	+0.1
NNSH	Datong	baz=238	0.93 250	eP	Pb	21 47 32.8	+0.1
NNS	Nan Shan	baz=247	0.93 251	eP	Pb	21 47 33.4	+0.1
ETLH	Xiulin Townshi	baz=238	0.95 235	eP	Pg	21 47 33.1	0.0
TWD	Chiawan	baz=229	0.95 226	eP	Pb	21 47 33.7	+0.2
WLTB	Daxi	baz=274	0.99 276	eP	Pn	21 47 35.0	0.0
HWA	Hwallien	baz=194	1.02 221	eP	Pn	21 47 36.4	+1.0
NCUH	Zhongli	baz=280	1.07 282	eS	Sg	21 47 48.7	-0.6
ENLB	Shoufeng	baz=194	1.08 219	eP	Pn	21 47 36.9	+0.7
WHF	Heluan Shan	baz=235	1.15 239	P	Pb	21 47 37.2	+0.1
TWT	Tachien	baz=235	1.17 245	P	Pn	21 47 38.2	+0.6

Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC	
TWT	baz=242		eS	Sn	21 47 53.9	+0.1	
TDCB	Techi	baz=243	1.18 246	eP	Pn	21 47 57.7	-0.1
LIOB	Emei	baz=243	1.21 265	eP	Pn	21 47 37.9	-0.1
NSTT	Nanjuang	baz=262	1.22 265	eP	Pb	21 47 38.0	-0.1
ESL	Shilin	baz=198	1.24 222	eP	Pg	21 47 39.6	+0.8
CHGB	Renai	baz=234	1.26 237	eP	Pg	21 47 39.4	+0.3
OWD	Renai	baz=247	1.32 233	P	Pg	21 47 40.2	-0.1
IRIF	Iriomote-Funau	baz=247	1.33 108	eS	Sb	21 47 56.6	-0.7
WHP	Taichung City	baz=247	1.35 250	eP	Pg	21 47 41.3	+0.4
EGFH	Guangfu	baz=196	1.36 218	eP	Pn	21 47 40.2	+0.2
NMLH	Miaoli	baz=260	1.42 262	eP	Pg	21 47 43.3	+1.1
DPDB	Guoxing	baz=239	1.47 241	P	Pg	21 47 43.5	+0.4
NSY	Sanyi	baz=256	1.47 257	eS	Sg	21 48 03.4	+1.1
VWDT	VWDT	baz=206	1.47 228	eP	Pg	21 47 43.1	0.0
TWQ1	Liyutan	baz=253	1.48 255	eP	Pg	21 47 44.5	+1.2
HGSD	Ruisui	baz=195	1.50 214	eP	Pn	21 47 42.1	0.0
EYH	Hungye	baz=196	1.55 217	eP	Pb	21 47 44.0	+0.2
SMLT	Sun Moon Lake	baz=234	1.57 237	eP	Pg	21 47 45.0	0.0
SSLB	Suanguang	baz=243	1.58 233	eP	Pb	21 47 44.7	+0.3
TYC	Yuch	baz=236	1.59 238	eP	Pg	21 47 45.1	-0.3
JKRS	Kuro-shima	baz=212	1.61 108	P	Pn	21 47 41.6	-1.9
YULB	Yuli	baz=211	1.65 215	eP	Pn	21 47 43.6	-0.5
TWF1	Yuli	baz=211	1.68 215	eP	Pn	21 47 44.7	+0.2
JJI	Ishigaki jima	baz=243	1.69 103	P	Pb	21 47 46.2	0.0
WHYT	Xinyi Township	baz=243	1.71 233	P	Pg	21 47 47.3	-0.5
WJWS	Zhushan	baz=236	1.73 238	eP	Pg	21 47 47.6	-0.5
YUS	Yu-Shan	baz=205	1.78 226	eP	Pb	21 47 47.2	-0.8
JISG	Ishigakijimahi	baz=205	1.80 95	P	Pn	21 47 47.1	+0.9
FULB	Fuli	baz=192	1.81 212	eP	Pn	21 47 46.4	+0.1
ALS	Alishan	baz=208	1.86 229	eP	Pb	21 47 49.0	-0.3
CHNS	Tsauling	baz=231	1.90 233	eP	Pg	21 47 50.1	+0.3
WDLH	Douli	baz=256	1.95 238	eP	Pn	21 47 48.3	+0.1
ELDTW	Lidau	baz=200	1.97 218	eP	Sb	21 47 48.9	+0.3
RLNB	Erin	baz=262	2.00 245	eS	Sb	21 48 14.3	-1.3
CHN4	Tsauling	baz=209	2.12 229	eP	Pb	21 47 53.1	-0.4
TPUB	Ta-pu	baz=208	2.12 228	eP	Pb	21 47 52.6	-1.0
STYT	Tauyuan	baz=208	2.14 223	eS	Sg	21 48 22.4	-0.8
WTP	Ta-pu	baz=207	2.17 227	eP	Pb	21 47 52.9	-1.5
TKW	Hsiuying	baz=209	2.24 229	eP	Pb	21 47 54.4	-1.3
CHN1	Nanshi	baz=225	2.27 227	eP	Sb	21 47 55.2	-0.9
SLGT	Liugui	baz=203	2.33 222	eP	Pb	21 47 56.0	-1.2
MASBT	Mashibuluo	baz=199	2.64 217	eP	Pn	21 47 59.8	+2.1
JMJ	Miyako jima 2	baz=105	2.69 88	eP	Pn	21 47 60.0	+1.6
PNG	Penghu	baz=244	2.80 246	eS	Sn	21 48 32.8	+1.8
PHUB	Peng-hu	baz=243	2.81 245	eS	Sn	21 48 35.0	+1.0

Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
YJY	Yonagunijimaku	0.50 254	S	Sg	21 58 02.8	0.0
JYNG	Kuro-shima	0.60 125	P	Pg	21 57 58.3	+0.1
JKRS	Hateruma jima	0.61 150	S	Pg	21 58 04.9	+0.2
HATJ	Ishigakijimahi	0.65 110	P	Pg	21 58 03.9	+0.1
JJI	Ishigakijimahi	0.77 90	P	Pg	21 58 08.9	+0.8
JISG	Ishigakijimahi	0.77 90	P	Pg	21 58 08.7	+0.3
JISG	Ishigakijimahi	0.77 90	P	Pg	21 58 00.9	-0.2
JISG	Ishigakijimahi	0.77 90	P	Pg	21 58 09.6	-0.1
JISG	Ishigakijimahi	0.77 90	P	Pg	21 58 03.4	+0.1
JTU	Tarama	1.12 87	P	Pg	21 58 14.1	-0.4
JTU	Tarama	1.12 87	P	Pg	21 58 09.1	-0.7
JTU	Tarama	1.12 87	P	Sb	21 58 24.9	+0.1

Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
ENA	Nanau	0.05 296	iP	Sb	21 58 39.9	+0.5
ENA	Nanau	0.05 296	iS	Sb	21 58 42.8	+0.7
TWC	Suao	0.21 15	eP	Pb	21 58 41.4	+0.2
TWC	Suao	0.21 15	eS	Sb	21 58 45.1	0.0
NACB	Ninganchiao	0.29 217	eP	Pb	21 58 42.6	+0.4
ENTT	Nioudou	0.31 319	P	Pb	21 58 43.4	+0.9
ENTT	Nioudou	0.31 319	S	Sb	21 58 48.3	+1.1
NDT	Datong Townshi	0.32 308	P	Pb	21 58 43.6	+1.0
NDT	Datong Townshi	0.32 308	S	Sb	21 58 48.7	+1.3
TWE	Neicheng	0.33 341	eP	Pb	21 58 43.4	+0.6
TWE	Neicheng	0.33 341	eS	Sb	21 58 47.9	+0.9
EOS1	EOS1	0.34 65	eS	Sb	21 58 49.3	+1.3
ETLH	Xiulin Townshi	0.34 235	P	Pb	21 58 43.5	+0.5
ETLH	Xiulin Townshi	0.34 235	eS	Sb	21 58 49.3	+1.1
NNSB	Datong	0.37 273	eP	Pb	21 58 43.9	+0.4
NNSB	Datong	0.37 273	eS	Sb	21 58 50.1	+1.2
NNSH	Datong	0.37 273	P	Pb	21 58 44.3	+0.8
NNSH	Datong	0.37 273	eS	Sb	21 58 49.5	+0.6
TWD	Chiawan	0.37 208	eP	Pb	21 58 43.9	+0.5
TWD	Chiawan	0.37 208	S	Sb	21 58 49.9	+1.2
SLBB	Yuanshan	0.37 338	eP	Pb	21 58 43.6	+0.1
SLBB	Yuanshan	0.37 338	eS	Sb	21 58 50.0	+1.0
NNS	Nan Shan	0.38 275	eP	Pb	21 58 44.5	+0.9
NNS	Nan Shan	0.38 275	eS	Sb	21 58 50.2	+1.0
NWL1	Wulai	0.45 325	eP	Pb	21 58 45.8	+0.9
NWL1	Wulai	0.45 325	eS	Sb	21 58 52.5	+1.3
YHNB	Yeheng	0.46 305	eP	Pn	21 58 46.1	-0.7
YHNB	Yeheng	0.46 305	eS	Sb	21 58 52.5	+1.1
NSK	Sanguang	0.47 304	eP	Pn	21 58 46.6	-0.5
NSK	Sanguang	0.47 304	eS	Sb	21 58 53.2	+1.4
WHF	Hehuan Shan	0.54 241	eP	Pn	21 58 48.2	-0.1
WHF	Hehuan Shan	0.54 241	eS	Sb	21 58 55.7	-1.3
TIPB	Shuangxi	0.56 3	eP	Pn	21 58 48.8	+0.5
TIPB	Shuangxi	0.56 3	eS	Sb	21 58 55.2	+0.7
TDCB	Techi	0.59 255	eP	Pn	21 58 49.1	+0.3
TDCB	Techi	0.59 255	eS	Sb	21 58 56.7	-1.2
CHGB	Renai	0.66 238	eP	Pb	21 58 48.9	+0.3
CHGB	Renai	0.66 238	eS	Sb	21 58 59.1	-0.4
OWD	Renai	0.72 311	eP	Pn	21 58 50.4	-0.1
DPDB	Guoxing	0.87 245	eS	Sn	21 59 04.1	-0.5
VWDT	VWDT	0.88 222	eP	Pn	21 58 54.0	+1.5
VWDT	VWDT	0.88 222	eS	Sn	21 59 04.5	-0.1

Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
SIJI	Sorong	4.12 330	Op	Pn	22 00 28.4	-1.2
SIJI	Sorong	4.12 330	Sn	Sn	22 01 09.3	-9.3
WRA	Warramunga Arr	15.41 176	Pn	Pn	22 03 03.8	-0.3
WRA	Warramunga Arr	15.41 176	Sn	Sn	22 05 44.1	-1.2
FITZ	Fitzroy Crossi	15.48 208	Pn	Pn	22 03 04.1	-1.1
FITZ	Fitzroy Crossi	15.48 208	Sn	Sn	22 05 51.2	-6.3
ASAR	Alice Springs	19.09 178	P	P	22 03 50.0	+0.3
MKAR	Makanchi Array	68.00 325	P	P	22 10 26.9	+0.5

Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
KRVT	Keravat (AS076)	2.12 64	Pn	Pn	22 28 37.9	-1.1
KRVT	Keravat (AS076)	2.12 64	Lg	Lg	22 29 11.3	
WRA	Warramunga Arr	21.19 225	P	P	22 32 50.3	+0.8
ASAR	Alice Springs	24.07 219	P	P	22 33 19.4	-0.2
ILAR	Eilson Array	83.59 23	P	P	22 40 31.2	

Code	Station Name	A°	AZ°	Phase	ID	ISC	Time	Res
RAO	Raoul Island	1.74	178			Pn	22 31 22.8	+2.8
RAO	2um,0.3s,baz=90,slow=9.3,SNR=5					S	22 31 44.2	+3.5
RAO	2um,0.3s,baz=82,slow=22,SNR=13					Sn	22 32 04.6	
RAO	comp=Z,2um,18.8s,baz=138,slow=42					Sn	22 31 22.6	-2.2
RAO	Raoul Island	1.74	178			Pn	22 30 13.8	+2.8
MSVF	Nonsau	10.39	338			Pn	22 33 07.2	-7.2
WXZ	Matakoa Point	10.51	196			Pn	22 35 01.3	-9.2
MXZ						Pn	22 33 11.2	-3.5
OUZ	Omahuta	10.54	221			Pn	22 33 18.5	-4.9
NIUE	Niue	11.18	43			Pn	22 35 10.3	-1.7
NIUE						Pn	22 33 20.7	-6.6
URZ	Urewera	11.49	200			P	22 33 24.5	-1.0
URZ	2.5nm,0.3s,baz=267,slow=4.7,SNR=19					S	22 33 20.7	-6.6
URZ	9.8nm,0.3s,baz=265,slow=19,SNR=4.0					S	22 33 20.7	-6.6
URZ	Urewera	11.49	200			Pn	22 35 23.6	-1.1
BKZ	Black Stump Fm	12.51	200			Pn	22 33 32.5	-8.1
HIZ	Hauti	12.51	207			Pn	22 33 31.2	-9.3
BFZ	Birch Farm	13.98	198			Pn	22 33 52.6	-6.8
AFI	Afiatama	14.71	24			Pn	22 34 08.5	-0.2
AFI	15nm,0.3s,baz=70,slow=1.1,SNR=15					S	22 36 27.5	-2.5
AFI	9.1nm,0.3s,baz=41,slow=23,SNR=10					S	22 34 01.7	-7.0
AFI	Afiatama	14.71	24			Pn	22 34 03.6	-7.9
MSWZ	Moikau Station	14.95	200			Pn	22 36 41.0	-1.6
MSWZ						S	22 34 05.8	-6.8
SNZO	South Karori	15.03	202			Pn	22 34 06.0	-6.8
BHW	Baring Head	15.06	201			Pn	22 36 42.8	-1.7
BHW						S	22 34 04.5	-6.8
PLWZ	Palliser	15.09	200			Pn	22 37 42.9	
DZM	Mont Dzumac	15.14	288			eLR	22 34 09.9	-4.2
DZM	comp=Z,269nm,27.7s					Pn	22 34 28.6	
DZM	Mont Dzumac	15.14	288			Pn	22 34 09.9	-4.2
DZM	comp=Z,2.45nm,0.7s					IaMb	22 34 28.6	
TUWZ	Tuarimara	15.40	203			Pn	22 34 10.0	-6.9
NNZ	Nelson	15.42	205			Pn	22 34 10.6	-6.6
CMWZ	Cape Campbell	15.59	202			Pn	22 34 13.8	-5.5
BSWZ	Blackbirch Sta	15.67	203			Pn	22 34 15.7	-4.7
THZ	Tophouse	16.07	205			S	22 37 09.4	-1.5
THZ						S	22 37 09.4	-1.5
KHZ	Kahutara	16.41	203			Pn	22 34 21.8	-7.6
LTZ	Lake Taylor	17.18	205			P	22 34 31.1	-6.9
RAR	Rarotonga	17.72	73			P	22 34 43.3	-0.7
RAR	comp=Z,2.0nm,0.3s,baz=235,slow=6.4,SNR=7.9					P	22 34 41.8	-2.2
OXZ	Oxford	17.74	205			P	22 34 39.6	-4.4
OXZ	comp=Z,2.3nm,0.4s					IaMb	22 34 54.8	
MOZ	McQueen's Vall	17.85	203			P	22 34 39.5	-5.7
FOZ	Fox Glacier	18.00	209			P	22 34 51.1	-4.5
FUNZ	Funafuti	19.06	351			P	22 34 56.0	-2.6
LBZ	Lake Benmore	19.35	206			P	22 34 59.4	-2.1
ODZ	Otauhu Downs	19.73	204			P	22 35 01.8	-3.8
WZK	Wanaka	20.10	208			P	22 35 08.2	-2.3
KNTN	Kantoni	25.31	15			P	22 35 58.9	-1.6
EIDS	Eidsvold	27.76	267			P	22 36 21.2	-1.3
EIDS						IaMb	22 36 35.5	
PPT2	Papeete2	27.96	75	eS		S	22 40 58.9	+1.3
PPT2	comp=Z,2.0nm,1.3s					S	22 40 58.9	+1.3
PPT2	comp=Z,2.8nm,27.8s					eLR	22 43 02.9	
CTA	Charters Town	33.47	275	P		P	22 37 13.9	+1.1
CTA	comp=Z,9.4nm,0.7s,baz=103,slow=10,SNR=11					P	22 37 28.8	+0.8
STKA	Stephens Creek	35.25	253	P		P	22 37 28.8	+0.8
STKA	comp=Z,1.7nm,0.5s,baz=50,slow=14,SNR=3.4					PcP	22 39 54.7	-0.8
STKA	comp=Z,4.4nm,0.6s,baz=94,slow=4.2,SNR=5.9					PcP	22 37 23.9	-4.1
STKA	Coen	38.58	282	P		P	22 37 58.2	+1.8
COEN	Coen	38.58	282	P		IaMb	22 38 13.5	
COEN	comp=Z,2.8nm,1.5s					IaMb	22 38 10.0	-2.7
BBOO	Buckleboe	39.86	251	P		IaMb	22 38 32.0	-2.7
BBOO	comp=Z,24nm,1.4s					IaMb	22 38 32.0	-2.7
AS31	Alice Springs	43.36	264	P		P	22 38 32.6	-2.8
ASAR	Alice Springs	43.36	264	P		P	22 38 35.6	+0.2
ASAR	comp=Z,1.4nm,0.4s,baz=94,slow=7.2,SNR=16					PcP	22 40 21.5	+2.3
ASAR	comp=Z,3.2nm,0.6s,baz=126,slow=4.0,SNR=8.3					PcP	22 43 57.3	-1.4
ASAR	comp=Z,1.8nm,0.9s,baz=135,slow=4.7,SNR=5.3					ScP	22 38 31.4	-4.0
ASAR	Alice Springs	43.36	264	P		P	22 43 57.0	-1.7
ASAR	comp=Z,1.1nm,0.7s,baz=142,slow=5.0,SNR=8.3					ScP	22 38 40.1	-1.0
WB2	Warramunga Arr	44.08	269	P		IaMb	22 38 41.9	
WB2	comp=Z,1.3nm,0.9s					IaMb	22 38 41.9	
WRA	Warramunga Arr	44.09	269	P		P	22 38 41.9	-0.1
WRA	comp=Z,6.4nm,0.8s,baz=111,slow=6.5,SNR=32					PcP	22 40 24.1	+0.3
WRA	Warramunga Arr	44.09	269	P		P	22 38 40.2	-1.0
WB9	Warramunga Arr	44.10	269	P		IaMb	22 38 41.9	
WB9	comp=Z,1.3nm,0.8s					IaMb	22 38 41.9	
FORT	Forrest	46.87	252	P		P	22 39 02.6	-0.4
FORT	comp=Z,1.6nm,0.8s					IaMb	22 39 02.7	
VNDA	Vanda	50.97	186	P		P	22 39 35.8	+2.3
VNDA	comp=Z,2.7nm,1.0s,baz=101,slow=8.4,SNR=5.4					P	22 40 57.1	+1.6
QSPA	South Pole Qui	62.60	180	P		P	22 40 57.1	+1.6
QSPA	comp=Z,5.1nm,0.8s,baz=296,slow=1.1,SNR=16					P	22 40 57.1	+1.6
JHU	Hachijo jima 2	72.42	324	P		P	22 41 57.4	-0.2
JHU	comp=Z,84nm,0.3s,baz=242,slow=22,SNR=5.3					P	22 42 17.6	0.0
MJAR	Matsushiro Arr	75.89	325	P		P	22 42 17.6	0.0
MJAR	comp=Z,6.0nm,0.7s,baz=149,slow=5.7,SNR=11.4					P	22 42 21.2	+3.5
MAJO	Matsushiro	75.89	325	P		P	22 42 17.7	0.0
MAJ	Matsushiro	75.89	325	P		P	22 42 17.5	-0.2
JNU	Nakatsue	77.42	318	P		P	22 42 25.9	-0.4
JNU	comp=Z,2.2nm,0.7s,baz=167,slow=0.8,SNR=8.3					P	22 42 25.9	-0.4
ASAJ	Asahikawa	79.89	332	P		P	22 42 40.8	+1.2
ASAJ	comp=Z,3.5nm,0.8s,baz=213,slow=5.5,SNR=29					P	22 42 35.5	-4.1
SYO	Syowa Base	79.93	193f	eP		P	22 42 46.3	+0.3
SYO	comp=Z,1.0nm,0.9s,baz=189,slow=5.6,SNR=32					P	22 42 46.3	+0.3
VNA3	Neumayer Olymp	81.18	176	P		P	22 42 49.0	+0.4
VNA2	Neumayer-Watz	81.62	177	P		P	22 42 50.2	+0.5
VNA1	Neumayer-Stat	81.85	177	P		P	22 42 53.0	+1.3
KSR5	Korea Arr	82.17	319	P		P	22 42 52.8	+0.9
KSR5	comp=Z,1.0nm,0.9s,baz=189,slow=5.6,SNR=32					P	22 42 55.7	-0.7
KSAR	Wonju Arr	82.18	319	P		P	22 42 52.8	+0.9
PEAOB	Petrovlovsk	83.02	346	P		P	22 42 55.7	-0.7
PETK	Petrovlovsk	83.02	346	P		P	22 42 55.7	-0.7
PETK	comp=Z,1.0nm,0.7s,baz=142,slow=7.8,SNR=15					P	22 42 56.1	+0.3
PETK	Petrovlovsk	83.02	346	P		P	22 43 01.7	-1.0
PFO	Pinyon Flats O	84.24	47	P		P	22 43 01.7	-1.0
XPFO	Pion Flat	84.24	47	P		P	22 43 01.7	-1.0
NJ2	Nanjing	84.39	310	eP		P	22 43 04.6	+1.3
NJ2	comp=Z,2.26nm,0.8s					P	22 43 04.6	+1.3
CMB	Columbia Colle	84.40	42	P		P	22 43 04.2	-0.1
CMB	comp=Z,1.1nm,1.1s					IaMb	22 43 06.3	+1.4
USRK	Ussuriysk Arr	84.77	326	P		P	22 43 05.5	+0.7
USRK	comp=Z,1.3nm,0.5s,baz=142,slow=4.2,SNR=34					P	22 43 05.5	+0.7
ORV	Orville	84.95	40	P		P	22 43 06.3	+0.3
WDC	Whiskeytown Da	85.06	39	P		P	22 43 08.3	+0.3
WDC	comp=Z,1.2nm,1.1s					IaMb	22 43 08.3	+0.3
GSC	Goldstone, Bar	85.06	46	P		P	22 43 05.7	-1.0
GSC	comp=Z,1.2nm,1.3s					IaMb	22 43 08.6	
YBH	Yreka Blue Hor	85.75	38	P		P	22 43 10.6	+0.6
YBH	comp=Z,5.3nm,0.9s,baz=143,slow=5.0,SNR=6.9					P	22 43 12.4	
YBH	Yreka Blue Hor	85.75	38	P		IaMb	22 43 12.4	
YERR	Yerington	85.90	42	P		P	22 43 09.7	-1.2
YERR	comp=Z,2.7nm,1.1s					IaMb	22 43 12.9	
YERR	Yerington	85.90	42	P		IaMb	22 43 12.9	
YERR	comp=Z,1.4nm,1.3s					P	22 43 12.7	+0.7
NVAR	Mina Array Bea	86.10	43	P		P	22 43 12.7	+0.7
NVAR	comp=Z,2.0nm,0.6s,baz=211,slow=8.4,SNR=7.3					P	22 43 12.7	+0.7

Code	Station Name	Time	Res
NVAR	Mina Array Bea	86.10	43
MDV1	Mina Array Sit	86.19	43
MDJ1	Mudanjiang	86.26	325
MDJ	comp=Z,3.6nm,0.9s		
MDJ	comp=Z,2.60nm,5.1s		
MDJ	Mudanjiang	86.26	325
YHN	Yuhan	86.63	307
Y14A	Wickenburg	86.67	49
Y14A	comp=Z,1.1nm,1.4s		
W13A	Hualapai Mount	86.83	48
W13A			
SHPR	Sheep Range	86.85	46
TUC	Tucson	87.29	51
TUC	comp=Z,7.7nm,1.1s		

RLS	comp=E,14654µm,0.6s	AML	AML	23 28 24.9
PVO	comp=N,21383µm,0.4s	P	Pb	23 28 08.8 +0.2
PVO	Paravoia	1.03 67	S	23 28 24.9 +1.8
PVO	comp=N,11µm,0.9s	P	Pb	23 28 08.7 +0.1
PVO	Paravoia	1.03 67	P	23 28 29.5
PVO	comp=E,23148µm,1.0s	AML	AML	23 28 31.9
DRO	comp=N,18569µm,0.8s	AML	AML	23 28 31.9
DRO	Drossia	1.14 103	P	23 28 10.2 -0.2
DRO	comp=N,14µm,0.4s	P	Pb	23 28 27.4 +1.5
DRO	Drossia	1.14 103	P	23 28 10.2 -0.2
DRO	comp=E,28600µm,0.3s	AML	AML	23 28 30.6
DRO	comp=N,26423µm,0.5s	AML	AML	23 28 39.2
UPR	University Cam	1.16 87	P	23 28 10.5 -0.2
UPR	University Cam	1.16 87	P	23 28 11.6 +0.1
AMT	Artemida-Makis	1.30 122	P	23 28 13.5 +0.2
AMT	Artemida-Makis	1.30 122	P	23 28 13.4 +0.2
AMT	comp=E,21604µm,0.5s	AML	AML	23 28 44.4
AMT	comp=N,18663µm,0.6s	AML	AML	23 28 47.6
LAKA	Lakka	1.31 89	P	23 28 11.9 -0.9
LAKA	comp=N,4µm,0.7s	S	Sg	23 28 32.0 +0.5
LAKA	Lakka	1.31 89	P	23 28 12.1 -0.8
LAKA	comp=N,8320µm,0.5s	AML	AML	23 28 36.8
LAKA	comp=E,6511µm,0.8s	AML	AML	23 28 38.6
ANX	Ano Chora	1.32 73	P	23 28 13.2 +0.2
ANX	Ano Chora	1.32 73	P	23 28 13.3 +0.4
ANX	comp=E,21270µm,0.6s	AML	AML	23 28 37.8
ANX	comp=N,26792µm,0.6s	AML	AML	23 28 38.2
EVR	Evyrtania	1.36 59	P	23 28 14.0 +0.4
EVR	comp=N,4µm,1.2s	S	Sb	23 28 32.1 +0.5
EVR	Evyrtania	1.36 59	P	23 28 13.8 +0.2
EVR	comp=N,7085µm,1.1s	AML	AML	23 28 42.9
EVR	comp=E,6806µm,0.8s	AML	AML	23 28 49.8
SERG	Sergoula	1.39 82	P	23 28 14.2 +0.4
SERG	Sergoula	1.39 82	P	23 28 14.0 +0.1
SERG	comp=E,11769µm,0.6s	AML	AML	23 28 40.6
SERG	comp=N,13042µm,0.6s	AML	AML	23 28 44.0
TRIZ	Trizonia	1.39 84	P	23 28 13.9 0.0
TRIZ	Trizonia	1.39 84	P	23 28 14.1 +0.2
TRIZ	comp=N,2748µm,0.5s	AML	AML	23 28 35.9 +1.9
ALIK	Aliki, Aigiali	1.42 88	P	23 28 14.6 +0.4
KALE	Kalitheia	1.45 83	P	23 28 14.8 +0.1
KALE	Kalitheia	1.45 83	P	23 28 14.9 +0.1
KALE	comp=N,7661µm,0.5s	AML	AML	23 28 45.3
KALE	comp=E,7449µm,0.8s	AML	AML	23 28 46.2
KLV	Kalavryta, Ach	1.46 97	P	23 28 15.6 -0.4
KLV	Kalavryta, Ach	1.46 97	P	23 28 15.8 -0.2
KLV	comp=N,5358µm,0.6s	AML	AML	23 28 45.5
KLV	comp=N,6188µm,0.6s	AML	AML	23 28 47.1
JAN	Janina	1.49 16	P	23 28 17.4 -0.4
JAN	Janina	1.49 16	P	23 28 17.5 -0.4
JAN	comp=N,6050µm,0.5s	AML	AML	23 28 43.3
JAN	comp=E,6905µm,0.5s	AML	AML	23 28 49.3
KEK	Kerkira	1.54 345	P	23 28 17.3 0.0
KEK	Kerkira	1.54 345	P	23 28 17.3 0.0
KEK	comp=E,3357µm,0.9s	AML	AML	23 28 50.4
KEK	comp=N,3885µm,0.9s	AML	AML	23 28 58.3
KASA	Kassiopi	1.55 349	P	23 28 18.0 +0.6
KASA	comp=N,4654µm,0.9s	AML	AML	23 28 44.1
KASA	comp=N,2748µm,0.5s	AML	AML	23 28 54.1
MAKR	Makrakomi, Fth	1.63 61	P	23 28 19.0 +0.2
MAKR	Makrakomi, Fth	1.63 61	P	23 28 19.1 +0.2
MAKR	comp=N,6285µm,1.1s	AML	AML	23 28 47.0
MAKR	comp=N,6285µm,1.1s	AML	AML	23 28 56.1
ITM	Ithomi	1.65 129	P	23 28 19.3 +0.1
ITM	Ithomi	1.65 129	P	23 28 19.1 -0.1
ITM	comp=N,5592µm,0.6s	AML	AML	23 28 51.9
ITM	comp=N,5430µm,0.8s	AML	AML	23 28 52.3
ITM	Ithomi	1.65 129	Pn	23 28 17.1 -0.4
MEV	Metsovon	1.71 24	P	23 28 21.3 +0.9
MEV	Metsovon	1.71 24	P	23 28 21.8 -0.2
DLFA	Delphi	1.74 81	P	23 28 20.2 -0.4
PYL	PYLLOS	1.75 139	P	23 28 20.2 -0.6
PYL	comp=N,2309µm,0.7s	AML	AML	23 29 04.5
AGG	Agios Georgios	1.77 63	P	23 28 21.9 +0.7
AGG	Agios Georgios	1.77 63	P	23 28 21.1 +0.2
AGG	comp=N,4332µm,1.3s	AML	AML	23 28 54.0
AGG	comp=N,4320µm,1.1s	AML	AML	23 28 56.1
AGG	Agios Georgios	1.77 63	P	23 28 19.2 0.0
AGG	Agios Georgios	1.77 63	Pn	23 28 40.0
AGG	Agios Georgios	1.77 63	Pn	23 28 19.2 0.0
AGG	Agios Georgios	1.77 63	Pn	23 28 40.0 -1.4
AGG	Vlachokerasia	1.85 117	Sn	23 28 23.3 +0.8
AGG	comp=N,6387µm,1.0s	AML	AML	23 29 07.0
VLX	comp=N,5438µm,0.7s	AML	AML	23 29 17.2
THL	Klokotos Trika	1.89 44	P	23 28 23.8 +0.6
THL	Klokotos Trika	1.89 44	P	23 28 24.0 +0.8
THL	comp=N,5516µm,0.9s	AML	AML	23 28 57.8
THL	comp=N,5447µm,0.8s	AML	AML	23 28 59.2
KPRO	Kipourio	1.91 25	P	23 28 24.4 +0.7
AXAR	Agios Charalamb	1.92 73	P	23 28 23.9 +0.1
AXAR	Agios Charalamb	1.92 73	P	23 28 25.3 -0.6
AXAR	comp=N,12000µm,1.0s	AML	AML	23 29 00.8
AXAR	comp=N,12000µm,1.0s	AML	AML	23 29 05.1
PENT	Pentalofos	2.07 18	P	23 28 26.2 -0.2
LOUT	Loutrak	2.10 96	P	23 28 25.9 -1.0
LOUT	Loutrak	2.10 96	P	23 28 27.0 -0.1
LKR	Lokris	2.15 78	P	23 28 27.1 -0.6
LKR	Lokris	2.15 78	P	23 28 26.9 -0.8
DYR	Agios Nikonas	2.17 132	P	23 28 27.7 -0.4
LRSO	Larissa Observ	2.17 48	P	23 28 25.4 +0.8
LRSO	comp=N,8984µm,1.0s	AML	AML	23 29 11.3
LRSO	comp=N,8984µm,1.0s	AML	AML	23 29 18.1
NEST	Nestorio	2.26 14	P	23 28 29.4 -0.2
WIL2	Platees	2.33 99	P	23 28 29.9 +0.9
SCTE	Santa Cesarea	2.34 323	P	23 28 26.5 -0.4
SCTE	Santa Cesarea	2.34 323	P	23 28 26.5 -0.4
KZN	Kozani	2.37 28	P	23 28 30.5 -1.0
KRN	KRANIDI	2.40 110	P	23 28 30.2 -1.7
KRN	KRANIDI	2.40 110	P	23 28 30.3 -1.6
DID	Didima	2.42 106	P	23 28 31.0 -1.3
DID	Didima	2.42 106	P	23 28 31.1 -1.3
DID	comp=N,2772µm,0.6s	AML	AML	23 29 14.7
DID	comp=N,3989µm,0.7s	AML	AML	23 29 14.7
XOR	Xorichti	2.52 62	P	23 28 33.8 -0.3
LIT	Litokhoron	2.53 41	P	23 28 32.4 -1.7

LIT	Litokhoron	2.53 41	P	Pb	23 28 32.7 -1.4
LIT	Litokhoron	2.53 41	P	Pn	23 28 28.0 -1.5
LIT	Litokhoron	2.53 41	P	Pn	23 28 28.0 -1.5
MRKA	Markates	2.62 78	P	P	23 28 32.9 +2.1
SKIA	Skiathos	2.62 68	P	P	23 28 34.2 -1.9
FNA	Florina	2.69 18	P	Pb	23 28 34.2 +2.5
FNA	Florina	2.69 18	ePn	Pn	23 28 34.1 +2.3
FNA	Florina	2.69 18	P	Pn	23 28 34.3 +2.5
FNA	Florina	2.69 18	P	Pn	23 28 32.9 +1.1
FNA	Florina	2.69 18	P	Pn	23 28 32.9 +1.1
FNA	Florina	2.69 18	P	Pn	23 28 34.7 +2.1
ATHU	Athens Unvers	2.75 94	P	P	23 29 26.3
ATHU	comp=N,784µm,0.7s	AML	AML	23 29 38.1	
ATHU	comp=N,784µm,0.7s	AML	AML	23 29 38.1	
ATHU	comp=E,514µm,0.8s	AML	AML	23 28 34.6 +1.7	
VLV	Voula, Athens	2.77 97	P	Pn	23 28 35.0 +2.0
VLV	Voula, Athens	2.77 97	P	Pn	23 28 35.4 +2.0
PTL	Penteli	2.81 92	P	P	23 29 12.7
PTL	comp=N,1896µm,1.0s	AML	AML	23 29 18.0	
PTL	comp=N,1896µm,1.0s	AML	AML	23 29 18.0	
DION	Dionisios Attik	2.86 92	P	P	23 28 36.8 +2.7
OHR	Ohrid	2.91 7	iPn	Pb	23 28 38.0 -2.6
TIP	Timpagrande	2.94 290	P	P	23 28 37.2 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 37.2 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 37.2 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 37.6 +2.3
TIP	Timpagrande	2.94 290	P	P	23 29 12.5 +2.2
TIP	Timpagrande	2.94 290	P	P	23 28 37.3 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 37.8 -2.4
TIP	Timpagrande	2.94 290	P	P	23 28 37.9 +2.6
TIP	Timpagrande	2.94 290	P	P	23 28 40.4 +2.5
TIP	Timpagrande	2.94 290	P	P	23 29 19.6 -3.0
TIP	Timpagrande	2.94 290	P	P	23 28 40.2 +2.3
TIP	Timpagrande	2.94 290	P	P	23 28 39.5 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 39.9 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 40.1 +1.7
TIP	Timpagrande	2.94 290	P	P	23 28 41.1 +2.2
TIP	Timpagrande	2.94 290	P	P	23 28 42.0 +2.4
TIP	Timpagrande	2.94 290	P	P	23 28 41.7 +1.8
TIP	Timpagrande	2.94 290	P	P	23 28 41.7 +3.8
TIP	Timpagrande	2.94 290	P	P	23 28 46.6 +2.1
TIP	Timpagrande	2.94 290	P	P	23 28 42.9 +0.2
TIP	Timpagrande	2.94 290	P	P	23 28 46.0 +3.0
TIP	Timpagrande	2.94 290	P	P	23 28 45.5 +1.9
TIP	Timpagrande	2.94 290	P	P	23 28 47.8 +2.7
TIP	Timpagrande	2.94 290	P	P	23 28 45.6 +1.5
TIP	Timpagrande	2.94 290	P	P	23 28 47.6 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 50.6 +4.2
TIP	Timpagrande	2.94 290	P	P	23 28 49.2 +1.7
TIP	Timpagrande	2.94 290	P	P	23 28 47.8 +2.7
TIP	Timpagrande	2.94 290	P	P	23 28 47.9 +0.3
TIP	Timpagrande	2.94 290	P	P	23 28 49.6 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 49.9 +1.4
TIP	Timpagrande	2.94 290	P	P	23 28 51.0 +2.3
TIP	Timpagrande	2.94 290	P	P	23 28 53.3 +3.0
TIP	Timpagrande	2.94 290	P	P	23 28 54.5 +2.6
TIP	Timpagrande	2.94 290	P	P	23 28 54.7 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 55.3 +2.2
TIP	Timpagrande	2.94 290	P	P	23 28 55.1 +1.7
TIP	Timpagrande	2.94 290	P	P	23 28 57.3 +3.8
TIP	Timpagrande	2.94 290	P	P	23 28 54.7 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 54.4 +0.8
TIP	Timpagrande	2.94 290	P	P	23 29 49.4 +1.7
TIP	Timpagrande	2.94 290	P	P	23 28 58.6 +4.7
TIP	Timpagrande	2.94 290	P	P	23 28 57.2 +2.0
TIP	Timpagrande	2.94 290	P	P	23 28 58.8 0.0
TIP	Timpagrande	2.94 290	P	P	23 28 58.3 +1.3
TIP	Timpagrande	2.94 290	P	P	23 28 59.6 +2.4
TIP	Timpagrande	2.94 290	P	P	23 29 01.3 +1.9
IDI	Anoyia	4.70 127	P	Pn	23 29 51.9 -1.8
IDI	comp=E,1.1nm,0.3s,baz=199,slow=3,SNR=17	Sn	Sn	23 29 01.3 +1.9	
IDI	Anoyia	4.70 127	P	Pn	23 29 01.7 +0.9
IDI	Anoyia	4.70 127	P	Pn	23 29 01.7 +0.9
IDI	Anoyia	4.70 127	P	Pn	23 29 01.7 +1.9
IDI	comp=E,5.1nm,0.3s,baz=147,slow=23,SNR=2.0	Sn	Sn	23 29 53.2 -1.2	
IDI	Anoyia	4.70 127	P	Pn	23 28 59.6 -0.3
IDI	Anoyia	4.70 127	P	Pn	23 28 59.5 -0.3
IDI	Anoyia	4.70 127	P	Pn	23 29 05.3 +3.8
IDI	Anoyia	4.70 127	P	Pn	23 29 04.3 +1.7
IDI	Anoyia	4.70 127	P	Pn	23 29 04.6 +2.0
IDI	Anoyia	4.70 127	P	Pn	23 29 04.8 +2.2
IDI	Anoyia	4.70 127	P	Pn	23 29 05.0 +2.4
IDI	Anoyia	4.70 127	P	Pn	23 29 05.2 +2.4
IDI	Anoyia	4.70 127	P	Pn	23 29 04.7 +1.5
IDI	Anoyia	4.70 127	P	Pn	23 29 59.4 -1.1
IDI	Anoyia	4.70 127	P	Pn	23 29 05.2 +1.3
IDI	Anoyia	4.70 127	P	Pn	23 29 05.8 +1.7
IDI	Anoyia	4.70 127	P	Pn	23 29 05.8 +1.7
IDI	Anoyia	4.70 127	P	Pn	23 29 03.1 -1.8
IDI	Anoyia	4.70 127	P	Pn	23 29 22.3 +3.8
IDI	Anoyia	4.70 127	P	Pn	23 29 07.8 +2.1
IDI	Anoyia	4.70 127	P	Pn	23 29 07.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like K02D, LSHM, HOPS, HUMO, L04D, etc.

NCEDC 11 00:14:29.4±1.0, 40.55N±0.04, 125.3W±0.1, h18km±7km, M2, 8/35, Error ellipse: s-maj=11.2km s-min=6.1km

NEIC 11 00:14:26.2±1.2, 40.59N±0.03, 125.40W±0.09, h13km±9km, Error ellipse: s-maj=9.7km s-min=4.6km az=76.0, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KCTM, KCTM1, KMPH, KMPM, etc.

UPP 11 00:29:56.3±0.1, 67.82N±0.16E, h0km, ML2.9, Explosion, Sweden

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

HEL 11 00:30:04.9, 67.86N±0.02E, h0km, ML1.7, Suspected explosion

UPP 11 00:30:06.0±0.1, 67.83N±0.24E, h0km, ML2.8, Explosion, Sweden

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

SJA 11 00:38:19.4±0.6, 31.25S±69.14W, h104km±2km, ML4.2, MW4

NEIC 11 00:38:19.7±1.6, 31.24S±69.11W±0.06, h112km±4km, Error ellipse: s-maj=7.7km s-min=6.5km az=214.0

IDC 11 00:38:20.0±0.5, 31.30S±69.06W, h109km±3km, mb3.9/11, m-b1=16.3km s-min=9.9km az=45.0

GUC 11 00:38:20.1±0.7, 31.22S±69.17W, h118km±4km, ML4.4

ISC 11 00:38:20.6±0.5, 31.22S±69.13W±0.03, h106km±4km, n97, f134/129, mb4.1/15, 8C-1D, San Juan Province

Table with columns: ZON, Zonda, Az, Az', Phase ID, Time, Res. Includes stations like RTLL, RTLL, RTLL, etc.

ARCO CERRO ARCO 1.63 174 I P Pn 00 38 48.4 +0.5

ARCO CERRO ARCO 1.63 174 I P Pn 00 38 48.4 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO04, CO04, CO04, etc.

GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

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GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

GO03 Copiap 3.74 345 I S Pn 00 39 15.9 +0.4

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

NEIC 11 00:43:40.4±1.9, 19.48N±0.05, 67.77W±0.04, h23km±13km, Error ellipse: s-maj=9.4km s-min=2.3km az=216.0

RSRP 11 00:43:41.0, 19.53N±67.80W, h85km±10km, MD3.4/4

ISC 11 00:43:41.2±2.2, 19.4N±0.1±67.85W±0.05, h21km±16, n16, o43/22, 2C-2D, Mona Passage

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

ATA 11 00:51:28.5±1.1, 38.73N±43.01E, h11km±69km, ML1.7

ISK 11 00:51:28.3, 38.72N±43.03E, h5km, ML2.0/7

DD 11 00:51:29.1, 38.71N±43.07E, h7km±3km, ML1.6, Turkey

Code Station Name Az Az' Phase ID Time Res

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Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

CUKT Cukurca 1.52 163 i P Pg 00 51 59.5 +1.3
CUKT comp=N,14nm,1.0s IAML 00 52 24.0
CUKT comp=E,16nm,0.8s IAML 00 52 25.0

ARE 11 00:58:05.3, 15:55:0.1, 17.3:6W, 0.1, h74km, 10km, ML4.2, Error ellipse: s-maj=0.0km s-min=0.0km az=133.0
NEIC 11 00:58:03.6, 5.1, 15:59:0.1, 17.3:9W, 0.1, h90km, 41km, Error ellipse: s-maj=19.4km s-min=11.0km az=223.0, Southern Peru

Code Station Name Delta AZ Phase ID Time Res
NNA Nana 4.80 323 Op Pn 00 59 13.4 +0.3
NMNC Minye Minye 5.23 129 Pn Pn 00 59 19.6 -0.1
LPAZ La Paz 5.56 95 Pn Pn 00 59 24.6 +0.1
PB11 IPOC Station P 5.59 134 Pn Pn 00 59 25.4 +0.8

MEX 11 01:20:56.5, 0.7, 13:67N, 92:62W, h15km, MD4.0
NEIC 11 01:20:57.4, 1.3, 13:8N, 0.1, 92:62W, 0.6, h34km, 22km, MD4.0/18(MEX), Error ellipse: s-maj=22.1km s-min=7.7km az=192.0
ISC 11 01:20:57.4, 3.9, 13:8N, 0.2, 92:57W, 0.08, h35km, n11, 0:072/21, Off coast of Chiapas

Code Station Name Delta AZ Phase ID Time Res
THIG 1.16 15 Op Pn 01 21 16.0 +0.7
THIG 1.16 15 i S Pn 01 21 15.5 -0.3
THIG 1.16 15 i S Pn 01 21 16.4 -0.7
THIG 1.16 15 i S Pn 01 21 31.5 -0.3

SJA 11 01:38:08.1, 0.6, 22:20S, 68:62W, h128km, 4km, ML3.5, MW3.5
GUC 11 01:38:11.2, 0.6, 22:23S, 68:74W, h117km, 3km, ML3.5
ISC 11 01:38:11.6, 1.9, 22:23S, 0:04, 68:76W, 0.08, h113km, 11km, n24, 0:057/40, 10C-1D, Northern Chile

Code Station Name Delta AZ Phase ID Time Res
LVC Limon Verde 0.40 200 i P Pn 01 38 28.0 -0.7
LVC Limon Verde 0.40 200 i S Pn 01 38 40.5 -1.0
LVC Limon Verde 0.40 200 i S Pn 01 38 47.7 +0.7

Code Station Name Delta AZ Phase ID Time Res
PB09 IPOC Station P 0.62 314 i P Pn 01 38 29.9 0.0
PB09 IPOC Station P 0.62 314 i S Pn 01 38 43.5 0.0
PB09 IPOC Station P 0.62 314 i P Pn 01 38 29.9 +0.8

Code Station Name Delta AZ Phase ID Time Res
PB06 IPOC Station P 0.88 238 i P Pn 01 38 31.9 -0.2
PB06 IPOC Station P 0.88 238 i S Pn 01 38 47.8 +0.3
PB06 IPOC Station P 0.88 238 i P Pn 01 38 31.8 -0.2

Code Station Name Delta AZ Phase ID Time Res
PB03 IPOC Station P 0.94 281 i P Pn 01 38 32.5 0.0
PB03 IPOC Station P 0.94 281 i S Pn 01 38 48.8 +0.4
PB03 IPOC Station P 0.94 281 i P Pn 01 38 30.5 0.0

Code Station Name Delta AZ Phase ID Time Res
PB15 IPOC Station P 1.17 214 i P Pn 01 38 35.0 -0.1
PB15 IPOC Station P 1.17 214 i S Pn 01 38 53.5 +0.7
PB15 IPOC Station P 1.17 214 i P Pn 01 38 35.1 +0.1

Code Station Name Delta AZ Phase ID Time Res
PB04 IPOC Station P 1.29 265 i P Pn 01 38 36.2 -0.1
PB04 IPOC Station P 1.29 265 i S Pn 01 38 54.8 -0.2
PB04 IPOC Station P 1.29 265 i P Pn 01 38 36.2 -0.1

Code Station Name Delta AZ Phase ID Time Res
PB02 IPOC Station P 1.39 311 i P Pn 01 38 37.3 -0.1
PB02 IPOC Station P 1.39 311 i S Pn 01 38 56.8 -0.2
PB02 IPOC Station P 1.39 311 i P Pn 01 38 38.1 -0.2

Code Station Name Delta AZ Phase ID Time Res
PB05 IPOC Station P 1.47 245 i P Pn 01 38 58.5 -0.1
PB05 IPOC Station P 1.47 245 i S Pn 01 39 03.5
PB05 IPOC Station P 1.47 245 i P Pn 01 38 38.1 -0.2

Code Station Name Delta AZ Phase ID Time Res
PATCX Punita Patache 1.91 317 i P Pn 01 38 43.2 -0.5
PATCX Punita Patache 1.91 317 i S Pn 01 39 07.8 -0.4
PATCX Punita Patache 1.91 317 i P Pn 01 39 10.8

Code Station Name Delta AZ Phase ID Time Res
PB10 IPOC Station P 2.09 232 i P Pn 01 38 45.8 0.0
PB10 IPOC Station P 2.09 232 i P Pn 01 39 21.5
PB10 IPOC Station P 2.09 232 i P Pn 01 38 46.8 +0.2

IDC 11 01:42:08.6, 432.0, 38:84N, 116:51W, h0km, Error ellipse: s-maj=165.9km s-min=106.5km az=179.0, Nevada
BUJ 11 01:52:40.4, 0.0, 45:90N, 152:41E, h25km, mB4.8/12, mB4.6/27, Ms4.2/6, Ms7.4/17
JMA 11 01:52:44.9, 0.7, 45:95N, 152:08E, h30km, M4.8
SKHL 11 01:52:44.4, 0.5, 45:55N, 152:27E, h51km, 6km, mB5.4/4, msh5.1/5

2014 MAR

MOS 11 01:52:46.3, 1.0, 45:85N, 151:86E, h47km, mB4.8/23, MS3.3/5, Error ellipse: s-maj=6.9km s-min=5.5km az=83.6
NEIC 11 01:52:49.0, 1.3, 45:94N, 0:08, 151:6E, 0.1, h54km, 3km, mB4.6/60, Error ellipse: s-maj=11.3km s-min=9.8km az=152.0
IDC 11 01:52:51.0, 2.1, 46:02N, 151:68E, h65km, 18km, mB3.9/23, mB1.4/0/29, mB1mx3.9/47, mBmp4.1/29, MS3.6/3, Ms1.3/6/13, ms1mx3.3/40, Error ellipse: s-maj=17.0km s-min=10.7km az=151.0

BGR 11 01:52:55.5, 0.0, 47:32N, 151:80E, h33km, mB4.9
ISC 11 01:52:46.3, 1.0, 45:72N, 0:05, 152:02E, 0.05, h34km, 3km, n301, 1:189/505, mB4.6/63, MS3.6/11, 23C-12D, East of Kuril Islands

Code Station Name Delta AZ Phase ID Time Res
KUR Kuril'sk 2.96 262 Op Pn 01 53 30.8 -0.1
KUR 310nm,0.3s AMB AMB 01 53 34.0
KUR 250nm,0.3s AMB AMB 01 53 34.0

Code Station Name Delta AZ Phase ID Time Res
KUR Kuril'sk 2.96 262 i P Pn 01 53 31.0 +0.1
KUR Kuril'sk 2.96 262 e S Pn 01 54 06.2 +0.7
KUR 3um,2.0s A A 01 54 11.0

Code Station Name Delta AZ Phase ID Time Res
KUR 2um,2.0s A A 01 54 14.0
KUR 1um,0.3s A A 01 54 14.0
KUR 440nm,0.3s A P 01 54 14.0

Code Station Name Delta AZ Phase ID Time Res
SHO Shikotan 4.13 245 i P Pn 01 53 46.9 -0.1
SHO 540nm,3.0s AMB AMB 01 53 50.0
SHO 150nm,0.3s AMB AMB 01 53 50.0

Code Station Name Delta AZ Phase ID Time Res
SHO 780nm,3.0s A A 01 54 36.0
SHO 930nm,3.0s A A 01 54 40.0
SHO 480nm,0.4s A A 01 54 40.0

Code Station Name Delta AZ Phase ID Time Res
SHO Shikotan 4.13 245 d i P Pn 01 53 46.8 -0.2
SHO 145um,0.3s Pn pmax
SHO 63um,0.2s Pn pmax

Code Station Name Delta AZ Phase ID Time Res
YUK Yuzh-Kuril'sk 4.69 251 e P Pn 01 53 55.5 +0.8
YUK 340nm,0.3s AMB AMB 01 53 57.0
YUK 1um,2.0s A A 01 54 48.4 +0.5

Code Station Name Delta AZ Phase ID Time Res
YUK Yuzh-Kuril'sk 4.69 251 i P Pn 01 53 55.5 +0.8
YUK Tuman 4.77 251 e P Pn 01 53 57.1 +1.4
YUK 190nm,0.2s AMB AMB 01 54 00.0

Code Station Name Delta AZ Phase ID Time Res
YUK Yuzh-Kuril'sk 4.69 251 e P Pn 01 53 55.5 +0.8
YUK Tuman 4.77 251 e P Pn 01 53 57.1 +1.4
YUK 186um,0.2s AMB AMB 01 54 00.0

Code Station Name Delta AZ Phase ID Time Res
GLVR Golovnino 5.04 249 e P Pn 01 54 00.7 +1.3
GLVR 210nm,0.4s AMB AMB 01 54 02.0
GLVR 660nm,0.5s A A 01 54 56.5 0.0

Code Station Name Delta AZ Phase ID Time Res
GLVR Golovnino 5.04 249 e P Pn 01 54 00.7 +1.3
GLVR 210nm,0.4s AMB AMB 01 54 02.0
GLVR 660nm,0.5s A A 01 55 02.0

Code Station Name Delta AZ Phase ID Time Res
NEM2 Nemuro 2 5.07 245 P Pn 01 53 59.6 -0.2
NEM2 Nemuro 2 5.07 245 e S Pn 01 54 55.9 -1.3
NMR Nemuro-Hokkai 5.08 245 e P Pn 01 53 59.7 -0.2

Code Station Name Delta AZ Phase ID Time Res
SKR Severo-Kuril's 5.67 27 e P Pn 01 54 08.9 +0.9
SKR 500nm,3.0s AMB AMB 01 54 12.0
SKR 110nm,0.5s AMB AMB 01 54 13.3

Code Station Name Delta AZ Phase ID Time Res
SKR Severo-Kuril's 5.67 27 e P Pn 01 54 08.9 +1.8
SKR 113nm,0.9s AMB AMB 01 54 13.3
SKR 240nm,0.4s AMB AMB 01 55 10.5 -1.3

Code Station Name Delta AZ Phase ID Time Res
SKR Severo-Kuril's 5.67 27 e P Pn 01 54 08.9 +1.8
SKR 113nm,0.9s AMB AMB 01 54 13.3
SKR 240nm,0.4s AMB AMB 01 55 10.5 -1.3

YSS Yuzh-Sakhalins 6.54 284 Pn 01 54 18.2 -1.7
PAU Pauzhetka 6.57 27 e P Pn 01 54 20.9 +0.6
PAU Pauzhetka 6.57 27 e S Pn 01 55 32.4 -1.6

11d 1h

UGL comp=E,70nm,0.6s AMB AMB 01 54 42.2
UGL comp=E,400nm,4.0s eS A Sn 01 55 58.5 +0.5
UGL comp=E,100nm,0.5s A A 01 56 04.0

UGL comp=E,120nm,0.5s A A 01 56 08.5
UGL comp=E,200nm,3.0s A A 01 56 08.5
UGL comp=E,300nm,3.0s A A 01 56 08.5

UGL Uglegorsk 7.54 300 i P Pn 01 54 35.7 +2.0
UGL comp=Z,65nm,0.6s TYV TYV 01 54 43.2 +2.0
TYV TYV 01 54 43.4
TYV comp=Z,10.0nm,0.5s AMB AMB 01 54 44.2

TYV TYV 01 56 10.0
TYV comp=Z,20nm,0.7s TYV TYV 01 56 11.9 +0.5
TYV TYV 01 54 43.1 +1.9
TYV comp=Z,12nm,0.5s TYV TYV 01 54 44.7 +1.1

TYV comp=Z,200nm,3.6s PEAOB Petropavlovsk 8.26 25 i P Pn 01 54 44.6 +0.9
PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.9 +1.2
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 45.0 +1.4

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0
PETK Petropavlovsk 8.49 28 e S Pn 01 54 37.6 -9.1

PETK Petropavlovsk 8.49 28 e P Pn 01 54 37.6 -9.1
PETK Petropavlovsk 8.49 28 e S Pn 01 54 37.6 -9.1
PETK Petropavlovsk 8.49 28 e S Pn 01 54 37.6 -9.1

PEAOB Petropavlovsk 8.26 25 i P Pn 01 54 44.6 +0.9
PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.9 +1.2
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 45.0 +1.4

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

PEAOB Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.26 25 Pn Pn 01 54 44.7 +1.1
PETK Petropavlovsk 8.49 28 e P Pn 01 57 14.0

Table of meteorological data for stations H1S2 through FFC. Columns include station ID, name, coordinates, elevation, and various meteorological parameters like temperature, wind, and precipitation.

Table of meteorological data for stations EGMT through TXAR. Columns include station ID, name, coordinates, elevation, and various meteorological parameters like temperature, wind, and precipitation.

Table of meteorological data for stations TXAR through PWL. Columns include station ID, name, coordinates, elevation, and various meteorological parameters like temperature, wind, and precipitation.

Table for station LJU 11:02:03:45.6,45:75N:14:86E, h2km, ML0.1, 1D, detailing observation times and results.

11d 02:20:59.9, 2.1, 59.42N, 152.96W, h56km, 34km, mb3.3/1, mb1.3, 7.75, mb1rx3.1/4.1, mbtmp3.6/5, ML3.6/4, Error ellipse: a-maj=36.7km s-min=10.2km az=105.0 AEC 11:02:01:01.1, 0.9, 59.35N, 152.86W, 0.03, h85km, 6km, ML2.9/96, Error ellipse: s-maj=4.6km s-min=1.3km az=207.0

Table for station ISC 11:02:01:01.1, 0.9, 59:35N, 152:86W, 0.03, h85km, 6km, n90, e078/108, Southern Alaska, detailing observation times and results.

Table of meteorological data for stations AU22 through PWL. Columns include station ID, name, coordinates, elevation, and various meteorological parameters like temperature, wind, and precipitation.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sitkinak Islan, Palmer, Knik Glacier, etc.

IDC 11 02:44:04.0, 2.0, 3.60165S:20:07'W, h0km, mb5.5/27, mb1.5/27, mb1mx5.2/28, mbtmp5.5/27, MS6.0/27, Ms1.6/0.27, ms1mx5.7/34, Error ellipse: s-maj=11.0km s-min=8.0km az=24.0

NEIC 11 02:44:05.8, 1.7, 60.865S:01:08:20.0'W:0.2, h10km, 11km, mbc5.9/96, Ms_20.6/27.50, Mw6.4/43, Mw6.4/88, Mw6.4/170, Mw6.4(GCMT), Error ellipse: s-maj=14.1km s-min=11.2km az=43.0

NEIC 11 02:44:05.8, 60.865S:19:98'W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=1.03; Mw=0.14; Mss=0.90; Mss1.04; Mss2.09; Mss3.49; Fault plane solution: P=373.00000; N=167.00000; NP2=265.40000; 373.16000; N=167.00000; NP2=265.40000; 373.24000; N=171.21000; Principal axes: T 4.6474, Plg3.0000, Azm313.0000; N -0.6438, Plg69.0000; Azm52.0000; P -4.0036, Plg20.0000; Azm222.0000;

MOS 11 02:44:05.5, 1.5, 60.865S:20:15'W, h10km, mb5.9/31, MS6.0/21 Error ellipse: s-maj=20.9km s-min=10.6km az=99.8

BUI 11 02:44:06.0, 6.0, 60.845S:19:96'W, h10km, mB6.1/46, Ms6.3/55, Ms7.6/153

NEIC 11 02:44:08.6, 60.85S:20:36'W, h20km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=1.02; Mw=1.02; Mss=1.13; Mss1.01; Mss2.36; Mss3.76; Fault plane solution: P=55.74000; N=1018.0000; NP1=355.0000; 588.0000; N=162.0000; NP2=85.0000; 672.0000; 2.00000; Principal axes: T 5.8714, Plg14.0000; Azm308.0000; N -0.2619, Plg72.0000; Azm168.0000; P -5.6095, Plg11.0000; Azm41.0000;

GCMT 11 02:44:10.8, 0.0, 61.015S:19:92'W, h18km, Mw6.4/170, Moment Tensor Solution. s168.c390; s170.c737; Duration: 3s9 Moment tensor: Scale 10^18Nm; Mr=0.28; Mw=0.28; Mss=0.76; Mss1.03; Mss2.07; Mss3.05; Mw4.85; Mw2.28; Mw3.05; Best double couple: Mw4.94600; N=1018.0000; NP1=355.0000; 387.0000; 1.77.00000; NP2=85.0000; 387.0000; 1.3.00000; Principal axes: T 5.0960, Plg4.0000; Azm310.0000; N -0.3030, Plg86.0000; Azm122.0000; P -4.7960, Plg0.0000; Azm220.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 11 02:44:11.6, 61.015S:20:00'W, h17km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.32; Mw=0.74; Mss=1.06; Mss1.06; Mss2.43; Mss3.30; Fault plane solution: M5.00000; N=1018.0000; NP1=355.0000; 387.0000; 1.75.00000; Principal axes: T 5.0897, Plg3.0000; Azm310.0000; N -0.1797, Plg79.0000; Azm58.0000; P -4.9100, Plg10.0000; Azm219.0000;

NEIC 11 02:44:16.0, 60.60S:19:72'W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.52; Mw=0.25; Mss=0.77; Mss1.24; Mss2.48; Mss3.19; Fault plane solution: M5.44000; N=1018.0000; NP1=355.28000; 364.08000; N=177.13000; NP2=266.02000; 387.42000; N=25.95000; Principal axes: T 5.6559, Plg16.0000; Azm315.0000; N -0.4238, Plg64.0000; Azm81.0000; P -5.2321, Plg20.0000; Azm19.0000;

ISC 11 02:44:06.3, 0.2, 60.845S:04:20:12'W:0.04, h10km, n1036, -29.40/635, mb5.8/81, MS6.2/438, 20C-32, East of South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hope Point, WNA1, GEORG VON NEUMANN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EFI, EFI East Falkland, H09W1 TRISTAN DA CUN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDFB, BDFB Brasilia, BDFB comp=Z,106nm,0.8s, etc.

Table with columns: RPN, Station Name, Frequency, Class, Mode, and other technical details. Includes stations like Rapa Nui, Pitinga, PTGA, KIC, TIC, DBIC, etc.

Table with columns: CBOC, Station Name, Frequency, Class, Mode, and other technical details. Includes stations like Ciudad Bolivar, Pamplona, Col, BKZ, HELC, etc.

Table with columns: GPCR, Station Name, Frequency, Class, Mode, and other technical details. Includes stations like Guaynabo City, Maguayes Islan, MLRS, etc.

DZM	comp-Z,6um,28.4s	97.21	186	ePS	PS	03	10	33.3	+9.0
DZM	comp-Z,2um,27.4s			eSS	SS	03	15	53.6	+15
DZM	comp-Z,29um,29.8s			eLQ	LR	03	29	27.6	
DZM	comp-Z,12um,22.1s			eLR	LR	03	29	27.6	
TEIG	comp-Z,13nm,0.8s,baz=132,slow=0	97.39	298	P	P	02	57	38.6	-1.0
TEIG	comp-Z,4um,20.2s,baz=253,slow=38	97.39	298	P	P	04	54	57.4	
TEIG	comp-Z,46nm,1.1s	97.39	298	I	Iamb	02	57	39.1	-0.5
TEIG	comp-Z,13nm,0.8s,baz=167,slow=4.0,SNR=4.6	97.56	291	P	P	02	57	39.0	-1.5
PFVI	comp-Z,3.7nm,1.0s,baz=167,slow=4.0,SNR=4.6	97.56	291	eS	S	03	09	21.1	+12
PFVI	comp-Z,3.7nm,1.0s,baz=167,slow=4.0,SNR=4.6	97.56	291	eS	S	03	16	00.7	+8.7
EMAL	comp-Z,3.7nm,1.0s,baz=167,slow=4.0,SNR=4.6	98.11	13	iPS	PS	03	10	31.0	-3.2
PBDV	comp-Z,3.7nm,1.0s,baz=167,slow=4.0,SNR=4.6	98.25	10	eS	SS	03	09	23.3	+1.9
PBDV	comp-Z,3.7nm,1.0s,baz=167,slow=4.0,SNR=4.6	98.25	10	eS	SS	03	16	00.4	+5.8
CMLA	comp-Z,3.7nm,1.0s,baz=167,slow=4.0,SNR=4.6	98.36	356	I	IAMS_20	03	33	53.9	
PVAQ	comp-Z,9um,19.0s	98.42	10	eS	SS	03	09	28.6	+1.7
PVAQ	comp-Z,9um,19.0s	98.42	10	eS	SS	03	16	02.5	+5.5
PVAQ	comp-Z,9um,19.0s	98.42	10	eLQ	LR	03	25	16.5	
PVAQ	comp-Z,9um,19.0s	98.42	10	eLR	LR	03	31	39.6	
PCVE	comp-Z,6um,20.0s	98.62	10	eS	S	03	09	28.9	+16
PCVE	comp-Z,6um,20.0s	98.62	10	eS	S	03	16	09.8	+10
MNCI	comp-Z,9um,20.0s	98.72	89	I	IAMS_20	03	33	22.4	
PNCL	comp-Z,9um,20.0s	99.06	9	eS	S	03	09	36.0	+19
PNCL	comp-Z,9um,20.0s	99.06	9	eS	S	03	16	12.9	+7.0
KEST	comp-Z,2.5nm,0.8s,baz=234,slow=6.9,SNR=1.5	99.21	24	P	Pdfff	02	57	48.6	+1.1
KEST	comp-Z,2.5nm,0.8s,baz=234,slow=6.9,SNR=1.5	99.21	24	P	Pdfff	03	39	54.9	
KEST	comp-Z,6um,18.1s,baz=153,slow=34	99.21	24	I	IAMS_20	03	39	53.0	
KEST	comp-Z,6um,18.1s,baz=153,slow=34	99.21	24	I	IAMS_20	03	39	53.0	
RAYN	comp-Z,7um,19.0s	99.23	58	I	IAMS_20	03	40	05.4	
CART	comp-Z,6um,20.0s	99.32	15	I	IAMS_20	03	37	53.9	
CARF	comp-Z,6um,20.0s	99.32	15	I	IAMS_20	03	37	53.9	
BBSR	comp-Z,6um,20.0s	99.75	323	I	IAMS_20	03	36	51.2	
PMAFR	comp-Z,7um,21.0s	99.84	9	eSdfff	S	03	09	39.7	+16
PMAFR	comp-Z,7um,21.0s	99.84	9	eSdfff	S	03	16	27.9	+11
PESTR	comp-Z,7um,21.0s	99.89	10	eSdfff	SS	03	03	04.3	+1.6
PESTR	comp-Z,7um,21.0s	99.89	10	eSdfff	SS	03	16	25.7	+8.2
PMTG	comp-Z,7um,21.0s	100.04	9	eSdfff	Sdfff	03	09	42.2	+1.7
PMTG	comp-Z,7um,21.0s	100.04	9	eSdfff	Sdfff	03	16	28.1	+8.6
WDD	comp-Z,7um,21.0s	100.42	28	I	IAMS_20	03	46	19.6	
PMRV	comp-Z,7um,19.0s	100.46	10	eSdfff	Sdfff	03	09	44.9	+16
PMRV	comp-Z,7um,19.0s	100.46	10	eSdfff	Sdfff	03	16	34.8	+9.3
PMRV	comp-Z,7um,19.0s	100.46	10	eLQ	LR	03	26	23.5	
PMRV	comp-Z,7um,19.0s	100.46	10	eLR	LR	03	32	37.3	
CNJI	comp-Z,7um,22.0s	100.59	127	P	Pdfff	02	57	57.1	+2.9
CNJI	comp-Z,7um,22.0s	100.59	127	P	Pdfff	03	35	02.0	
CISI	comp-Z,2.2um,1.4s	100.64	147	I	IAMS_20	03	35	02.0	
CISI	comp-Z,2.2um,1.4s	100.64	147	I	IAMS_20	03	35	02.0	
TRD	comp-Z,6um,20.0s	100.83	92	I	IAMS_20	03	33	17.5	
TRD	comp-Z,6um,20.0s	100.83	92	I	IAMS_20	03	33	17.5	
PCAS	comp-Z,6um,20.0s	100.99	9	eSdfff	Sdfff	03	09	48.9	+16
PCAS	comp-Z,6um,20.0s	100.99	9	eSdfff	Sdfff	03	16	40.9	+8.0
ESDC	comp-Z,6um,20.0s	101.03	13	P	Pdfff	02	57	58.9	+3.4
ESDC	comp-Z,6um,20.0s	101.03	13	P	Pdfff	03	35	02.0	
ESDC	comp-Z,6um,20.0s	101.03	13	P	Pdfff	02	57	55.1	-0.4
ESDC	comp-Z,6um,20.0s	101.03	13	P	Pdfff	03	16	44.6	+10
COI	comp-Z,6um,20.0s	101.15	9	eSdfff	Sdfff	03	09	46.4	+10
MTE	comp-Z,6um,20.0s	101.41	10	eSdfff	Sdfff	03	16	44.1	+5.3
MTE	comp-Z,6um,20.0s	101.41	10	eSdfff	Sdfff	03	16	44.1	+5.3
MTE	comp-Z,6um,20.0s	101.41	10	eLQ	LR	03	32	27.2	
MTE	comp-Z,6um,20.0s	101.41	10	eLR	LR	03	32	27.2	
UNM	comp-Z,8um,22.0s	101.48	289	I	IAMS_20	03	38	56.9	
UNM	comp-Z,8um,22.0s	101.48	289	I	IAMS_20	03	38	56.9	
CORL	comp-Z,8um,21.0s	102.12	26	I	IAMS_20	03	44	50.9	
CORL	comp-Z,8um,21.0s	102.12	26	I	IAMS_20	03	44	50.9	
JAGI	comp-Z,7um,21.0s	102.16	134	I	IAMS_20	03	35	29.0	
JAGI	comp-Z,7um,21.0s	102.16	134	I	IAMS_20	03	35	29.0	
MVO	comp-Z,6um,22.0s	102.22	10	eSdfff	Sdfff	03	09	56.3	+13
MVO	comp-Z,6um,22.0s	102.22	10	eSdfff	Sdfff	03	16	53.3	+3.3
MVO	comp-Z,6um,22.0s	102.22	10	eLQ	LR	03	26	51.5	
MVO	comp-Z,6um,22.0s	102.22	10	eLR	LR	03	32	20.9	
MAHO	comp-Z,7um,20.0s	102.35	19	ePP	PP	03	01	57.2	-1.7
MAHO	comp-Z,7um,20.0s	102.35	19	eS	SS	03	10	04.9	
PBRG	comp-Z,7um,20.0s	102.88	10	eSdfff	Sdfff	03	10	05.9	+1.7
PBRG	comp-Z,7um,20.0s	102.88	10	eSdfff	Sdfff	03	17	06.3	+7.3
MTN	comp-Z,7um,20.0s	103.07	151	I	IAMS_20	03	41	17.6	
KARP	comp-Z,6um,22.0s	103.52	38	I	IAMS_20	03	46	37.2	
KARP	comp-Z,6um,22.0s	103.52	38	I	IAMS_20	03	46	37.2	
456A	comp-Z,5um,20.0s	104.16	308	I	IAMS_20	03	45	07.3	
456A	comp-Z,5um,20.0s	104.16	308	I	IAMS_20	03	45	07.3	
RGRI	comp-Z,9um,21.0s	104.92	119	P	Pdfff	02	58	14.0	+0.6
BKNI	comp-Z,9um,21.0s	104.97	118	I	IAMS_20	03	35	52.3	
UOSS	comp-Z,5um,21.0s	105.11	66	I	IAMS_20	03	42	25.5	
GOA	comp-Z,5um,21.0s	105.30	86	iSP	PP	03	02	42.6	+6.2
GOA	comp-Z,5um,21.0s	105.30	86	iSP	PP	03	36	13.1	
451A	comp-Z,7um,18.2s	105.52	305	I	IAMS_20	03	46	12.4	
451A	comp-Z,7um,18.2s	105.52	305	I	IAMS_20	03	46	12.4	
Y60A	comp-Z,6um,21.0s	105.69	313	I	IAMS_20	03	43	31.7	
Y60A	comp-Z,6um,21.0s	105.69	313	I	IAMS_20	03	43	31.7	
Y59A	comp-Z,6um,22.0s	105.91	312	I	IAMS_20	03	44	54.6	
Y59A	comp-Z,6um,22.0s	105.91	312	I	IAMS_20	03	44	54.6	
ZAIG	comp-Z,6um,22.0s	106.03	288	I	IAMS_20	03	39	03.3	
ZAIG	comp-Z,6um,22.0s	106.03	288	I	IAMS_20	03	39	03.3	
Y58A	comp-Z,6um,20.0s	106.12	312	I	IAMS_20	03	48	10.2	
Y58A	comp-Z,6um,20.0s	106.12	312	I	IAMS_20	03	48	10.2	
Z56A	comp-Z,6um,20.0s	106.23	310	I	IAMS_20	03	47	07.2	
Z56A	comp-Z,6um,20.0s	106.23	310	I	IAMS_20	03	47	07.2	
154A	comp-Z,9um,22.0s	106.26	308	I	IAMS_20	03	44	22.8	
154A	comp-Z,9um,22.0s	106.26	308	I	IAMS_20	03	44	22.8	
V62A	comp-Z,9um,22.0s	106.30	315	I	IAMS_20	03	46	23.8	
V62A	comp-Z,9um,22.0s	106.30	315	I	IAMS_20	03	46	23.8	
MDRS	comp-Z,9um,22.0s	106.36	93	iX	PP	03	02	40.0	-4.2
MDRS	comp-Z,9um,22.0s	106.36	93	iX	PP	03	12	06.0	
URV	comp-Z,9um,22.0s	106.51	89	ePP	PP	03	02	44.9	-0.5
URV	comp-Z,9um,22.0s	106.51	89	ePP	PP	03	34	29.1	
BRAL	comp-Z,1um,30.7s	106.53	305	I	IAMS_20	03	50	08.1	
BRAL	comp-Z,1um,30.7s	106.53	305	I	IAMS_20	03	50	08.1	
X58A	comp-Z,5um,20.0s	106.59	312	I	IAMS_20	03	48	28.5	
X58A	comp-Z,5um,20.0s	106.59	312	I	IAMS_20	03	48	28.5	
MANT	comp-Z,9um,22.0s	106.66	38	I	IAMS_20	03	43	49.4	
MANT	comp-Z,9um,22.0s	106.66	38	I	IAMS_20	03	43	49.4	
SKHT	comp-Z,9um,22.0s	106.68	92	ePP	PP	03	02	42.2	-4.3
SKHT	comp-Z,9um,22.0s	106.68	92	ePP	PP	03	35	33.1	
CNCC	comp-Z,733nm,19.5s	106.68	314	I	IAMS_20	03	44	06.0	
CNCC	comp-Z,733nm,19.5s	106.68	314	I	IAMS_20	03	44	06.0	
250A	comp-Z,6um,21.0s	106.93	306	I	IAMS_20	03	49	03.5	
250A	comp-Z,6um,21.0s	106.93	306	I	IAMS_20	03	49	03.5	
BIRD	comp-Z,8um,20.0s	107.08	311	I	IAMS_20	03	42	22.4	
BIRD	comp-Z,8um,20.0s	107.08	311	I	IAMS_20	03	42	22.4	
OSSC	comp-Z,5um,21.0s	107.11	23	I	IAMS_20	03	42	05.7	
OSSC	comp-Z,5um,21.0s	107.11	23	I	IAMS_20	03	42	05.7	
W57A	comp-Z,6um,21.0s	107.36	312	I	IAMS_20	03	49	09.9	
W57A	comp-Z,6um,21.0s	107.36	312	I	IAMS_20	03	49	09.9	
HODGE	comp-Z,6um,21.0s	107.38	310	I	IAMS_20	03	49	58.4	
HODGE	comp-Z,6um,21.0s	107.38	310	I	IAMS_20	03	49	58.4	
MYKOM	comp-Z,5um,19.0s	107.49	120	I	IAMS_20	03	36	54.1	
MYKOM	comp-Z,5um,19.0s	107.49	120	I	IAMS_20	03	36	54.1	
LHMI	comp-Z,9um,22.0s	107.51	112	I	IAMS_20	03	35	38.1	
LHMI	comp-Z,9um,22.0s	107.51	112	I	IAMS_20	03	35	38.1	
SSB	comp-Z,7um,20.0s	107.65	18	I	IAMS_20	03	42	24.5	
SSB	comp-Z,7um,20.0s	107.65	18	I	IAMS_20	03	42	24.5	
346A	comp-Z,7um,20.0s	107.71	303	I	IAMS_20	03	47	49.1	
346A	comp-Z,7um,20.0s	107.71	303	I	IAMS_20	03	47	49.1	
BOM	comp-Z,5um,22.0s	107.72	83	eX	PKIKP	03	02	36.7	+3.4
BOM	comp-Z,5um,22.0s	107.72	83	eX	PKIKP	03	12	02.3	
Y52A	comp-Z,7um,21.0s	107.73	308	I	IAMS_20	03	46	17.9	
Y52A	comp-Z,7um,21.0s	107.73	308	I	IAMS_20	03	46	17.9	
BNI	comp-Z,7um,18.0s	107.77	20	I	IAMS_20	03	44	38.6	
BNI	comp-Z,7um,18.0s	107.77	20	I	IAMS_20	03	44	38.6	</

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like PETK, BILIBINO, MAGADAN, SEYMCHAN.

ANF 11 03:01:53.9,0.3,34.10N:106.94W, h15km,2km, ML3.3/7, Error ellipse: s-maj=3.5km s-min=3.1km az=120.0

NEIC 11 03:01:54.3,1.8,34.02N:107.06W,0.4,0.4,h8km,5km, ML3.3/32, Error ellipse: s-maj=5.9km s-min=3.9km az=134.0

ISC 11 03:01:54.3,0.9,34.04N:107.03W,0.03,h12km,5km, n30,+193/42, New Mexico

Main table of station data for the first section, including IRIS PASSCAL I, ANMO, COOKES PEAK, etc.

NEIC 11 03:16:23.7,1.7,17.0N:01:147.3E,0.2,4.4km,7km, mb3.3/10, Error ellipse: s-maj=24.5km s-min=8.9km az=121.0

ISC 11 03:16:24.4,3.1,17.03N:147.23E, h46km,30km, mb3.9/18, mb1.4/1.9, mb1mx3.8/69, mbtmp4.2/19, ML4.1/1, MS4.5/1, Ms1.4.5/1, ms1mx3.4/48, Error ellipse: s-maj=24.5km s-min=14.5km az=84.0

ISC 11 03:16:24.1,0.7,17.04N:01:147.3E,0.1, h48km, n39, -067/39, mb4.3/3, Mariana Islands region

Table of station data for the second section, including GUMMO, INUYAMA, MATSUHISHO, etc.

Table of station data for the third section, including MKAR, NRIK, ILAR, NIL, BVAR, BRVK, etc.

ISC 11 03:26:39.9,1.3,32.90S:178.03W, h0km, mb4.5/3, mb1.4/6.5, mb1mx4.0/45, mbtmp4.5/5, ML4.1/2, MS5.5/2, s-min=26.6km az=138.0

NEIC 11 03:26:40.6,1.2,32.95S:02:178.1W,0.2, h10km,2km, mb4.4/9, Error ellipse: s-maj=35.5km s-min=18.0km az=133.0

ISC 11 03:26:44.2,0.8,32.76S:008:178.1W,0.2, h34km, n52, -c2252/54, mb4.5/7, South of Kermadec Islands

Table of station data for the fourth section, including GLKZ, WHRZ, TKGZ, etc.

ISC 11 04:14:33.2,14.0,19.13S:-178.70W, h654km,188km, mb3.1/3, mb1.3/4.3, mb1mx2.9/23, mbtmp4.1/3, Error ellipse: s-maj=106.8km s-min=47.4km az=132.0, Fiji Islands region

Table of station data for the fifth section, including WBE2, WRA, WRA, etc.

ISC 11 04:48:6.2,0.3,3.4S:-12.2E, h13km,14km, M3.6/8, mb3.6/1, MLV3.5/8, Sulawesi

Table of station data for the sixth section, including LUWI, TTSI, BNSI, etc.

Table of station data for the seventh section, including DZM, STKA, WRA, ASAR, FITZ.

TIR 11 04:11:13.8,41.22N:19.53E, h4km, Md2.7/4 THE 11 04:11:14.8,41.44N:19.52E, h6km,1km, ML2.3/2, Error ellipse: s-maj=3.0km s-min=1.3km az=42.0

PDG 11 04:11:15.6,60.2,41.34N:19.60E, h14km, ML2.5/1, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0

BEO 11 04:11:17.2,0.6,41.34N:19.63E, h11km,2km, ML2.1/9 ISC 11 04:11:14.8,1.2,41.32N:003:19.50E,0.03, h5km,10km, n43,+094/57, Albania

Table of station data for the eighth section, including TIR, PUK, PESHKOPIA, etc.

ISC 11 04:14:33.2,14.0,19.13S:-178.70W, h654km,188km, mb3.1/3, mb1.3/4.3, mb1mx2.9/23, mbtmp4.1/3, Error ellipse: s-maj=106.8km s-min=47.4km az=132.0, Fiji Islands region

Table of station data for the ninth section, including CTA, WRA, ASAR, etc.

TIR 11 04:15:20.4,41.17N:19.71E, h25km, Md2.8/4, Albania

Table of station data for the tenth section, including TIR, PESHKOPIA, PUK, etc.

ISC 11 04:52:42.9,2.3,38.87N:42.69E, h7km,53km, ML1.3, MW2.7

ISC 11 04:52:44.6,38.98N:43.01E, h23km, ML2.1/6 DDA 11 04:52:45.8,38.99N:42.98E, h7km,2km, ML1.5

ISC 11 04:52:45.1,0.3,38.96N:003:42.96E,0.03, h23km,9km, n20,+c114/30, Turkey

Table of station data for the eleventh section, including ADCV, BITLIS, STON, etc.

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

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

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

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

TIR 11 05:10:22.9,41.20N,-19.69E,h25km,Md2.7/4
BE0 11 05:10:25.0,0.7,41.35N,-19.58E,h9km,3km,ML2.3/13
ISC 11 05:10:23.6,1.1,41.29N,0.04,-19.52E,0.02,h11km,8km,
n49,s104/70,11C-SD,Albania
PDG 11 05:10:23.5,0.2,41.29N,-19.64E,h20km,ML2.6/11,Error
ellipse: s-maj=0.5km s-min=0.0,Albania

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR, PSH, PUK, etc.

IDC 11 05:12:31.3,19.0,4.68S,-129.51E,h160km,196km,
mb2.9/1,mb1 3.3/4,mb1mx3.1/36,mbtmp3.7/4,ML3.8/3,
Error ellipse: s-maj=144.8km s-min=53.0km az=48.0
DJA 11 05:12:38.7,0.6,5.4,-13.0E,h194km,8km,M4/7,
mb5.6/1,mb5.4/1,MLV3.87,MLV4.6/1,Mw(MB)5.1/1,
ISC 11 05:12:36.5,1.0,4.68S,-129.53E,0.05,h200km,196km,
s158B/16,Banda Sea

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

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

NEIC 11 05:14:23.4,2.9,11.45N,0.06,-87.18W,0.06,h35km,2km,
mb4.3/31,Error ellipse: s-maj=12.1km s-min=8.5km
az=227.0
INET 11 05:14:23.3,11.53N,-87.20W,h2km,ML4.2
UCR 11 05:14:24.4,1.9,11.56N,-87.26W,h35km,26km,ML3.8,
mb4.3(NEIC)
SNET 11 05:14:26.1,1.2,11.67N,-87.35W,h27km,363km,ML3.8
IDC 11 05:14:26.1,1.2,11.53N,-87.11W,h69km,27km,mb3.6/9,
mb1 3.7/12,mb1mx3.5/45,mbtmp3.8/12,Error ellipse:
s-maj=45.8km s-min=16.9km az=32.0

ISC 11 05:14:25.0,1.1,11.52N,-87.26W,0.06,h57km,11km,
n81,c1511/83,mb4.1/23,Near coast of Nicaragua

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCND, NY14, GBS3, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LRLA, GOGA, Y49A, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E43A, PDAR, REDW, etc.

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

MOS 11 05:24:17.9,1.0,43.75N,145.17E,h162km,mb4.2/7,Error
ellipse: s-maj=13.2km s-min=8.7km az=84.5
SKHL 11 05:24:19.2,0.3,43.78N,147.19E,h143km,12km,mb4.5/5,
msh5.3/4
IDC 11 05:24:19.2,1.5,43.84N,145.10E,h158km,11km,
mb3.7/11,mb1 3.9/12,mb1mx3.5/52,mbtmp4.1/12,MS3.1/1,
Ms1 3.1/1,ms1mx2.7/52,Error ellipse: s-maj=22.5km
s-min=15.6km az=159.0

JMA 11 05:24:19.1,0.1,43.72N,145.15E,h154km,1km,M3.7
JMA Felt J1
ISC 11 05:24:18.7,0.6,43.70N,0.05,145.17E,0.03,h156km,4km,
n74,c092/97,mb3.9/17,10C-177,Hokkaido region

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

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

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

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical parameters. Includes stations like FINESS Array B, H17A, ACSO Alum Creek Sta, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical parameters. Includes stations like AKASG, PCASO, SOKA, OBKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical parameters. Includes stations like LZH, YOTOCO, SOTA, etc.

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

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

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

IDC 11 06:54:37.6, 4.9, 6.88S: 127.27E, h409km, 65km, mb3.0/3, mb1 3.0/7, mb1mx2.9/31, mbtmt3.8/7, Error ellipse: s-maj=90.6km s-min=19.1km az=55.0 ISC 11 06:54:32.4, 1.1, 6.65S: 127.9E, 0.2, h350km, n7, a1560R, mb3.3/3, Banda Sea

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

11d 8h

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

WEL 11 06:55:14.6, 42°S:2°17'3E, h79km, M3.9/89, ML3.9/10, MLV3.9/89, Error ellipse: s-maj=0.0km s-min=0.0km az=87.5, South Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including THZ, NNZ, BSZW, TUWZ, QNZ, etc.

NEIC 11 07:05:19.6, 1.2, 11.4AS:0.1x13.0W:0.1, h10km, 1km, mb4.6/13, Error ellipse: s-maj=21.0km s-min=14.3km az=52.0

IDC 11 07:05:19.4, 1.2, 11.33S:13.0W, h0km, mb4.1/8, mb1.4/2.8, mb1mx3.8/38, mbtmpp4.0/8, MS3.9/27, Ms1.3/9.27, ms1mx3.8/45, Error ellipse: s-maj=40.1km s-min=23.1km az=138.0

ISC 11 07:05:20.5, 0.6, 11.4AS:0.1x13.0W:0.1, h13km, n49, s=100/24, mb4.4/13, MS3.9/26, ASCENSION Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like H10S2, H10S3, ASCN, SHEL, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BOSA, MDP, CPUP, CPUP, PAB, KEST, ESCD, LPAZ, LPAZ, PB11, PB11, PLCA, IDI, SJG, SNA, SNA, SNA, SDV, SDV, DAVOX, EIL, EIL, FLOS, FLOS, GERR, VRAC, OTAV, OTAV, MRL, BRTR, AKASG, GNI, MAW, BORG, FINES, GEYT, Vnda, UGM, ALM, AAK, TXAR, TXAR, TXAR, TXS1.

UPA 11 07:19:56.2, 2.9, 10.31N:83.00W, h26km, 36km, MW3.8, ISC 11 07:19:56.0, 1.6, 10.10N:83.11W, h24km, 3km, UCR 11 07:19:54.0, 1.5, 10.24N:105.833W:0.04, h8km, 11km, n25, 0869/39, 1D, COSTA RICA

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CN12, CN12, SJS, SJS, LRS, LRS, LCR2, EDBA, HDH, Heredia, HDH, HDH, HDH, EDLM, EDLM, EDLN, EDLN, EDSV, BRU2, BRU2, BRU2, CHGR2, CHGR2, CHGR2, BCOZ, BCOZ, PTAR3, CEDE, PTUJ, DVID, DVID, IJS, LOMA3, LOMA3, LOMA3, PEDE3, PEDE3, GMAL, GMAL, GMAL, H10N2.

IDC 11 07:22:37.8, 1.5, 32.22N:40.03W, h0km, mb3.77, mb1.3/9.7, mb1mx3.5/57, mbtmpp3.7/7, MS3.5/1, Ms1.3/5.1, ms1mx2.8/51, Error ellipse: s-maj=54.9km s-min=22.4km az=10.0

NEIC 11 07:22:40.3, 1.1, 32.3N:0.2x40.0W:0.1, h10km, 2km, mb4.6/12, Error ellipse: s-maj=29.8km s-min=19.4km az=70.0

ISC 11 07:22:39.0, 0.9, 32.2N:0.2x40.0W:0.09, h10km, n32, s=077/26, mb4.1/13, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMLZ, PMLZ, DRLN, DRLN, SDDR, J55A, J55A, R50A, R50A, SFIN, SFIN, E43A, DBIC, TOR, TOR, W41B, H10N2.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like H10N3, H10N1, H10S3, H10S2, WHTX, WHTX, AKASG, AKASG, AKASG, TXAR, TXAR, PD31, PD31, PDAR, PDAR, YKA, YKA, BRTR, BRTR, J08A, J08A, KURBB, KURBB, ZAAO, ZAAO, ZALV, ZALV.

IDC 11 07:28:36.4, 952.0, 53.26N:33.75E, h0km, Error ellipse: s-maj=355.0km s-min=108.9km az=33.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I43RU, I31KZ, I34MN.

SOME 11 07:29:50.1, 41.27N:70.85E, h0km, KRNET 11 07:29:52.0, 1.1, 41.44N:70.69E, h35km, mb2.5, ISC 11 07:29:52.0, 1.7, 41.37N:70.82E:0.05, h2km, 14km, n11, 0992/20, 15C-3D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ARK, IUG, BTk, ARSB, ARSB, KK31, MRKS, MRKS, AML, AML, EKS2, ARLS, ARLS, UCH, UCH, AAK, AAK.

IDC 11 07:45:20.0, 7.2, 22.78S:176.59W, h75km, 58km, mb3.2/4, mb1.3/6.5, mb1mx3.4/24, mbtmpp3.8/5, ML4.4/1, MS3.3/2, Ms1.3/3.2, ms1mx2.9/11, Error ellipse: s-maj=97.0km s-min=23.1km az=147.0

ISC 11 07:45:29.7, 1.6, 22.55S:0.3x176.7W:0.3, h124km, n7, s=1929/7, mb3.4/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AFI, AFI, AFI, STKA, ASAR, WRA, WRA, TXAR, AKASG.

IDC 11 07:47:58.6, 998.0, 53.12N:33.37E, h0km, Error ellipse: s-maj=374.1km s-min=117.0km az=36.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I43RU, I31KZ, I34MN.

MAN 11 08:01:40.7, 5.16N:125.77E, h29km, mb4.7, ML3.6, MS3.5, Mindanao

IDC 11 08:03:21.6, 3.2, 4.26S:102.62E, h0km, mb3.7/5, mb1.3/8.5, mb1mx3.6/39, mbtmpp3.7/5, Error ellipse: s-maj=150.5km s-min=21.7km az=56.0, DJA 11 08:03:27.0, 2.6, 4.54S:102.2E, h27km, 4km, M4.3/12, mb4.5/1, MLV4.2/12

ISC 11 08:03:25.1, 1.7, 4.52S:0.07x102.46E:0.06, h25km, 13km, n18, s=1930/24, mb3.9/5, Southern Sumatra

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like KSJ Liwa, MDSI Maura Dua, KASI Kota Agung, etc.

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

ANF 11 08:04:43.1,0.40,93NK:124.79W,h5km,ML2.6/4, Error ellipse: s-maj=8.9km s-min=4.5km az=54.0,Near coast of northern California

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like L02E Cave Junction, M02C Callahan, M02C Callahan, etc.

NEIC 11 08:05:09.0,1.9,40.72N:0.04:125.28W,0.10, h19km,11km, Error ellipse: s-maj=11.1km s-min=5.0km az=71.0

NCEDC 11 08:05:11.0,2.1,40.69N:0.03:125.19W,0.05, h11km,6km, M02,9/35, Error ellipse: s-maj=5.4km s-min=4.3km az=71.0

ANF 11 08:05:12.1,1.0,40.91N:124.81W,h0km, Error ellipse: s-maj=10.9km s-min=5.0km az=71.0

ISC 11 08:05:08.2,1.9,40.70N:0.04:125.31W,0.08, h17km,10km,n56,19/48/69, Off coast of northern California

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

Table with columns: URZ Urewera, DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES Fines Array, TORO Torodi Arr, etc.

VAO 11 08:08:43.6,2.2,15.91S:74.63W,h72km,11km,mb4.6

NEIC 11 08:08:44.6,1.8,15.87S:0.07:74.14W,0.09,h51km,6km, mb4.7/61, Error ellipse: s-maj=15.1km s-min=7.3km

IDC 11 08:08:45.1,1.8,15.85S:74.19W,h53km,16km,mb3.9/12, mb1.4/0.16,mb1mx0.0/31,mbtmp3.2/16,ML4.3,MS3.5/10, Ms1.3/10,ms1mx3.3/27, Error ellipse: s-maj=22.0km s-min=10.1km az=54.0

ISC 11 08:08:44.3,0.4,15.95S:0.05:74.26W,0.07,h49km,n136, 1/137/132,mb4.7/35,MS3.7/7,3C,Near coast of Peru

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

Table with columns: W41B Gary Mavity, W41B Gary Mavity, T49A Edmonton, U40A Yellville, U40A Yellville, etc.

WAKE ISLAND HYD 21.91 284 T T 10 41 19.0

WAKE ISLAND HYD 21.91 284 T T 10 41 25.3

WAKE ISLAND HYD 21.91 284 T T 10 41 21.9

WAKE ISLAND HYD 21.91 282 T T 10 41 20.4

WAKE ISLAND HYD 21.91 282 T T 10 41 32.8

WAKE ISLAND HYD 21.91 282 T T 10 41 24.1

ASAR Alice Springs 131.96 216 PKP PKPdf 08 27 53.5 +0.2

ASAR Alice Springs 131.96 216 PKP PKPdf 08 27 53.3 +0.1

WARRAMUNGA ARR 134.59 219 PKP PKPdf 08 27 58.0 -0.2

WARRAMUNGA ARR 134.59 219 PKP PKPdf 08 27 58.7 +0.2

ZALV Zalesovo Beam 138.71 19 PKP PKIKP 08 28 06.0 +0.9

ZALV Zalesovo Beam 138.71 19 PKP PKIKP 08 28 05.1 +0.3

MKAR Makanchi Array 143.59 27 PKP PKPbc 08 28 11.5 +0.3

MKAR Makanchi Array 143.59 27 PKP PKPbc 08 28 11.4 +0.1

SONM Songoing Array 148.20 359 PKPbc PKPbc 08 28 25.5 +0.4

SONM Songoing Array 148.20 359 PKPbc PKPbc 08 28 25.6 +0.5

LZH Lanzhou 159.87 4 ePKP PKPbc 08 28 37.0 -1.6

LZH Lanzhou 159.87 4 ePKP PKPbc 08 28 35.2 -0.8

LZH Lanzhou 159.87 4 ePKP PKPbc 08 28 35.8 -0.2

CD2 Chengdu 165.00 7 PKP PKPdf 08 28 43.4 +0.6

CD2 Chengdu 165.00 7 PKP PKPdf 08 21 48.2 -1.1

INET 11 08:15:05.9,12.79N,87.09W,h15km,ML3.5,Near coast of Nicaragua

DNK 11 08:18:41.6,3.2,79.05N:4.09E,h11km,93km,ML2.6, Error ellipse: s-maj=11.1km s-min=5.0km az=71.0

BER 11 08:18:44.8,0.8,78.92N:4.26E,h10km,ML1.9, Confirmed Earthquake,Greenland Sea

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, POO, Poona, ex, P, 11 28 11.0 -0.4, ZALV, Zalesovo Beam, 40.67 353 P, P, 11 31 31.6 +0.5

IDC 11 23:48.7±0.5, 13:56N:92:86E, h36km, mb4.4/27, mb1 4.5/29, mb1mx4.4/43, mbtmax/4.29, ML4.1/2, MS3.9/15, Me1 3.9/15, ms1mx3.7/31, Error ellipse: s-maj=14.6km s-min=12.1km az=54.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, POO, Poona, ex, P, 11 28 11.0 -0.4, ZALV, Zalesovo Beam, 40.67 353 P, P, 11 31 31.6 +0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, POO, Poona, ex, P, 11 28 11.0 -0.4, ZALV, Zalesovo Beam, 40.67 353 P, P, 11 31 31.6 +0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, POO, Poona, ex, P, 11 28 11.0 -0.4, ZALV, Zalesovo Beam, 40.67 353 P, P, 11 31 31.6 +0.5

Table with columns: PRU, Pruhonice, 21.28, 36, eP, AMS, P, 12 31 51.0, -0.5, 12 42 00.0, etc.

Table with columns: KDJ, Kaisay, 62.67, 56, P, Iamb, P, 12 37 30.7, +0.5, 12 37 44.2, etc.

Table with columns: Code, Station Name, A^, Az^, Phase ID, Time, Res, h, m, s, ISC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SKR, ALID, PAU, KDR, ASAK, MTRV, RUSK, GRL, KRMR, KRML, DALK, UGLR, AVH, KOK, KMRN, KBTR, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
URZ	Urewera	17.87	191	P	16 17 25.7	-2.8
URZ	Urewera	17.87	191	P	16 20 23.2	+0.2
URZ	Urewera	17.87	191	P	16 17 26.0	-2.5
URZ	Urewera	17.87	191	P	16 17 27.6	
URZ	Urewera	17.87	191	P	16 17 26.3	-2.2
NGRZ	Ngonopataha	17.90	194	P	16 17 29.4	+0.5
UTU	Utuhina	17.97	194	P	16 17 30.2	+0.7
MUGZ	Murupara	18.19	192	P	16 17 29.9	-1.5
RIGZ	Rimuhau	18.19	192	P	16 17 30.9	-0.6
TLZ	Tolley Road	18.27	195	P	16 17 33.8	+1.6
MHGZ	Mahia Peninsula	18.61	189	P	16 17 35.2	0.0
HIZ	Hauti	18.62	196	P	16 17 36.9	+1.6
HIZ	Hauti	18.62	196	P	16 18 12.1	
BKZ	Black Stamp Fm	18.86	192	P	16 17 34.5	-3.2
BKZ	Black Stamp Fm	18.86	192	P	16 17 54.6	
BFZ	Birch Farm	20.38	192	P	16 17 49.2	-2.0
MSWZ	Moikau Station	21.28	193	P	16 17 58.0	-1.4
SNZO	South Karori	21.30	194	P	16 17 57.8	-1.7
BHW	Baring Head	21.36	194	P	16 17 58.4	-1.6
GRZ	Quartz Range	21.43	199	P	16 18 00.2	-0.5
PLWZ	Palliser	21.47	198	P	16 17 58.2	-2.2
NNZ	Nelson	21.55	197	P	16 17 59.9	-1.8
TUWZ	Tuamarina	21.60	196	P	16 17 59.9	-2.3
BSWZ	Blackbirch Sta	21.88	195	P	16 18 04.5	-0.3
THZ	Tophouse	22.18	197	P	16 18 06.2	-1.3
THZ	Tophouse	22.18	197	P	16 18 08.1	
KHZ	Kahutara	22.63	195	P	16 18 09.2	-2.1
KHZ	Kahutara	22.63	195	P	16 18 10.3	
LTZ	Lake Taylor	23.30	197	P	16 18 14.7	-2.7
LTZ	Lake Taylor	23.30	197	P	16 18 18.1	
OXZ	Oxford	23.87	197	P	16 18 20.2	-2.2
OXZ	Oxford	23.87	197	P	16 18 21.1	
MOZ	McQueen's Vall	24.06	196	P	16 18 22.0	-2.0
MOZ	McQueen's Vall	24.06	196	P	16 18 40.6	
RPZ	Rata Peaks	24.51	198	P	16 18 27.4	-0.7
RPZ	Rata Peaks	24.51	198	P	16 18 26.0	-2.1
RPZ	Rata Peaks	24.51	198	P	16 18 19.0	-0.1
RPZ	Rata Peaks	24.51	198	P	16 18 20.0	-0.1
FOZ	Fox Glacier	24.73	201	P	16 18 28.7	-1.3
FOZ	Fox Glacier	24.73	201	P	16 18 30.9	
LBZ	Lake Benmore	25.38	199	P	16 18 34.7	-1.0
LBZ	Lake Benmore	25.38	199	P	16 19 08.8	
WKZ	Wanaka	26.15	200	P	16 18 40.9	-1.6
DCZ	Deep Cove	27.34	202	P	16 18 52.7	-0.2
DCZ	Deep Cove	27.34	202	P	16 19 42.6	
WHZ	Wether Hill Ro	27.44	201	P	16 18 53.7	0.0
EIDS	Eidsvold	28.32	255	P	16 19 01.7	-0.1
ARMA	Armidale	28.54	244	P	16 19 04.3	+0.7
ARMA	Armidale	28.54	244	P	16 19 20.5	
CAN	Canberra	31.98	236	P	16 19 33.0	-0.1
CAN	Canberra	31.98	236	P	16 20 42.2	
CTA	Charters Tower	32.99	265	P	16 19 42.0	+0.2
TOO	Toolangi	35.37	234	P	16 20 01.5	+0.1
TOO	Toolangi	35.37	234	P	16 20 12.8	
COEN	Coen	37.12	274	P	16 20 16.4	+0.3
STKA	Stephens Creek	37.26	244	P	16 20 17.4	+0.5
STKA	Stephens Creek	37.26	244	P	16 20 16.7	-0.2
BBOO	Buckleboo	42.02	244	P	16 20 54.6	-0.3
BBOO	Buckleboo	42.02	244	P	16 20 55.4	
WR0	Warramunga Arr	43.91	262	P	16 21 09.3	-0.5
WR0	Warramunga Arr	43.91	262	P	16 21 10.8	
AS31	Alice Springs	44.00	257	P	16 21 10.3	-0.3
ASAR	Alice Springs	44.00	257	P	16 21 10.6	0.0
ASAR	Alice Springs	44.00	257	P	16 26 58.3	-2.8
ASAR	Alice Springs	44.00	257	P	16 21 10.0	-0.6
WB2	Warramunga Arr	44.08	263	P	16 21 10.5	-0.6
WB2	Warramunga Arr	44.08	263	P	16 21 11.5	-0.7
WRA	Warramunga Arr	44.10	262	P	16 21 10.8	-0.5
WRA	Warramunga Arr	44.10	262	P	16 26 58.8	-3.6
WRA	Warramunga Arr	44.10	262	P	16 21 10.3	-1.0
MTN	Manton Dam	48.69	271	P	16 21 45.1	-0.9
MTN	Manton Dam	48.69	271	P	16 21 46.1	
FORT	Forrest	48.76	247	P	16 21 45.6	-0.7
FORT	Forrest	48.76	247	P	16 21 46.5	
KNRA	Kununurra	50.17	267	P	16 21 56.6	-0.2
KNRA	Kununurra	50.17	267	P	16 22 00.7	
FITZ	Fitzroy Crossi	52.52	263	P	16 22 13.7	0.0
SOEI	Soe	56.03	272	P	16 22 39.7	+1.1
PSAO	Pilbara Seismi	57.15	257	P	16 22 44.9	+1.1
VNDA	Vanda	57.63	185	P	16 22 49.9	+1.6
VNDA	Vanda	57.63	185	P	16 22 49.4	+1.2
VNDA	Vanda	57.63	185	P	16 23 50.1	
NWAO	Narogin (SRO)	57.84	243	P	16 22 50.4	-0.1
NWAO	Narogin (SRO)	57.84	243	P	16 23 37.1	
MORW	Morawa	59.30	248	P	16 22 59.9	-0.5
OSPA	South Pole Qui	66.73	180	P	16 24 03.5	+0.4
KSM	Kuching	72.97	278	P	16 24 26.2	+1.0
KSM	Kuching	72.97	278	P	16 25 36.2	
TPUB	Ta-pu	73.71	303	P	16 24 28.9	-0.3
PETK	Petrovlovsk	76.38	346	P	16 24 43.3	0.0
PETK	Petrovlovsk	76.38	346	P	16 24 44.1	+1.1
NVAR	Mina Array Bea	81.53	44	P	16 25 12.9	+1.7
NVAR	Mina Array Bea	81.53	44	P	16 25 12.5	+1.4
PINE	Pine Mountain	83.06	38	P	16 25 20.4	+1.6
SYO	Syowa Base	86.39	193j	eX	16 25 31.0	-3.2
SYO	Syowa Base	86.39	193j	eX	16 25 35.1	+0.8
F10A	Beach Ranch, E	86.48	38	P	16 25 36.1	+1.0
TX31	Lajitas Ar. Si	87.58	58	P	16 25 42.9	+1.2
TX32	Lajitas Array	87.58	58	P	16 25 42.2	+1.5
TXAR	Lajitas Array	87.58	58	P	16 25 42.9	+2.2
TXAR	Lajitas Array	87.58	58	P	16 25 42.2	+1.5
TXAR	Lajitas Array	87.58	58	P	16 25 42.2	+1.5
ILAR	Eielson Array	86.65	13	P	16 25 44.6	-0.1
ILAR	Eielson Array	86.65	13	P	16 25 44.6	-0.1
PDAR	Pinedale Array	89.46	43	P	16 25 50.4	+1.0
PDAR	Pinedale Array	89.46	43	P	16 25 49.7	+0.4
CMAR	Chiang Mai Arr	89.75	290	P	16 25 51.8	+0.9
CMAR	Chiang Mai Arr	89.75	290	P	16 25 52.3	+1.4
MKAR	Makanchi Array	111.02	313	PKIKP	16 31 20.3	-0.8
MKAR	Makanchi Array	111.02	313	PKIKP	16 31 20.7	-0.4
AKASG	Malin Array Be	142.99	331	PKHkP	16 32 18.4	
BRTR	Keskin Array B	146.65	312	PKPbc	16 32 30.3	-0.5
BRTR	Keskin Array B	146.65	312	PKPbc	16 32 29.8	-1.0
GERES	GERESS Array B	150.30	344	PKPbc	16 32 39.9	0.0
GERES	GERESS Array B	150.30	344	PKPbc	16 32 38.9	-0.5

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
STKA	Stephens Creek	38.00	243	P	17 00 55.6	-0.9
WRA	Warramunga Arr	44.44	261	P	17 01 50.4	+0.7
ASAR	Alice Springs	44.47	256	P	17 01 50.0	+0.2
FITZ	Fitzroy Crossi	52.86	262	P	17 02 53.6	-0.8
<p>CRNET 11 17:07:22.2,0.1,41.74N;79.67E,h13km,mb2.5 SOME 11 17:07:22.2,41.92N;79.73E,h5km ISC 11 17:07:21.2,2.5,41.88N;0.08,79.73E,0.07,h1km,±13km, n18,r1540/36,8C-4D,Kyrgyzstan-Xinjiang border region</p>						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PRZ	Przeval'sk	1.16	302	Op	17 07 44.9	+0.2
PRZ	Przeval'sk	1.16	302	Op	17 08 01.7	+0.4
SHLS	Shalkode	1.29	351	eP	17 07 46.7	+0.7
SHLS	Shalkode	1.29	351	eP	17 08 04.5	0.0
UZB	Uzymbulak	1.37	338	eP	17 07 48.4	+0.9
UZB	Uzymbulak	1.37	338	eP	17 08 06.9	+1.6
KPKS	Kokpek	1.76	334	eP	17 07 55.3	+0.3
KPKS	Kokpek	1.76	334	eP	17 08 18.9	+1.0
ANVS	Anan'yev	1.78	301	Op	17 07 56.1	+0.8
ANVS	Anan'yev	1.78	301	Op	17 08 20.7	+2.4
KDJ	Kajisay	1.92	278	Op	17 07 58.0	+0.9
KDJ	Kajisay	1.92	278	Op	17 08 23.0	+1.1
KURS	Kuram	1.98	325	eP	17 07 59.1	0.0
KURS	Kuram	1.98	325	eP	17 08 25.9	+1.2
MDOK	Medeo	2.36	304	eP	17 08 05.5	+0.9
MDOK	Medeo	2.36	304	eP	17 08 36.9	-0.3
TNSS	Tian-Shan	2.36	300	eP	17 08 06.4	-0.1
TNSS	Tian-Shan	2.36	300	eP	17 08 38.1	+0.9
DJR	Jarkent	2.45	1	eP	17 08 06.8	+0.7
DJR	Jarkent	2.45	1	eP	17 08 38.9	-1.1
ULHL	Ul'hol	2.63	279	Op	17 08 08.1	-1.1
ULHL	Ul'hol	2.63	279	Op	17 08 41.9	-0.1
ARXS	Arhary	2.72	330	eP	17 08 12.1	-1.2
ARXS	Arhary	2.72	330	eP	17 08 47.7	-0.8
NRN	Naryn	2.83	262	Op	17 08 10.1	+2.2
NRN	Naryn	2.83	262	Op	17 08 45.2	-2.8
BOOM	Boomsokoye usch	2.88	283	Op	17 08 11.3	-2.2
BOOM	Boomsokoye usch	2.88	283	Op	17 08 47.3	-2.1
KTBS	Karatobe	2.90	310	eP	17 08 15.5	-1.3
KTBS	Karatobe	2.90	310	eP	17 08 53.7	-0.6
KST	Kstpek	3.02	294	eP	17 08 17.6	+1.7
KST	Kstpek	3.02	294	eP	17 08 57.3	-1.0
KUU	Kury	3.21	310	eP	17 08 20.1	+1.2
KUU	Kury	3.21	310	eP	17 09 01.9	-2.3
KAPS	Kapalarasan	3.42	356	eP	17 08 24.8	-1.9
KAPS	Kapalarasan	3.42	356	eP	17 09 09.0	-1.9
<p>TAP 11 17:34:10.5,24.81N;121.57E,h79km,ML2.6,6C,A,</p>						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NWLT	Wulai	0.07	246	iP</		

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KASI, MDSI, KSI, KRJI, etc.

ANF 11 17:49:21.3, 0.6, 35.88N, 97.37W, h0km, ML3.5, Error ellipse: s-maj=7.6km s-min=2.3km az=157.0

TUL 11 17:49:21.5, 2.2, 35.95N, 0.02, 97.40W, 0.03, h4km, 6km, ML2.9, Error ellipse: s-maj=4.2km s-min=2.4km az=116.0

NEIC 11 17:49:21.2, 1.4, 35.98N, 0.02, 97.39W, 0.04, h5km, 2km, Error ellipse: s-maj=5.6km s-min=3.0km az=110.0

ISC 11 17:49:21.2, 1.3, 35.97N, 0.03, 97.39W, 0.04, h6km, 10km, n53, c1505/65, Oklahoma

Main table of station data for Oklahoma region, including stations like ADOK, OKFA, OKCWA, etc.

SJA 11 18:28:04.6, 0.4, 26.38S, 70.95W, h30km, ML3.2, MW3.2

GUC 11 18:28:04.9, 0.9, 26.37S, 70.92W, h43km, 3km, ML3.6

ISC 11 18:28:05.7, 1.8, 26.30S, 0.03, 71.00W, 0.09, h23km, 13km, n33, c1949/42, ID off coast of northern Chile

Table of station data for Chile region, including stations like AC01, GO03, GO02, etc.

Table of station data for Chile region, including stations like AGUA, PB04, AROD, etc.

DSN 11 18:41:43.1, 1.7, 26.53N, 58.03E, h15km, ML3.8/6, Error ellipse: s-maj=21.9km s-min=13.5km az=151.0

TEH 11 18:41:44.1, 2.6, 59N, 57.84E, h15km, ML3.5

OMAN 11 18:41:49.0, 1.6, 26.22N, 57.65E, h5km, 23km, m3, 1/7, Error ellipse: s-maj=98.3km s-min=19.9km az=289.0

ISC 11 18:41:44.2, 1.9, 26.53N, 0.04, 57.85E, 0.08, h14km, 12km, n32, c1927/40, Southern Iran

Main table of station data for Chile region, including stations like NIAN, BANOH, BANOM, etc.

NEIC 11 18:45:28.0, 2.0, 22.77S, 0.06, 68.55W, 0.09, h18km, 2km, mb4.6/8, ML4.0(GUC), Error ellipse: s-maj=12.3km s-min=7.9km az=100.0

ISC 11 18:45:27.5, 0.7, 22.89S, 68.59W, h12km, 6km, mb3.9/5, s-maj=3.8/6, mb1m3.5/32, mbtmp4, 1/8, Error ellipse: s-maj=22.5km s-min=17.1km az=64.0

SJA 11 18:45:28.3, 0.8, 22.70S, 68.63W, h126km, 7km, ML3.8, MW3.8

GUC 11 18:45:28.9, 0.6, 22.67S, 68.66W, h132km, 4km, ML4.0

ISC 11 18:45:28.1, 0.6, 22.73S, 0.04, 68.56W, 0.04, h122km, 5km, n63, c1974/10, mb4.2/7, 14C-2D, Northern Chile

Main table of station data for Chile region, including stations like LVC, PB06, PB15, etc.

Main table of station data for Chile region, including stations like PB07, PB02, PB02, etc.

PRU 11 18:50:47.7, 0.0, 43.14N, 22.08E, h0km

SOF 11 18:50:48.1, 4.3, 12N, 22.04E, h4km, MD3.5

PDG 11 18:50:49.0, 0.4, 43.16N, 21.99E, h15km, ML3.0/12, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

SKO 11 18:50:49.5, 4.3, 15N, 22.00E, h3km

THE 11 18:50:49.5, 4.3, 15N, 22.00E, h1km, 5km, ML3.0/4, Error ellipse: s-maj=8.9km s-min=0.9km az=4.0

BEO 11 18:50:49.2, 0.2, 43.17N, 21.99E, h4km, 2km, ML3.1/17

ISC 11 18:50:48.7, 1.1, 43.16N, 0.01, 22.01E, 0.02, h3km, 9km, n125, c1925/192, 46C-19D, Northwestern Balkan Peninsula

Table of station data for Balkan Peninsula region, including stations like BARJ, ZAVO, BOVS, etc.

2014 MAR

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like VTS Vitosh, KUBS Kucevo, BAIB Bailesti, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like TRPA Tarpa, BURAR Bucovina Array, DUGI Dugi Otok, etc.

ADC 11 18:58:40.0.5.7, 18:30S-177.71W, h538km, 51km, mb2.6/3, mb1.3, 1.4, mb1mx2.8/35, mbmt3.8/4, Error ellipse: s-maj=239.9km s-min=21.4km az=157.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Alice Springs, WRA Warramunga Arr, etc.

ADC 11 19:07:46.8-1.8, 43:65N-105:35W, h0km, mb1 3.6/3, mb1mx3.3/41, mbmt3.4/3, ML3.4/3, Error ellipse: s-maj=49.2km s-min=8.7km az=150.0, NEIC 11 19:07:47.7-1.9, 43:64N-105:105W, h0km, 2km, ML3.4/02, Error ellipse: s-maj=9.4km s-min=6.4km

ISC 11 19:07:46.6-0.9, 43:63N-107:105W, h0km, n76, r157.5, Wyoming

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, RWWY Rawlins, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like TCUT Toone Canyon, EGMT Eagleton, JLU Jordanelle, etc.

NEIC 11 19:21:39.2.0.2.2, 40:63N-105:125W, h0km, 5km, Error ellipse: s-maj=8.2km s-min=5.4km az=209.0, NCECD 11 19:21:41.4, 2.4, 40:65N-105:125W, h0km, 8km, ML3.1/14, Error ellipse: s-maj=9.2km s-min=5.6km

ANF 11 19:21:42.5.1.6, 40:82N-124:95W, h0km, ML3.0/10, Error ellipse: s-maj=13.6km s-min=8.6km az=64.0, ISC 11 19:20:40.1-1.9, 40:65N-104:125W, h0km, n16km, n76, r135/87, Off coast of northern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like KCTM Capetown, KMPM Mount Pierce, KSMN Slide Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I07A, G06A, J08A, etc.

CNRM 11 19:42:02.7, 0.35, 35N, 5.78W, h81km, 6km, Error ellipse: s-maj=7.0km s-min=4.1km az=68.0

INMG 11 19:42:05.4, 1.4, 35, 35N, 5.70W, h31km, 10km, ML2.0, Error ellipse: s-maj=4.4km s-min=3.0km az=72.0

SFS 11 19:42:05.0, 35, 55N, 5.68W, h5km, ML1.8, DAR CHAQUI (MARUUECCS)

MDD 11 19:42:06.6, 1.6, 35, 38N, 5.73W, h61km, 13km, mb3.5/4, Error ellipse: s-maj=15.1km s-min=8.3km az=2.0, PRXIMO

IGIL 11 19:42:07.0, 35, 34N, 5.70W, h31km, ML2.1, ISC 11 19:42:04.4, 1.2, 35, 36N, 0.03, 5.71W, 0.04, h71km, 8km, n50, c128/79, 1C, Strait of Gibraltar

Main table of station data for the left column, including codes like CHEFC, SMIR, RSA, etc.

ATH 11 19:49:09.4, 36, 31N, 21.16E, h23km, 4km, ML1.8/1, Error ellipse: s-maj=6.3km s-min=2.0km az=36.0, Southern Greece

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

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

MAN 11 19:57:37.0, 3, 47N, 124.91E, h476km, mb4.3, ML3.1, MS2.8

NEIC 11 19:57:41.1, 1.9, 4, 25N, 0.07, 124.0E, 0.2, h460km, 10km, mb4.2/18, Error ellipse: s-maj=22.6km s-min=7.1km az=72.0

IDC 11 19:57:43.7, 4.7, 4, 31N, 124.32E, h496km, 77km, mb2.8/5, mb1.3/0.6, mb1mx2.6/4, mbtm3.8/6, Error ellipse: s-maj=90.2km s-min=17.4km az=74.0

ISC 11 19:57:41.2, 0.6, 4, 18N, 0.06, 123.91E, 0.10, h450km, n37, c121/39, mb4.0/11, 1C, Celebes Sea

Main table of station data for the middle column, including codes like SKMP, DDMP, KCP, etc.

NIED 11 20:04:00, 35, 80N, 140, 10E, h68km, Mw4.6 Best double couple: M1:9, 60000; N1:9, 11, 9, 6, 00000; S:65, 00000; T:1, 04, 00000; NP2:1, 00000; R:29, 00000; L:62, 00000

MOS 11 20:04:29.6, 1.3, 35, 75N, 140, 21E, h58km, mb4.7/19, Error ellipse: s-maj=6.9km s-min=4.2km az=100.7

NEIC 11 20:04:31.4, 2.1, 35, 72N, 140, 06, 14E, 0.08, h59km, 5km, mb5.0/122, Error ellipse: s-maj=9.9km s-min=8.1km az=79.0

BUI 11 20:04:31.6, 0.0, 35, 71N, 140, 24E, h96km, mb4.9/37, mb4.5/55

JMA 11 20:04:32.7, 0.2, 35, 80N, 140, 10E, h66km, 2km, M4.4 Broadband fault plane solution: P waves. NP1: 0.178, 0.0000; S2:1, 00000; L85, 00000; NP2:0.4, 00000; S:65, 00000; R:92, 00000; Principal axes: T: P166, 0000; Azm:277, 0000; N: P12, 0000; Azm:183, 0000; P: P124, 0000; Azm:92, 0000

JMA Felt III J1, IDC 11 20:04:33.1, 1.4, 35, 72N, 140, 07E, h73km, 10km, mb3.9/40, mb1.4/0.43, mb1mx4.0/65, mbtm4.3/43, MS3.5/16, Ms1.3/5.16, ms1mx3.3/40 Error ellipse: s-maj=11.3km s-min=10.1km az=72.0

GCMT 11 20:04:35.4, 0.5, 35, 83N, 0.03, 140, 25E, 0.04, h59km, 2km, MW4.7/57, Moment Tensor Solution. s24, c28; s57, c79; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1: 62.1; Mw: 0.24; Ms: 1.42; 0.7; Mw: 0.01; 0.6; Mw: 0.04; 0.5; Ms: 0.54; 0.5; Best double couple: M: 1.61400; 1016; N: 1.183, 0000; R: 1.33, 0000; L: 92, 0000; NP2: 0.1, 0000; S: 85, 0000; A: 89, 0000; Principal axes: T: 1.7140, P166, 0000; Azm:266, 0000; N: -0.2030, P1: 1.5150, Azm:2, 0000; Azm:92, 0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 11 20:04:31.5, 0.5, 35, 77N, 0.03, 140, 14E, 0.04, h63km, 4km, n365, c1569/399, mb4.7/124, 19C-23D, Near east coast of eastern Honshu

Main table of station data for the middle column, including codes like Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSMT, TOK, JCN, etc.

Main table of station data for the right column, including codes like MJAR, MAJO, Matsu, 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 HYB Hyderabad, AS31 Alice Springs, ASAR Alice Springs, 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 ULM Lac du Bonnet, GZGR Gura Zlata, GZRR Gura Zlata, 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 CONA Conrad Observa, BRG Berggiesshubel, GECZ GERESS Array S, etc.

IPEC 11 20:07:48.9 ± 0.2, 50.226N, 18.78E, hOkm: 1km, ML2 6/3, Error ellipse: s-maj=2.3km s-min=1.1km az=168.0, IDG 11 20:07:49.2 ± 0.1, 50.141N, 18.83E, hOkm, mb1 3.7/4, mb1mx3.2/5.3, mbmp3.5/4, ML2 7/4, Error ellipse: s-maj=36.2km s-min=8.5km az=133.0, PRU 11 20:07:49.6 ± 0.0, 50.222N, 18.77E, hOkm, BGR 11 20:07:49.7 ± 0.3, 50.212N, 18.77E, hOkm, ML0 1/0, Error ellipse: s-maj=6.7km s-min=3.3km az=0.0, VIE 11 20:07:53.0 ± 0.1, 3.50, 23N, 18.26E, hOkm, mb2 3/2, ml2 7/3, Error ellipse: s-maj=12.6km s-min=6.8km az=62.0 4/3 N of Ostrava Suspected Mining Induced.

BUI 11 20:12:42.8 ± 0.0, 38.45N, 93.07E, hOkm, mB4.6/1.1, mb4.3/2.5, ML4.4/1.3, Ms3.9/2.3, M5.7 3.8/1.9, IDC 11 20:12:42.3 ± 0.6, 38.41N, 93.13E, hOkm, mb4 1/2/6, mb1 4.2/8.1, mb1mx4.1/5.1, mbmp4.1/2.9, ML3.2/3, MS2.8/1, Ms1 2.2/1, ms1mx2.5/3.9, Error ellipse: s-maj=16.2km s-min=12.2km az=38.0, NEIC 11 20:12:44.1 ± 0.1, 38.33N, 92.07E, hOkm, 1.15km, 3km, mb4 6/6/5, Error ellipse: s-maj=11.8km s-min=9.7km az=64.0, MOS 11 20:12:45.1 ± 1.7, 38.32N, 92.75E, h35km, mb4.7/1.9, Error ellipse: s-maj=7.7km s-min=5.2km az=119.1, ISC 11 20:12:43.7 ± 0.3, 38.40N, 0.05, 92.94E, 0.04, h10km, n192, c1833/202, mb4.5/4, 14C-3D, Qinghai

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Ostrava-Krasne, Ojcv Ojcv, Ojvc Ojvc, 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 Gaotai, WMQ Urumqi, WMQ Urumqi, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MMRI Maumere, MRSI Marisa, FITZ Fitzroy Crossi, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like YHNB Yeheng, TATO Taipei, KSM Kuching, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like QIZ comp=Z,7.1um,3.7s, QIZ comp=Z,7.1um,22.4s, etc.

DL2	S	S	22 19 00.9	+2.6	
DL2	comp=Z,91nm,1.3s	pmax	pmax		
DL2	comp=Z,2µm,6.8s	LR	LR		
DL2	comp=Z,12µm,19.1s	LR	LR		
DL2	comp=Z,12µm,21.4s	LR	LR		
DL2	comp=Z,20µm,21.4s	LR	LR		
TIA	Tai'an	48.99 326	P S	22 11 58.0 -0.4	
TIA	TIA		P S	22 19 03.3 +1.0	
TIA	comp=Z,48nm,1.9s	pmax	pmax		
TIA	comp=Z,2µm,7.1s	LR	LR		
TIA	comp=Z,12µm,20.1s	LR	LR		
TIA	comp=Z,13µm,19.6s	LR	LR		
TIA	comp=Z,22µm,20.1s	LR	LR		
TEY	Ternei	49.19 349	eP	22 11 59.8 0.0	
TEY	comp=Z,20nm,1.3s	pmax	pmax		
USA0B	Ussuriysk Arra	49.48 344	eP	22 12 02.1 +0.1	
USA0B	Ussuriysk Arra	49.48 344	IAMB	22 12 26.0	
USRK	Ussuriysk Ar.	49.48 344	P	22 12 02.3 +0.3	
USRK	comp=Z,38nm,0.9s,baz=164,slow=7.0,SNR=33	LR	LR	22 20 44.5	
USRK	Ussuriysk Ar.	49.48 344	P	22 12 01.6 -0.4	
SISI	Saibi	49.50 271	P	22 12 01.8 -0.9	
RPSI	Rantau Prapat	50.00 276	P	22 12 05.2 -1.3	
RPSI	Rantau Prapat	50.00 276	IAMB	22 12 21.4	
PSI	Prapat	50.01 276	P	22 12 05.2 -1.6	
SLVN	Son La	50.08 301	IAMB	22 12 32.1	
GYA	Guiyang	50.11 309	iP	22 12 08.0 +0.7	
GYA	comp=Z,1µm,4.0s	PcP	PcP	22 13 28.3 +1.5	
GYA	comp=Z,1µm,5.6s	PP	PP	22 14 04.0 +1.4	
GYA	comp=Z,4µm,15.1s	ScP	ScP	22 17 23.8 +1.6	
GYA	comp=Z,10µm,18.7s	S	S	22 19 19.6 +1.1	
GYA	comp=Z,10µm,18.7s	ScS	ScS	22 21 58.3 -0.3	
GYA	comp=Z,70nm,0.9s	SS	SS	22 22 48.0 -4.0	
YSS	Yuzh-Sakhalins	50.20 355	eP	22 12 07.6 +0.2	
YSS	comp=Z,60nm,1.1s	eSP	S	22 12 13.1 -0.6	
YSS	comp=N,700nm,4.0s	eS	S	22 19 14.0 -4.7	
YSS	comp=Z,1µm,4.0s	eS	SS	22 19 20.8 -3.4	
YSS	comp=Z,1µm,4.0s	eSS	SS	22 22 48.0 -4.4	
SNY	Shenyang	50.25 336	iP	22 12 06.8 -1.1	
SNY	comp=Z,275nm,1.6s	PP	PP	22 12 13.1 -0.6	
SNY	comp=Z,95nm,2.4s	S	S	22 19 15.9 -3.7	
SNY	comp=Z,3µm,8.4s	pmax	pmax		
SNY	comp=Z,9µm,20.6s	LR	LR		
SNY	comp=Z,7µm,19.5s	LR	LR		
SNY	comp=Z,18µm,31.4s	LR	LR		
MDJ	Mudanjiang	50.54 342	P	22 12 10.7 +0.6	
MDJ	comp=Z,18µm,31.4s	pP	pP	22 12 13.7 -1.0	
MDJ	comp=Z,3µm,8.4s	sP	S	22 12 15.0 -1.4	
MDJ	comp=Z,9µm,20.6s	S	S	22 19 26.4 +2.7	
MDJ	comp=Z,33nm,1.2s	sS	sS	22 19 31.2 +0.2	
MDJ	comp=Z,2µm,11.1s	pmax	pmax		
MDJ	comp=Z,8µm,26.5s	LR	LR		
MDJ	comp=Z,6µm,26.2s	LR	LR		
CN2	Changchun	51.20 339	eP	22 12 14.8 -0.2	
CN2	comp=Z,18µm,22.4s	eS	S	22 19 34.3 +1.5	
CN2	comp=Z,2µm,5.0s	eS	pmax	22 19 38.9 +0.7	
CN2	comp=Z,9µm,22.5s	LR	LR		
CN2	comp=Z,9µm,22.5s	LR	LR		
CN2	comp=Z,8µm,23.4s	LR	LR		
LHMI	Lhok Sumawe	52.27 279	P	22 12 25.8 +2.2	
LHMI	comp=Z,6µm,comp=Z,139nm,1.5s	IAMB	IAMB	22 12 53.0	
BJT	Baijiatou	52.28 329	IAMS_20	IAMS_20	22 34 55.8
BJT	comp=Z,324nm,1.9s	P	P	22 12 23.0 -0.3	
BJI	Beijing	52.29 329	S	22 19 48.6 +0.6	
BJI	comp=Z,14µm,18.0s	pmax	pmax		
BJI	comp=Z,2µm,5.3s	LR	LR		
BJI	comp=Z,11µm,20.2s	LR	LR		
BJI	comp=Z,6µm,27.5s	LR	LR		
BJI	comp=Z,17µm,31.4s	LR	LR		
XAN	Xi'an	52.60 318	P	22 12 25.2 -0.6	
XAN	comp=Z,8µm,23.4s	PP	PP	22 14 22.6 -2.4	
XAN	comp=Z,2µm,5.0s	S	SS	22 19 51.0 -1.6	
XAN	comp=Z,8µm,23.4s	SS	SS	22 23 28.9 -2.3	
XAN	comp=Z,83nm,1.3s	pmax	pmax		
XAN	comp=Z,2µm,8.6s	LR	LR		
XAN	comp=Z,11µm,17.3s	LR	LR		
XAN	comp=Z,5µm,17.4s	LR	LR		
XAN	comp=Z,16µm,20.1s	LR	LR		
XAN	comp=Z,171nm,1.3s	IAMB	IAMB	22 12 55.0	
XAN	comp=Z,17µm,20.0s	IAMS_20	IAMS_20	22 32 14.0	
KMI	Kunming	52.63 305	P	22 12 27.9 +1.6	
KMI	comp=Z,1µm,1.3s	S	S	22 19 53.3 -0.2	
KMI	comp=Z,64nm,2.0s	SS	SS	22 23 28.2 -4.0	
KMI	comp=Z,2µm,6.8s	pmax	pmax		
KMI	comp=Z,5µm,20.2s	LR	LR		
KMI	comp=Z,6µm,19.3s	LR	LR		
KMI	comp=Z,10µm,18.4s	LR	LR		
MLSJ	Meulaboh Aceh	52.68 278	P	22 12 24.8 -1.8	
MLSJ	comp=Z,5µm,comp=Z,196nm,1.1s	P	P	22 12 27.1 +0.4	
TIY	Taiyuan	52.73 324	eP	22 14 25.3 -0.8	
TIY	comp=Z,1µm,5.4s	PP	PP	22 19 53.2 -1.0	

TIY	comp=Z,1µm,5.4s	SS	SS	22 23 29.9 -3.2	
TIY	comp=Z,11µm,17.2s	pmax	pmax		
TIY	comp=Z,4µm,11.0s	LR	LR		
TIY	comp=Z,20µm,24.5s	LR	LR		
RAR	Rarotonga	53.26 114	P	22 12 32.2 +1.5	
CM31	Chiang Mai Arr	53.41 296	P	22 12 34.5 +2.5	
CM31	Chiang Mai Arr	53.41 296	P	22 12 31.3 -0.6	
CM31	comp=Z,119nm,1.1s	IAMB	IAMB	22 12 38.5	
CMAR	Chiang Mai Arr	53.41 296	P	22 12 32.9 +1.0	
CMAR	comp=Z,40nm,0.8s,baz=116,slow=6.1,SNR=84	LR	LR	22 35 24.7	
CMAR	comp=Z,3µm,18.8s,baz=116,slow=36	LR	LR	22 43 10.5	
CMAR	comp=Z,1.9nm,0.7s,baz=289,slow=2.8,SNR=9.7	PKP2bc	PKP2bc	22 12 32.4 +0.5	
CMAR	Chiang Mai Arr	53.41 296	P	22 12 31.5 -1.2	
CHTO	Chiang Mai	53.52 296	pmax	pmax	
CHTO	comp=Z,148nm,1.4s	MLR	MLR		
CHTO	comp=Z,6µm,22.0s	MLR	MLR		
CHTO	Chiang Mai	53.52 296	P	22 12 31.5 -1.2	
CHTO	comp=Z,148nm,1.4s	IAMB	IAMB	22 12 38.9	
SKR	Severo-Kuril's	54.05 6	P	22 12 33.1 -2.9	
SKR	comp=Z,56nm,1.2s	ePPP	PPP	22 14 35.3	
SKR	comp=Z,400nm,5.2s	eS	ScS	22 20 13.1 +1.6	
SKR	comp=Z,56nm,1.2s	eSS	ScS	22 22 27.4 +2.7	
SKR	comp=Z,400nm,5.2s	pmax	pmax		
SKR	comp=Z,700nm,4.4s	pmax	pmax		
SKR	comp=Z,600nm,6.2s	pmax	pmax		
SKR	comp=Z,200nm,5.9s	pmax	pmax		
SKR	comp=Z,4µm,17.0s	MLR	MLR		
SKR	comp=Z,4µm,18.0s	MLR	MLR		
TYV	Tymovskoe	54.08 355	eP	22 12 37.4 +1.1	
TYV	comp=Z,2µm,5.7s	eS	SS	22 20 16.3 +4.3	
TYV	comp=Z,56nm,1.1s	pmax	pmax		
TYV	comp=Z,56nm,1.1s	SMAX	SMAX		
TYV	comp=Z,2µm,5.7s	pmax	pmax		
TYV	comp=Z,56nm,1.1s	SMAX	SMAX		
KLR	Kul'dur	54.22 346	P	22 12 37.2 -0.1	
KLR	comp=Z,37nm,1.0s,baz=170,slow=5.6,SNR=37	eP	eP	22 12 37.7 +0.4	
KLR	Kul'dur	54.22 346	eP	22 12 37.7 +0.4	
CD2	Chengdu	54.53 312	iP	22 12 39.4 -0.6	
CD2	comp=Z,10µm,26.2s	sP	PP	22 12 48.9 +1.7	
CD2	comp=Z,10µm,26.2s	PP	PP	22 14 37.8 -4.7	
CD2	comp=Z,10µm,26.2s	S	S	22 20 09.7 -9.2	
CD2	comp=Z,10µm,26.2s	ScS	ScS	22 22 30.2 +1.0	
CD2	comp=Z,10µm,26.2s	SS	SS	22 23 57.7 -4.1	
CD2	comp=Z,10µm,26.2s	pmax	pmax		
CD2	comp=Z,4µm,7.9s	LR	LR		
CD2	comp=Z,30µm,17.7s	LR	LR		
CD2	comp=Z,36µm,19.6s	LR	LR		
CD2	comp=Z,41µm,22.2s	LR	LR		
GRNR	Gornyy	54.76 351	iP	22 12 42.2 +1.0	
GRNR	comp=Z,30nm,1.3s	eS	ScS	22 20 26.4 +5.3	
GRNR	comp=Z,30nm,1.3s	eSS	ScS	22 22 20.4 -9.4	
GRNR	comp=Z,30nm,1.3s	pmax	pmax		
GRNR	comp=N,2.0nm,1.2s	SMAX	SMAX		
HHC	Hu-ho-hao-te	55.35 326	eP	22 12 45.8 0.0	
HHC	comp=N,2.0nm,1.2s	pP	P	22 12 50.7 +0.3	
HHC	comp=N,2.0nm,1.2s	PP	PP	22 14 49.2 -0.5	
HHC	comp=N,2.0nm,1.2s	S	S	22 20 26.0 -3.6	
HHC	comp=N,2.0nm,1.2s	ScS	ScS	22 22 35.7 +1.0	
HHC	comp=N,2.0nm,1.2s	SS	SS	22 24 13.2 -1.2	
HHC	comp=N,3µm,5.3s	pmax	pmax		
HHC	comp=N,8µm,16.7s	LR	LR		
HHC	comp=N,5µm,16.9s	LR	LR		
HHC	comp=N,9µm,16.5s	LR	LR		
BTO	Baotou	56.05 325	eP	22 12 51.6 +0.8	
BTO	comp=Z,1µm,11.7s	S	S	22 20 40.3 +1.3	
NKL	Nikolayevsk	56.53 354	eP	22 12 54.0 +0.2	
NKL	comp=Z,49nm,1.3s	e	e	22 13 50.2	
NKL	comp=Z,49nm,1.3s	pmax	pmax		
NKL	comp=N,7.0nm,0.8s	pmax	pmax		
NKL	comp=E,4.0nm,0.7s	pmax	pmax		
NKL	comp=Z,365nm,3.6s	pmax	pmax		
PEA0B	Petropavlovsk-	56.61 7	P	22 12 53.4 -1.1	
PEA0B	comp=Z,334nm,1.6s	pmax	pmax		
PEA0B	comp=Z,13µm,22.0s	MLR	MLR		
PEA0B	Petropavlovsk-	56.61 7	P	22 12 53.4 -1.1	
PEA0B	Petropavlovsk-	56.61 7	P	22 12 54.7 +0.2	
PETK	comp=Z,39nm,0.9s,baz=169,slow=6.9,SNR=19	LR	LR	22 33 43.6	
PETK	Petropavlovsk	56.65 7	eP	22 12 57.4 +2.8	
PET	comp=Z,1µm,11.7s	pmax	pmax		
PET	comp=Z,76nm,1.3s	pmax	pmax		
PET	comp=Z,8µm,18.0s	MLR	MLR		
PET	Petropavlovsk	56.65 7	P	22 12 53.1 -1.5	
PET	comp=Z,118nm,1.3s	IAMB	IAMB	22 13 07.5	
LZH	Lanzhou	57.19 317	iP	22 13 00.0 +0.9	
LZH	comp=Z,11µm,19.0s	pP	PP	22 13 03.2 -0.5	
LZH	comp=Z,11µm,19.0s	PP	PP	22 15 07.6 +1.3	
LZH	comp=Z,11µm,19.0s	S	S	22 20 53.4 -0.9	
LZH	comp=Z,11µm,19.0s	sS	sS	22 21 01.9 -0.1	
LZH	comp=Z,11µm,19.0s	SS	SS	22 24 43.7 0.0	
LZH	comp=Z,120nm,1.3s	pmax	pmax		
LZH	comp=Z,2µm,6.8s	LR	LR		
LZH	comp=Z,8µm,17.0s	LR	LR		
LZH	comp=Z,9µm,17.2s	LR	LR		
LZH	comp=Z,12µm,22.0s	LR	LR		
PBA	Pori Blai	57.46 286	eP	22 13 03.1 +2.0	
DGPR	DIGLIPUR	57.59 288	ex	22 13 00.9 -1.2	
DGPR	comp=Z,33nm,0.9s	IAMB	IAMB	22 13 20.6	
OPA	Opana	57.76 62	IAMS_20	IAMS_20	22 33 45.5
HIA	Hailar	57.92 338	IAMB	IAMB	22 13 07.8
KHLH	Kahului Airpor	58.92 63	IAMS_20	IAMS_20	22 35 11.8
KHLU	Kahului u	59.02 65	IAMS_20	IAMS_20	22 35 38.3
HLK	Haleakala	59.04 64	IAMS_20	IAMS_20	22 36 47.0
KHU	Kahuku	59.18 65	IAMS_20	IAMS_20	22 34 38.5
MLOA	Mauna Loa Obs	59.30 65	IAMS_20	IAMS_20	22 35 46.5

HPAH	Hawaii Prepara	59.32 65	IAMS_20	IAMS_20	22 33 48.2
POHA	Pohakuloa	59.40 65	IAMS_20	IAMS_20	22 34 53.2
ZEA	Zeya	59.47 345	eP	P	22 13 14.4 -0.1
ZEA	comp=Z,16µm,19.0s	e	S	22 17 02.0	
ZEA	comp=Z,16µm,19.0s	eS	S	22 21 22.0 -1.1	
ZEA	comp=Z,16µm,19.0s	ePS	S	22 21 44.0	
ZEA	comp=E,29nm,1.2s	pmax	pmax		
ZEA	comp=N,130nm,1.4s	pmax	pmax		
ZEA	comp=Z,200nm,1.4s	pmax	pmax		
ZEA	comp=Z,2µm,8.0s	pmax	pmax		
ZEA	comp=E,400nm,7.0s	pmax	pmax		
ZEA	comp=Z,1µm,7.0s	pmax	pmax		
ZEA	comp=N,500nm,6.0s	SMAX	SMAX		
ZEA	comp=E,2µm,10.0s	SMAX	SMAX		
ZEA	comp=N,3µm,13.0s	SMAX	SMAX		
ZEA	comp=Z,7µm,17.0s	MLR	MLR		
ZEA	comp=E,2µm,16.0s	MLR	MLR		
ZEA	comp=N,5µm,17.0s	MLR	MLR		
KOHI	KOHI	60.05 302	eP	IAMB	22 13 17.7 -1.6
KOHI	comp=Z,293nm,1.6s	IAMB	IAMB	22 13 29.5	
KOHI	comp=Z,293nm,1.6s	iX	X	22 21 47.6	
BRDH	Bariadhala	61.21 298	P	P	22 13 28.3 +1.3
BRDH	comp=Z,60nm,0.3s,baz=91,slow=8.8,SNR=11	P	P	22 13 30.2 +0.3	
GTA	Gaotai	61.66 319	iP	P	22 13 35.3 +0.8
GTA	comp=Z,2µm,5.4s	pP	pP	22 13 38.7 +1.5	
GTA	comp=Z,2µm,5.4s	pP	pP	22 15 43.7 -2.1	
GTA	comp=Z,2µm,5.4s	S	S	22 21 52.0 0.0	
GTA	comp=Z,2µm,5.4s	eS	pS	22 21 57.8 +0.1	
GTA	comp=Z,2µm,5.4s				

Table with columns: FETA, Feichten, 123.16 327, epPKIKP, PKIKP, 22 22 10.2 +1.1, etc. Lists various stations and their associated data.

Table with columns: OTAV, Otavalo, 132.88 94, eP, PKIKP, 22 22 30.4 +0.6, etc. Lists various stations and their associated data.

Table with columns: TORO, Torodi Arr, 145.83 289, IAMS_20, PKPbc, 22 24 50.3, etc. Lists various stations and their associated data.

IDC 11 22:05:48.3-4.3, 3.27:76N-94:47E, h98km,39km, mb3.6/7, mb1 3/7.8, mb1mx3.3/50, mbtmp3.9/8, Error ellipse: s-maj=113.2km s-min=16.6km az=57.0

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

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

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

11d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIE, KRLL, YVHS, VRAC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LJU, KNDS, GBRs, SKDS, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAG, BSOS, JOD2, etc.

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

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

2014 MAR

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

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

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

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

556

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDAH, RC01, SKT, etc.

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

319A		I	Amb	00 36 45.7	
121A	comp=Z,92nm,1.4s Cokes Peak, D	20.39 118	I	Amb	00 36 33.1
121A	comp=Z,101nm,1.2s Cokes Peak, D	20.39 118	P	Pn	00 36 24.1 +0.6
FFC	Flin Flon	20.43 49	P	P	00 36 20.8 -0.7
FFC	Flin Flon		P	pmax	
FFC	Flin Flon	20.43 49	P	P	00 36 20.8 -0.7
KSC0	Kaye Shedlock'	20.50 96	I	Amb	00 36 34.3
KSC0	Kaye Shedlock'	20.50 96	P	Pn	00 36 24.6 -0.1
DAWY	Dawson	20.68 347	I	Amb	00 36 32.2
MDND	Madcock	20.80 70	P	Pn	00 36 27.0 -0.9
RC01	Rabbit Creek A	20.81 331	I	Amb	00 36 33.9
SML	Sawmill	20.87 334	I	Amb	00 36 41.5
PMR	Palmer	20.97 333	P	P	00 36 27.3 +0.1
PMR	Palmer		P	pmax	
PMR	Palmer	20.97 333	P	P	00 36 27.2 +0.1
PMR	Palmer		I	Amb	00 36 39.0
HSIG			P	P	00 36 26.7 -1.5
GHO	Glory Hole Cre	21.04 333	P	P	00 36 28.7 +0.7
GHO			I	Amb	00 36 36.8
DHY	Denali Highway	21.57 337	I	Amb	00 36 40.4
SUSD	Miller	21.58 79	P	P	00 36 33.8 -0.1
SUSD			I	Amb	00 36 41.3
SUSD	Miller	21.58 79	P	P	00 36 34.8 +0.9
SRIG	Santa Rosalia	21.71 135	P	P	00 36 35.6 +0.1
MNTX	Cornudas Mount	22.48 116	P	P	00 36 43.4 -0.4
MNTX	Cornudas Mount	22.48 116	P	P	00 36 45.8 +2.0
MCK	Mckinley	22.53 337	I	Amb	00 36 53.5
HDA	Harding Lake	22.54 340	I	Amb	00 36 49.2
HDA	Harding Lake	22.54 340	P	P	00 36 44.3 +0.2
EPYK	Eagle Plains	22.55 352	P	P	00 36 45.0 +0.8
D32A	Dogwood Acres,	22.58 71	I	Amb	00 36 47.1
CBKS	Cedar Bluff	22.64 94	I	Amb	00 36 50.0
CBKS	Cedar Bluff	22.64 94	P	P	00 36 47.5 +2.1
TRF	Thorofare Moun	22.71 335	I	Amb	00 36 59.8
IL31		22.83 340	I	Amb	00 36 51.7
ILAR	Eielson Array	22.83 340	P	P	00 36 46.8 -0.3
ILAR	Eielson Array	22.83 340	P	P	00 40 38.6 +0.9
ILAR	Eielson Array	22.83 340	P	P	00 36 46.8 -0.3
ILAR	Eielson Array	22.83 340	P	P	00 36 46.8 -0.3
ILAR	Eielson Array	22.83 340	P	P	00 36 46.8 -0.3
BGNE	Belgrade	22.88 86	I	Amb	00 36 55.9
BGNE	Belgrade	22.88 86	P	P	00 36 49.2 +1.3
WRH	Wood River Hill	22.88 339	I	Amb	00 36 57.9
CCB	Clear Creek Bu	22.95 339	I	Amb	00 36 52.8
KTH	Kantishna Hill	22.97 335	I	Amb	00 37 26.6
POKR	Poker Plat Res	23.24 340	P	P	00 36 53.2 +1.8
ULM	Lac du Bonnet	23.27 63	P	P	00 36 50.6 -1.2
ULM	Lac du Bonnet	23.27 63	LR	LR	00 46 04.6
ULM	Lac du Bonnet	23.27 63	P	P	00 36 50.8 -1.0
ULM	Lac du Bonnet	23.27 63	I	Amb	00 36 53.2
AGMN	Agassiz Nation	23.29 68	I	Amb	00 36 59.0
AGMN	Agassiz Nation	23.29 68	P	P	00 36 52.1 +0.1
MDM	Murphy Dome	23.31 339	I	Amb	00 37 08.3
ECS0	EROS Data Cent	23.37 80	I	Amb	00 36 56.9
ECS0	EROS Data Cent	23.37 80	P	P	00 36 52.7 -0.1
BPAW	Bear Paw Mtn.	23.40 336	I	Amb	00 36 56.4
MLY	Manley	24.03 337	I	Amb	00 37 02.1
INK	Inuvik	24.23 356	P	P	00 37 00.0 -0.8
INK	Inuvik		LR	LR	00 45 36.8
INK	Inuvik	24.23 356	I	Amb	00 37 05.0
INK	Inuvik	24.23 356	I	Amb	00 37 05.0
BMAR	Burnt Mountain	24.64 346	P	P	00 37 04.6 -0.1
KSU1	Kansas State U	24.78 91	P	P	00 37 06.8 +0.7
TX31	Lajitas Ar. Si	25.15 118	I	Amb	00 37 26.3
TX32	Lajitas Array	25.15 118	I	Amb	00 37 26.3
TXAR	Lajitas Array	25.16 118	P	P	00 37 09.9 +0.2
TXAR	Lajitas Array	25.16 118	P	P	00 40 44.8 +1.3
WMOK	Wichita Moun	25.20 102	I	Amb	00 37 21.9
WMOK	Wichita Moun	25.20 102	P	P	00 37 11.1 +1.1
C36M	Paulatuk	25.30 4	P	P	00 37 10.4 -0.1
C36M	Paulatuk	25.30 4	P	P	00 37 10.2 -0.3
LPIG	La Paz	25.34 136	LR	LR	00 47 17.4
IMAR	Indian Moun	25.58 337	P	P	00 37 13.0 -0.1
IMAR	Indian Moun	25.58 337	P	P	00 40 44.7 +1.1
HPIG	Marine on St.	25.74 75	I	Amb	00 37 27.1
SPMN	Marine on St.	25.74 75	P	P	00 37 16.1 +1.3
SPMN	Marine on St.	25.74 75	P	P	00 37 20.2
ABTX	Ablene, Hawle	25.76 107	I	Amb	00 37 16.5 +1.4
ABTX	Ablene, Hawle	25.76 107	P	P	00 37 16.5 +1.4
T35A	Sooner Cattle	25.76 95	I	Amb	00 37 24.2
X34A	Smith Ranch, M	25.94 101	I	Amb	00 37 33.8
UNVA	Unalaska Valle	25.99 305	P	P	00 37 17.8 +0.9
EYMN	Ely	26.23 68	I	Amb	00 37 20.4
EYMN	Ely	26.23 68	P	P	00 37 19.7 +0.5
TOLK	Toolik Lake Re	26.64 343	I	Amb	00 37 32.2
TOLK	Toolik Lake Re	26.64 343	P	P	00 37 24.5 +1.7
JCT	Junction City	26.94 111	P	P	00 37 25.1 -0.7
JCT	Junction City	26.94 111	P	P	00 37 25.1 -0.7
JCT	Junction City	26.94 111	P	P	00 37 29.0 +3.2
40A	Norwalk	27.56 77	I	Amb	00 37 32.9
L40A	Anamosa	27.63 81	I	Amb	00 37 33.4
WHXT	Lake Whitney,	27.63 105	I	Amb	00 37 45.0
WHXT	Lake Whitney,	27.63 105	P	P	00 37 34.8 +2.9
S39A	Bolivar	27.71 91	I	Amb	00 37 40.1

JFWS	Jewell Farm	28.07 79	I	Amb	00 37 37.3
JFWS	Jewell Farm	28.07 79	P	P	00 37 36.2 +0.4
COWI	Conover	28.07 72	I	Amb	00 37 37.4
W39A	Magazine	28.52 96	P	P	00 37 40.4 +0.6
ANM	Nome	28.64 328	I	Amb	00 37 48.9
U40A	Yellville	28.64 93	I	Amb	00 37 55.2
U40A	Yellville	28.64 93	P	P	00 37 41.3 +0.4
MGMO	Mountain Grove	28.70 91	I	Amb	00 37 50.7
MIAR	Mount Ida	28.99 97	I	Amb	00 37 59.4
MIAR	Mount Ida	28.99 97	P	P	00 37 44.8 +0.8
CCM	Cathedral Cave	29.05 89	P	pmax	00 37 44.3 -0.2
CCM	Cathedral Cave	29.05 89	P	P	00 37 44.3 -0.2
CCM	Cathedral Cave	29.05 89	I	Amb	00 37 53.3
CCM	Cathedral Cave	29.05 89	P	P	00 37 44.6 0.0
FCAR	Ozark Folk Cen	29.38 94	I	Amb	00 38 06.7
H43A	Windswept, Lux	29.40 75	I	Amb	00 37 48.9
K43A	Burlington	29.48 79	I	Amb	00 37 49.6
HDIL	Hopedale	29.50 83	P	P	00 37 49.1 +0.6
E43A	Lone Tree Farm	29.51 71	I	Amb	00 37 49.7
WHAR	Woolly Hollow	29.54 95	I	Amb	00 38 07.3
W41B	Gary Mavity, V	29.63 95	I	Amb	00 38 08.3
W41B	Gary Mavity, V	29.63 95	P	P	00 37 50.1 +0.5
HKT	Hockley	29.96 107	P	pmax	00 37 52.7 +0.1
HKT	Hockley	29.96 107	P	P	00 37 52.7 +0.1
LCAR	Lake Charles	29.99 93	I	Amb	00 38 11.4
M44A	Midewin, Midew	30.10 81	I	Amb	00 37 55.1
E44A	Grand Marais A	30.18 70	I	Amb	00 37 56.2
E44A	Grand Marais A	30.18 70	P	P	00 37 55.7 +1.3
PBMO	Poplar Bluff	30.19 91	I	Amb	00 38 12.5
O44A	Mansfield	30.23 83	I	Amb	00 37 56.2
F45A	CMU Biological	30.66 72	P	P	00 37 58.8 +0.1
G45A	Suttons Bay	30.72 73	I	Amb	00 38 00.4
G45A	Suttons Bay	30.72 73	P	P	00 37 59.4 +0.3
GAMB	Gambell	30.87 324	I	Amb	00 38 01.2 +0.9
GAMB	Gambell	30.87 324	I	Amb	00 38 03.4
SFIN	Lafayette	31.12 82	I	Amb	00 38 04.3
SFIN	Lafayette	31.12 82	P	P	00 38 03.5 +0.7
LF6A	Eue Claire	31.13 79	P	P	00 38 03.7 +0.8
I46A	Reed City	31.15 75	P	P	00 38 03.9 +0.9
J46A	Howard City	31.18 76	P	P	00 38 04.1 +0.8
G46A	Potosky	31.19 72	P	P	00 38 04.2 +0.8
K46A	Dorr	31.28 77	P	P	00 38 04.6 +0.4
E46A	Sault Ste. Mari	31.33 70	I	Amb	00 38 05.8
P46A	Rodale	31.33 84	I	Amb	00 38 05.7
D46A	Sault Ste. Mari	31.40 69	P	P	00 38 05.5 +0.3
GLMI	Gravelly	31.48 73	P	P	00 38 07.2 +1.2
I47A	Gladwin	31.78 74	P	P	00 38 09.5 +0.9
J47A	Sumner	31.79 76	P	P	00 38 09.6 +1.0
H47A	Mio	31.83 73	P	P	00 38 10.0 +1.0
K47A	Vermontville	31.84 77	P	P	00 38 09.6 +0.5
L47A	Sherwood	31.92 78	P	P	00 38 10.3 +0.5
G47A	Hillman	31.92 72	P	P	00 38 10.3 +0.5
N47A	Urbana	31.94 81	P	P	00 38 10.2 +0.2
OXF	Oxford	31.99 94	P	P	00 38 11.2 +0.7
D47A	Chapleau	31.99 68	P	P	00 38 10.4 0.0
BLO	Bloomington	31.99 84	I	Amb	00 38 11.4
E47A	Iron Bridge	32.00 70	P	P	00 38 10.4 -0.1
H48A	Sherman Twp	32.29 74	P	P	00 38 14.0 +1.0
WVT	Waverly	32.35 90	P	pmax	00 38 13.5 -0.1
WVT	Waverly	32.35 90	P	P	00 38 13.5 -0.1
WVT	Waverly	32.35 90	P	P	00 38 13.7 +0.1
H48A	Henrieville	32.41 73	P	P	00 38 14.9 +0.8
K48A	Perry	32.41 76	P	P	00 38 14.9 +0.8
M48A	Edgerton	32.42 79	P	P	00 38 14.6 +0.4
N48A	Decatur	32.42 80	P	P	00 38 14.4 +0.1
L48A	N Adams	32.47 78	P	P	00 38 15.3 +0.6
T47A	Sharon Grove	32.48 88	I	Amb	00 38 22.0
J48A	Bridge Port	32.49 75	P	P	00 38 15.7 +0.8
O48A	Farmland	32.55 81	P	P	00 38 15.5 +0.1
F48A	Evansville	32.60 71	P	P	00 38 16.3 +0.6
344A	Westbrook Cattle	32.65 100	I	Amb	00 38 21.8
PLAL	Pickwick Lake	32.71 92	I	Amb	00 38 31.6
E48A	Lockeye	32.74 69	P	P	00 38 17.2 +0.1
D48A	Paudash Townsh	32.83 68	P	P	00 38 17.6 -0.1
L49A	Milan	32.88 78	P	P	00 38 19.5 +1.3
J49A	Marlette	32.92 75	P	P	00 38 19.3 +0.7
M49A	Liberty Center	32.95 79	P	P	00 38 19.2 +0.3
N49A	Columbus Grove	33.00 80	P	P	00 38 19.7 +0.4
F49A	Sandfield	33.00 70	P	P	00 38 19.4 +0.1
P49A	Miami Univ. Ec	33.14 82	P	P	00 38 20.3 -0.2
O49A	Covington	33.16 81	I	Amb	00 38 21.4
O49A	Covington	33.16 81	P	P	00 38 20.4 -0.3
O49A	Aurora	33.22 83	P	P	00 38 21.2 0.0
V48A	Smith Brothers	33.25 90	I	Amb	00 38 22.3

U49A	Red Boiling Sp	33.65 88	P	P	00 38 24.6 -0.3
U49A			P	P	00 41 06.1 +1.3
O50A	Cable	33.68 81	P	P	00 38 25.5 +0.2
X48A	Hartselle	33.71 92	I	Amb	00 38 40.0
P50A	Jamestown	33.76 82	P	P	00 38 26.0 +0.1
N50A	Nevada	33.78 80	P	P	00 38 26.4 +0.3
Q50A	Georgetown	33.94 83	P	P	00 38 27.3 -0.2
RES	Resolute Bay	34.10 15	P	P	00 38 27.9 -0.6
RES	Resolute Bay	34.10 15	P	P	00 38 27.9 -0.6
RES	Resolute Bay	34.10 15	I	Amb	00 38 29.4
ACSO	Alum Creek Sta	34.10 80	P	P	00 38 29.2 +0.3
D50A	G1974 Best Tow	34.14 67	P	P	00 38 28.7 -0.4
SWET	Seawnee	34.14 90	I	Amb	00 38 36.4
I51A	Listowel	34.25 73	P	P	00 38 30.8 +0.6
M51A	Elyria	34.26 78	P	P	00 38 30.5 +0.2
N51A	Ashland	34.28 79	I	Amb	00 38 31.2
N51A	Ashland	34.28 79	P	P	00 38 30.9 +0.5
Q51A	Peebles	34.31 83	P	P	00 38 31.0 +0.2
P51A	Williamsport	34.34 82	I	Amb	00 38 31.7
P51A	Williamsport	34.34 82	P	P	00 38 31.1 +0.2
F51A	Arnstein	34.40 69	P	P	00 38 31.2 -0.2
O51A	Pataskala	34.40 80	P	P	00 38 31.5 0.0
R51A					

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KLUJ, ZIRJ, MORI, DUGI, etc.

ATH 12 03:37:38.0, 38.39N, 20.46E, h10km, 2km, ML1, 7.7, Error ellipse: s-maj=2.4km s-min=0.6km az=154.0, Greece

Main table listing station data for the ATH region, including station names, coordinates, and various parameters.

PDG 12 03:37:38.0, 41.42N, 19.46E, h18km, MD3, 3/3, ML3.2/13, Error ellipse: s-maj=0.3km s-min=0.3km az=0.0

BE0 12 03:37:39.2, 0.4, 41.52N, 19.51E, h0km, ML3, 8/17, TIR 12 03:37:39.1, 41.52N, 19.57E, h15km, Md2, 9/17

SKO 12 03:37:40.0, 41.59N, 19.67E, h0km, ISC 12 03:37:38.7, 1.41, 56N, 0.03, 19.48E, 0.02, h8km, 9km, n69, c1503/95, 14C-10, Albania

Main table listing station data for the PDG, BE0, SKO, and other regions, including station names, coordinates, and various parameters.

Table listing station data for the FRGS region, including station names like Fruska Gora, Morici, Moldovita, etc.

IDC 12 03:41:48.6, 1.4, 32.43N, 48.44E, h0km, mb3, 8/10, mb1 3.9/14, mb1mx3, 7/47, mbtmp3, 8/14, ML3, 4/4, Error ellipse: s-maj=29.1km s-min=19.1km az=175.0

TEH 12 03:41:52.1, 32.47N, 48.40E, h13km, ML3, 8, NEIC 12 03:41:53.9, 1.5, 32.43N, 0.07, 48.41E, 0.09, h11km, 6km, Error ellipse: s-maj=11.6km s-min=9.2km az=54.0

THR 12 03:41:53.9, 0.4, 32.52N, 48.49E, h14km, 7km, ML3, 6 OMAN 12 03:42:01.8, 2.3, 31.53N, 48.44E, h66km, 15km, Error ellipse: s-maj=29.9km s-min=10.2km az=296.0

ISC 12 03:41:50.2, 0.4, 32.32N, 48.37E, 0.03, h17km, n144, c254/154, mb4, 2/18, 8C-14D, Western Iran

Main table listing station data for the IDC, TEH, THR, and other regions, including station names, coordinates, and various parameters.

Table listing station data for the RBK region, including station names like SHAO, DMT0, DMT1, etc.

DMT0 ABKAR Akbulak array 19.01 24 P S 03 48 15.1 -9.4

AKTO AKTYUBINSK 19.46 19 P S 03 48 16.7 -0.3

CFR Carcalui 20.28 31 P P 03 46 25.3 +0.4

KK31 Karatay Array 20.50 52 P P 03 46 26.8 -0.5

KKAR Karatay Array 20.50 52 P P 03 46 27.3 -0.1

KKAR Karatay Array 20.50 52 P P 03 46 27.3 -0.1

RAZG Razgrad 20.52 309 P P 03 46 30.2 +0.5

ELND Elena 20.67 307 P P 03 46 31.2 -0.3

MILM Milestii Mici 20.89 320 P P 03 46 32.8 +1.3

NIL Nilore 20.90 80 I Amb 03 46 28.8 -3.1

GHRH Gura Zlatas 21.18 316 P P 03 46 36.5 +1.8

ISR Istrita 21.21 313 P P 03 46 36.1 +1.0

VR Vrnjica 21.46 315 P P 03 46 38.9 +1.9

PLOR Ploiesti 21.52 315 P P 03 46 40.2 +1.5

PLVB Plevne 21.69 307 P P 03 46 42.4 +2.2

MLR Muntele Rosu 21.77 314 P P 03 46 43.3 +2.2

TESR Tescani 21.87 317 P P 03 46 42.9 +0.8

AGG Agios Georgios 22.15 295 P I Amb 03 46 46.1 +0.9

OZUR Ouzun 22.16 315 P P 03 46 47.1 +1.8

ITM Ithomi 22.23 290 P I Amb 03 46 47.4 +1.3

VOIR Voiron 22.29 313 P P 03 46 49.1 +2.3

DOPR Dopca 22.34 314 P P 03 46 49.5 +2.4

ARR Arges 22.52 312 P P 03 46 50.8 +1.6

AKASG Malin Array B 23.18 328 P P 03 46 55.5 -0.4

AKASG Malin Array B 23.18 328 P P 03 46 55.5 +0.7

FNA Florida 23.21 299 P P 03 46 56.7 +0.3

BURAR Bucovina Array 23.29 318 P P 03 46 59.5 +2.4

BURAR Bucovina Array 23.29 318 P P 03 46 57.8 +0.6

BUR08 Bucovina Ar. S 23.32 318 P P 03 46 59.1 +1.7

GZP Gura Zlatas 23.37 309 P P 03 47 03.3 +2.0

HERR Herculan 23.74 309 P P 03 47 03.0 +1.5

NRN Naryn 23.82 60 I Amb 03 47 06.2

MDVR Moldovita 24.16 309 P P 03 47 07.9 +2.3

DRGR Drahograd 24.36 312 P P 03 47 08.2 +1.8

SIRR Sirdia 24.78 312 P P 03 47 13.2 +2.4

TRPA Tarpa 25.10 317 P P 03 47 15.6 +1.7

ARU Ari 25.13 13 P P 03 47 13.0 -1.1

KOLS Kolonicke sedl 25.66 318 P P 03 47 21.1 +2.1

DBRK Dubrovnik 25.99 302 S P 03 51 49.1 -2.8

CRVS Cervenica-Dubn 26.11 317 P P 03 47 25.4 +2.3

STON Ston 26.36 302 S P 03 52 06.6 +2.9

LANS Liptovska Anna 27.38 316 P P 03 47 36.9 +3.2

YVHS Vyhne 27.46 315 P P 03 47 37.6 +2.3

KURBB Kurchatov Arra 28.78 42 P P 03 47 49.8 -2.0

MK31 Makanchi Array 29.62 51 P P 03 47 55.2 +0.7

MKAR Makanchi Array 29.62 51 P P 03 47 55.6 +1.1

MKAR Makanchi Array 29.62 51 P P 03 47 54.9 +0.4

WTTA Wittenberg 31.60 309 P P 03 48 14.2 +2.0

SQTA Sankt Quirin 31.87 309 I P 03 48 15.7 +1.2

MOTA Mossalm 31.97 309 I P 03 48 17.3 +1.9

FETA Feichten 32.14 308 P P 03 48 18.5 +1.5

FINES FINESS Array B 32.54 340 P P 03 48 20.6 +0.6

FINES FINESS Array B 32.54 340 P P 03 48 20.2 +0.2

DAVA Damuels 32.77 308 P P 03 48 23.5 +1.1

ZALV Zalesovo Beam 33.72 39 P P 03 48 31.4 +1.0

ZALV Zalesovo Beam 33.72 39 P P 03 48 30.6 +0.2

BNI Bardonecchia 34.57 304 P P 03 48 30.1 0.0

HFS Hagfors 35.99 331 P P 03 48 50.3 +0.4

NOA Noa 36.12 309 P P 03 49 02.7 -0.2

ARCES ARCES Array B 39.42 348 P P 03 49 19.3 +0.4

ARCES ARCES Array B 39.42 348 P P 03 49 19.5 +0.6

TORD Torodi Ar. Be 46.67 257 P P 03 50 20.2 +2.0

TORD Torodi Ar. Be 46.67 257 P P 03 50 18.2 0.0

YKA Yellowknife Arr 84.53 352 P P 03 54 21.8 -0.2

NEIC 12 04:12:05.9, 1.4, 40.62N, 0.04, 125.33W, 0.08, h16km, 12km, Error ellipse: s-maj=9.3km s-min=5.8km az=76.0

ANF 12 04:12:07.8, 1.4, 40.73N, 125.01W, h0km, ML2, 4/4, Error ellipse: s-maj=13.2km s-min=6.8km az=76.0

NCEDC 12 04:12:07.8, 1.2, 40.59N, 0.04, 125.34W, 0.03, h24km, 7km, Md3, 0/3, Error ellipse: s-maj=6.8km s-min=1.9km

ISC 12 03:37:38.7, 1.41, 56N, 0.03, 19.48E, 0.02, h8km, 9km, n69, c1503/95, 14C-10, Albania

ISC 12 03:37:38.7, 1.41, 56N, 0.03, 19.48E, 0.02, h8km, 9km, n69, c1503/95, 14C-10, Albania

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ISC 12 03:37:38.7, 1.41, 56N, 0.03, 19.48E, 0.02, h8km, 9km, n69, c1503/95, 14C-10, Albania

ISC 12 03:37:38.7, 1.41, 56N, 0.03, 19.48E, 0.02, h8km, 9km, n69, c1503/95, 14C-10, Albania

ISC 12 03:37:38.7, 1.41, 56N, 0.03, 19.48E, 0.02, h8km, 9km, n69, c1503/95, 14C-10, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Severo-Kuril's, Pauzhetka, Alaid, etc.

KRSC 12 04:14:36.8-1.6, 50.51N-157.26E, h94km, 26km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SKR, PAU, ALU, etc.

IDC 12 04:42:54.8-4.6, 6.68S-148.65E, h116km, 37km, mb3.5/3, mb1 3.6/5, mb1mx3.3/6, mbtmp3.8/5, MS3.0/1, Ms1 2.9/1, ms1mx2.6/1.8, Error ellipse: s-maj=100.7km s-min=35.2km az=114.0, New Britain region

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

HLW 12 04:47:55.5, 34.33N-25.09E, h10km, 18km, Md4.1, Ml3.0, ATH 12 04:47:55.1, 34.32N-24.99E, h29km, 1km, ML2.9/7, Error ellipse: s-maj=5.0km s-min=1.7km az=355.0

IDC 12 04:47:56.3-3.2, 34.37N-24.99E, h24km, 19km, mb3.7/6, mb1 3.7/8, mb1mx3.4/4.6, mbtmp3.8/8, ML3.7/2, MS2.6/1, Ms1 2.6/1, ms1mx2.1/4.6, Error ellipse: s-maj=27.2km s-min=22.2km az=151.0

THE 12 04:47:56.2-1.4, 34.37N-24.96E, h0km, 1km, ML2.8/6, Error ellipse: s-maj=2.6km s-min=0.8km az=182.0

ISC 12 04:47:56.2-1.4, 34.31N-0.05, 24.98E-0.04, h27km, 11km, n33, c095/37, mb3.8/6, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SIVA, GVD, GVD, LAST, LAST, LAST, etc.

NPS Neapolis 1.08 29 P Pb 04 48 15.7 -0.7
NPS Neapolis 1.08 29 P Pb 04 48 15.6 -0.7
VAM Vamos 1.27 30 P Pb 04 48 18.5 -0.9
VAM Vamos 1.27 30 P Pb 04 48 18.7 -0.7

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARCES, MKAR, ZALV, SONM, SCHO, etc.

IDC 12 05:06:46.5-0.9, 60.82S-19.90W, h0km, mb4.0/7, mb1 4.2/8, mb1mx4.0/2.8, mbtmp4.1/8, ML4.9/1, MS3.6/10, Ms1 3.6/10, ms1mx3.5/19, Error ellipse: s-maj=35.0km s-min=22.2km az=49.0

NEIC 12 05:06:48.4-0.5, 60.9S-20.2W, h12km, 5km, mb4.4/5, Error ellipse: s-maj=29.0km s-min=19.2km az=50.0

ISC 12 05:06:47.9-0.8, 60.9S-0.1, 20.0W-0.2, h10km, n26, c072/19, mb4.0/8, MS3.6/9, East of South Sandwich Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VNA1, VNA3, VNA2, SNA, SNA, SNA, etc.

BUI 12 05:29:01.5-0.0, 6.46S-146.84E, h134km, mb5.1/40, mb5.1/61

IDC 12 05:29:03.2-1.2, 6.51S-146.10E, h113km, 12km, mb4.5/26, mb1 4.6/31, mb1mx4.5/4.5, mbtmp4.8/31, MS3.3/8, Ms1 3.3/8, ms1mx3.1/30, Error ellipse: s-maj=15.0km s-min=8.1km az=97.0

NEIC 12 05:29:04.6-2.0, 6.56S-0.05, 146.2E-0.1, h125km, 4km, mb4.9/79, Error ellipse: s-maj=15.2km s-min=7.1km az=94.0

DJA 12 05:29:05.6-0.4, 7.5S-141.6E, h120km, 5km, M4.9/24, mb5.3/6, mb4.8/24, MLV5.2/4, Mw(mB)4.7/6

ISC 12 05:29:04.4-0.3, 6.54S-0.04, 146.19E, h122km, n206, c111/209, mb4.9/72, 2C-3D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG, PMG, MANU, KRVT, KRVT, etc.

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

12d 5h

2014 MAR

566

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ULN Ulanbaatar, SONM Songoing Array, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CCB Clear Creek Bu, HDA Harding Lake, and many others.

NEIC 12 05:29:28.8±2.3, 44°22'N, 129°12'W, h0km, mb3.3/5, m1 3.9/13, mb1mx3.7/55, mbtmp3.7/13, ML3.4/7, MS3.3/10, Ms1 3.3/10, ms1mx3.1/50, Error ellipse: s-maj=29.3km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KEBM Edson Butte, J01E Myrtle Point, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAHR Pah Rah Range, F10A Beach Ranch, E Newport, and many others.

IDC 12 05:42:04.2±2.1, 53°16'N, 171°09'E, h0km, mb3.3/5, m1 3.6/6, mb1mx3.3/48, mbtmp3.3/6, ML2.3/1, Error ellipse: s-maj=87.5km s-min=21.8km az=174.0, NEIC 12 05:42:08.1±1.5, 53°22'N, 171°08'E, h0km, mb3.3/5, m1 3.6/2, Error ellipse: s-maj=37.1km s-min=7.3km az=182.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FETA, LMR, BLAF, ORIF, SMP1, DAVA, MLYF, OGS, SANK, SOTA, ART, BSTF, SMRF, MOTA, GIMEL, RISI, BALST, RETA, ABTA, WTTA, SULZ, ASEAF, CABF, OGS3, BRANT, CHMF, VIVF, KIZ, SSB, HINF, ECH, HAU, WLS, OBKA, CDF, LASF, SMF, PAGF, SFTF, LOR, AVF, SSF, MEZF, BGF, CAF, KHC, TCF, MTLF, FNEB, BAIF, MFF, ETSF.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11S1, H11S2, H11N1, H11N2, H11N3, KRVT, KSRS, KSRS, JKA, ASAJ, USRK, KLR, PETK, WRAB, WRA, WRA, WRA, SONM, SEY, SEY, AS31, ASAR, ASAR, CMAR, STKA, STKA, ZALV, ZALV, MKAR, MKAR, KURK, KURK, ILAR, ILAR, BMAR, BRVK, BRVK, KKKAR, INK, INK, ABKAR, YKA, RES, RES, NVAR, FINES, PDAR, NOA, TORI, LPAZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TAP, JMA, ISC, TWP1, TWP1, EOS1, EOS1, TIPB, TIPB, NTC, NTC, NWF, NWF, WFSB, WFSB, TWC, TWC, TWC, TWC, SLBB, TWA, TWA, YM08, YM08, YM11, YM11, NHDH, NHDH, YM10, YM10, ENA, ENA, TWY, TWY, TWY, TWY, YM04, YM04, ENT, ENT, ENT, ENT, YM03, YM03, YJNG, YJNG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TATO, TATO, NWLT, NWLT, ANP, ANP, YOJ, YOJ, YOJ, YOJ, NDT, NDT, TWST, TWST, YHNB, YHNB, NSK, NSK, NSK, NSK, WLTB, WLTB, NNSB, NNSB, NNSH, NNSH, NNS, NNS, NACB, NACB, ETNL, ETNL, ETNL, ETNL, TWD, TWD, ENLB, ENLB, ENLB, ENLB, NIOB, NIOB, NSTT, NSTT, WHF, WHF, WHF, WHF, TWT, TWT, TDCB, TDCB, TDCB, TDCB, CHGB, CHGB, CHGB, CHGB, ESL, ESL, WHP, WHP, IRIF, IRIF, IRIF, IRIF, EGD, EGD, EGD, EGD, TWQ1, TWQ1, DPDB, DPDB, DPDB, DPDB, WADT, WADT, WADT, WADT, HGSD, HGSD, SMLT, SMLT, TYC, TYC, TYC, TYC, EHY, EHY, SSSL, SSSL, SSSL, SSSL, JKRS, JKRS, JIJ, JIJ, YULB, YULB, WHYT, WHYT, TWF1, TWF1, TWF1, TWF1, JISG, JISG, YUS, YUS, YUS, YUS, FULB, FULB, ALS, ALS, CHN5, CHN5, CHN4, CHN4, TPUB, TPUB, TWH, TWH, TWK, TWK, CHN1, CHN1.

IDC 12 06:36:52.9:0.6, 19:06N:146:25E, h0km, mb4.2/19, mb1.4, 3/20, mb1mx4.2/40, mbtmp4.1/20, ML3.3/1, MS3.1/5, MS1 3/1.5, ms1mx2.8/36, Error ellipse: s-maj=23.1km s-min=13.3km az=91.0
NEIC 12 06:37:01.4:1.6, 19:11N:0:146:15E:0:08, h60km, 7km, mb4.4/10, Error ellipse: s-maj=19.0km s-min=7.1km az=149.0
ISC 12 06:37:06.6:0.6, 19:11N:0:146:1E:0:2, h109km, n47, 0:596/38, mb4.0/23, Mariana Islands region

ATA 12 06:50:59.9:1.2, 41:26N:43:94E, h4km, 999km, ML2.2, MW3.2
ISK 12 06:51:13.9:40:89N:42:88E, h2km, ML2.0/3
DDA 12 06:51:14.0:40:85N:42:91E, h7km, 4km, ML1.4
ISC 12 06:51:14.0:1.1, 40:87N:0:04:42:93E:0:03, h10km, 11km, n11, 0:568/18, Turkey
Code Station Name Az AzZ Phase ID Time Res ISC

Table with columns: DBOC, Borcka, 1.07 297, p, Pb, 06 51 34.6, 0.0, Sg, 06 51 48.3, -0.2, 06 51 53.0

BCA Borcka 1.14 300 PN Pn 06 51 36.1 0.0

BATM Batumi 1.19 308 PN Pn 06 51 36.6 -0.3

IDC 12 07:14:29.6;1.0,55:32N;160.76W,h0km,mb3.8/15,

AEIC 12 07:14:35.1;2.3,55:29N;160.50W,0.08,h13km,5km,

NEIC 12 07:14:35.0;2.4,55:25N;160.31W;0.06,h28km,5km,

ISC 12 07:14:35.1;0.6,55:30N;160.31W;0.04,h35km,

Code Station Name Δ° AZZ Phase ID Time Res

SDPT Sand Point 0.11 297 Op Pn 07 14 48.5 +1.7

CNBA Chernabura Isl 0.63 139 Pn Pn 07 14 45.6 -2.0

PVJ Pavlof Volcano 0.85 276 Pn Pn 07 14 50.3 -0.3

HAG Hague Volcano 0.91 272 Pn Pn 07 14 51.4 +0.0

PN6 Pavlof North-6 0.93 280 Pn Pn 07 14 52.4 +0.7

VNWF Veniaminof 0.95 266 Pn Pn 07 15 06.1 +2.2

VNSS Veniaminof 1.05 27 Pn Pn 07 14 52.5 +0.4

VNFG Fog Glacier, M 1.07 23 Pn Pn 07 14 54.3 +0.8

ELHA Black Hill 1.07 23 Pn Pn 07 14 55.0 +1.3

VNFI Veniaminof 1.08 283 Pn Pn 07 14 54.4 +0.7

DT1 Dutton Round H 1.15 261 Pn Pn 07 14 57.1 +1.1

CHGN Chignik 1.47 46 Pn Pn 07 15 00.9 +1.9

FALS False Pass 1.84 257 Pn Pn 07 15 08.9 +0.6

SSLL Shishaldin Wes 2.26 258 Pn Pn 07 15 11.0 +1.1

SSBA Shishaldin 2.26 258 Pn Pn 07 15 10.9 +0.9

WESE West Dahl East 2.61 256 Pn Pn 07 15 16.1 +1.3

WEBS Westdahl Beart 2.66 256 Pn Pn 07 15 17.1 +1.6

WESP Westdahl 2.67 254 Pn Pn 07 15 17.1 +1.4

CHIR Chirikof Islan 2.71 77 Pn Pn 07 15 16.9 +0.8

CHIR Chirikof Islan 2.71 77 Pn Pn 07 15 49.0 +1.3

PLK1 Peulik 1 3.24 38 Pn Pn 07 15 24.8 +1.4

PLK3 Peulik 3 3.28 41 Pn Pn 07 15 25.9 +1.9

AKSA Akutan Strait 3.34 252 Pn Pn 07 15 26.1 +1.0

AKUT Akutan 3.38 252 Pn Pn 07 15 26.1 +0.8

HSB Akutan Spr's B 3.44 253 Pn Pn 07 15 26.9 +0.8

AKLV Akutan Long Va 3.47 253 Pn Pn 07 15 27.2 +0.6

AKBBA Akutan Broad B 3.48 252 Pn Pn 07 15 27.5 +0.8

AKMO Akutan Morgan 3.52 252 Pn Pn 07 15 28.3 +0.9

AKRB Akutan Reef Bi 3.54 253 Pn Pn 07 15 28.7 +1.1

SII Sitkinak Islan 3.67 67 Pn Pn 07 15 30.1 +0.8

UNV Unalaska Valle 3.89 251 Pn Pn 07 15 32.6 +0.3

MTBL Makushin Table 3.94 253 Pn Pn 07 15 33.8 +0.8

MINAT Makushin Natee 3.97 252 Pn Pn 07 15 33.9 +0.4

MREW Makushin Reep't 4.42 352 Pn Pn 07 15 35.7 +0.5

MREP Makushin Reep't 4.04 352 Pn Pn 07 15 34.8 +0.4

KABU Katmai Buttes 4.06 41 Pn Pn 07 15 36.7 +1.9

MGOD Makushin Gods 4.11 251 Pn Pn 07 15 35.9 +0.5

OHAK Old Harbor 4.36 61 Pn Pn 07 15 39.7 +0.8

KAHC Katmai Hardscr 4.43 39 Pn Pn 07 15 41.4 +1.5

OKTU Okmok Mt. Tull 4.92 250 Pn Pn 07 15 42.7 +0.7

KDAK Kodiak Island 4.95 57 Pn Pn 07 15 47.7 +0.9

KDAK Kodiak Island 4.95 57 Pn Pn 07 16 43.0 +0.3

NKX Nikolski High 5.54 242 Pn Pn 07 15 56.3 +1.3

SPIA Saint Paul Isl 5.85 293 Pn Pn 07 15 58.9 -0.4

SVW2 Sparrevohn 6.33 21 Pn Pn 07 16 07.3 +1.5

CNPM China Pool 6.47 45 Pn Pn 07 16 08.8 +1.0

CNPM China Pool 6.47 45 Pn Pn 07 17 19.7 -0.7

FID Redoubt Volcan 6.52 35 Pn Pn 07 16 09.8 +1.3

RWB Redoubt West 6.55 34 Pn Pn 07 16 11.2 +2.2

RSO Redoubt South 6.56 35 Pn Pn 07 16 12.1 +3.0

DFR Drift River 6.68 34 Pn Pn 07 16 12.6 +2.0

BRLK Bradley Lake 6.76 45 Pn Pn 07 16 13.7 +1.9

BRSE Bradley Lake S 6.81 45 Pn Pn 07 16 13.3 +0.9

SLKM Skliak Lake 7.06 42 Pn Pn 07 16 24.3 +1.8

SEW Seward 7.55 46 Pn Pn 07 16 24.3 +1.8

TT01 Tatalina 7.94 14 Pn Pn 07 16 28.7 +0.8

SUA Susitna One 7.96 35 Pn Pn 07 16 30.3 +2.1

TTA Tatalina 7.96 14 Pn Pn 07 16 28.9 +0.6

RC01 Rabbit Creek A 8.05 40 Pn Pn 07 16 31.9 +2.5

SKT Skwentz 8.11 39 Pn Pn 07 16 33.9 +2.1

PWL Port Wells 8.44 44 Pn Pn 07 16 35.5 +0.8

PMR Palmer 8.60 38 Pn Pn 07 16 38.8 +1.8

PPLA Purkeypile 8.68 25 Pn Pn 07 16 41.7 +3.5

NKK Knik Glacier 8.73 41 Pn Pn 07 16 41.4 +2.7

AKO Glory Hole 8.80 38 Pn Pn 07 16 41.6 +1.3

HIN Hinchinbrook I 8.95 50 Pn Pn 07 16 42.5 +0.8

HIN Hinchinbrook I 8.95 50 Pn Pn 07 18 20.1 -1.2

SML Sawmill 9.03 39 Pn Pn 07 16 44.9 +2.0

FID Port Fidalgo 9.14 48 Pn Pn 07 16 45.6 +1.3

EYAK Cordova Ski Ar 9.35 50 Pn Pn 07 16 47.1 -0.1

SCM Sheep Creek Mo 9.41 41 Pn Pn 07 16 49.0 +0.8

KTH Kantishna Hill 9.55 26 Pn Pn 07 16 51.9 +2.0

TRF Thorofare Moun 9.63 28 Pn Pn 07 16 54.5 +3.4

ANM Nome 9.63 347 Pn Pn 07 16 52.2 +1.2

GOAT Goat Mountain 9.82 51 Pn Pn 07 16 54.1 +0.4

BPWV Bear Paw Mtn. 9.99 24 Pn Pn 07 16 58.6 +2.6

DHLY Denali Highway 10.22 42 Pn Pn 07 17 11.1 -1.9

GLB Gilahina Butte 10.61 48 Pn Pn 07 17 05.9 +1.5

PAX Paxson 10.80 39 Pn Pn 07 17 08.4 +1.3

MLY Manley 10.85 22 Pn Pn 07 17 10.0 +2.3

MCARA McCarthy VSAT 10.92 49 Pn Pn 07 17 11.0 +2.3

WRH Wood River Hill 11.03 29 Pn Pn 07 17 10.1 -0.1

BALM Baldy 11.13 40 Pn Pn 07 17 13.0 +3.3

IMAR Indian Mountain 11.18 14 Pn Pn 07 17 13.4 +1.2

Table with columns: AKASG, Malin Array Be, 74.07 354, P, P, 07 26 06.2, -0.8

CMAR Chiang Mai Arr 80.97 289 P P 07 26 45.3 -0.8

ESDC Sonseca Array 83.26 18 P P 07 26 58.5 +0.7

ESDC Sonseca Array 83.26 18 P P 07 26 59.5

BRTR Keskin Array 84.60 349 P P 07 27 04.5 -0.3

ATA 12 07:16:32.1;2.0,39:61N;39.70E,h31km,203km,ML2.1,

DDA 12 07:16:50.1,39:29N;42:01E,h27km,ML1.4

ISC 12 07:16:45.5;1.1,39:59N;0:06:41:60E;0:04,h10km,n5,

e29:10, Turkey

Code Station Name Δ° AZZ Phase ID Time Res

ECAT Cat-ERZURUM 0.48 272 Op Pn 07 16 52.8 -2.3

ECAT Cat-ERZURUM 0.48 272 Op Pn 07 17 05.6 +2.0

ECAT Cat-ERZURUM 0.48 272 Op Pn 07 17 07.5

EKAR Karacaban 0.49 133 P P 07 16 54.9 -0.3

EKAR Karacaban 0.49 133 P P 07 16 58.6 -3.1

EKAR Karacaban 0.49 133 P P 07 16 59.0

EKAR Karacaban 0.49 133 P P 07 17 04.0

BNGL BINGOL 0.73 209 eP Pn 07 16 57.2 -2.5

BNGL BINGOL 0.73 209 eP Pn 07 17 15.3 +1.9

BNGL BINGOL 0.73 209 eP Pn 07 17 16.9

EATA Eleskirt 0.74 68 P Pn 07 17 03.5 +1.2

EATA Eleskirt 0.74 68 P Pn 07 17 14.0 +0.2

EATA Eleskirt 0.74 68 P Pn 07 17 15.0

EATA Eleskirt 0.74 68 P Pn 07 17 15.0

MUSM Mu-Merkez 0.87 185 P Pn 07 17 05.6 +2.5

MUSM Mu-Merkez 0.87 185 P Pn 07 17 14.4 -0.2

NNC 12 07:16:50.2;4.1,41:16N;70:63E,h0km,mb2.9,mpv2.5,

CRNET 12 07:16:52.0;1.4,41:15N;70:62E,mb2.4

SOME 12 07:16:52.2,41:35N;70:60E,h0km

ISC 12 07:16:51.0;4.1,41:16N;0:04:20:21E;0:06,h10km,11km,

n15,e135/27,14C-3D,Kyrgyzstan

Code Station Name Δ° AZZ Phase ID Time Res

IUG Iuzhnyy 1.00 352 eP Pn 07 17 10.1 -0.2

IUG Iuzhnyy 1.00 352 eP Pn 07 17 23.0 -0.3

IUG Iuzhnyy 1.00 352 eP Pn 07 17 09.5 -0.8

IUG Iuzhnyy 1.00 352 eP Pn 07 17 25.0 +1.7

BTK Batken 1.19 157 P Pn 07 17 13.9 0.0

ARK Arslanbob 1.19 157 P Pn 07 17 29.3 0.0

ATK Arkit 1.47 63 P Pn 07 17 17.8 +0.2

ARK Arkit 1.47 63 P Pn 07 17 36.8 -1.4

BRLS Borolday 1.89 352 eP Pn 07 17 22.9 -0.5

BRLS Borolday 1.89 352 eP Pn 07 17 45.0 -2.3

BRLS Borolday 1.89 352 eP Pn 07 17 22.9 -0.5

BRLS Borolday 1.89 352 eP Pn 07 17 48.0 +0.7

KK31 Karatay Array 1.96 7 Pn Pn 07 17 26.2 +2.0

KK31 Karatay Array 1.96 7 Pn Pn 07 17 50.9

ARSB Arslanbob 2.10 84 P Pn 07 17 26.5 +0.2

ARSB Arslanbob 2.10 84 P Pn 07 17 51.8 -0.7

MRKS Merke 2.76 54 eP Pn 07 17 37.9 +2.6

MRKS Merke 2.76 54 eP Pn 07 17 10.6 +2.0

MRKS Merke 2.76 54 Pn Pn 07 17 36.5 +1.2

MRKS Merke 2.76 54 Pn Pn 07 18 11.5

AML Almayushy 2.79 68 P Pn 07 17 36.5 +0.5

AML Almayushy 2.79 68 P Pn 07 18 09.1 -0.8

EKS2 Erkin-Sayle 3.06 59 P Pn 07 17 40.0 +0.5

EKS2 Erkin-Sayle 3.06 59 P Pn 07 18 15.3 -0.9

ARLS Aral 3.17 76 P Pn 07 17 41.7 +0.7

ARLS Aral 3.17 76 P Pn 07 18 17.9 -1.1

UCH Uchter 3.40 70 P Pn 07 17 44.9 +0.5

UCH Uchter 3.40 70 P Pn 07 18 23.4 -1.6

AAK Ala-Archa 3.53 64 P Pn 07 17 48.5 +2.5

AAK Ala-Archa 3.53 64 P Pn 07 18 30.6

DNK 12 07:24:29.2;0.5,51:33N;16:13E,h50km,7km,ML2.1,

Hyocentre not reviewed by the ISC

VIE 12 07:24:30.9;1.4,51:43N;16:08E,h0km,mb2.24,ml2.94,

Error ellipse: s-maj=15.9km s-min=7.2km az=17.0 74 km

W/WV of Wroclaw Suspected Mining induced.

ISC 12 07:24:29.1;1.0,51:59N;0:04:16:11E;0:03,h0km,m24,

e0:71/52, Poland

Code Station Name Δ° AZZ Phase ID Time Res

KSP Ksiaz 0.76 171 P Pn 07 24 44.3 -0.9

KSP Ksiaz 0.76 171 P Pn 07 24 53.9 +0.5

CHVC Chvacek 1.00 182 eP Pn 07 24 48.9 -0.5

CHVC Chvacek 1.00 182 eP Pn 07 25 01.8 +0.5

OSTC Ostas 1.04 176 eP Pn 07 24 49.6 -0.3

OSTC Ostas 1.04 176 eP Pn 07 25 02.8 +0.4

UPC Ulice 1.09 183 eP Pn 07 24 50.2 -0.5

UPC Ulice 1.09 183 eP Pn 07 25 03.6 -0.4

DPC Dobruska-Polom 1.25 174 eP Pn 07 24 53.0 0.0

DPC Dobruska-Polom 1.25 174 eP Pn 07 25 08.6 -0.6

PVCC Panska Ves 1.44 223 eP Pn 07 24 56.9 +0.1

PVCC Panska Ves 1.44 223 eP Pn 07 25 15.3 -0.1

BRG Berggiesshobel 1.54 243 P Pn 07 24 58.7 +0.2

BRG Berggiesshobel 1.54 243 P Pn 07 25 18.8 +0.3

KRLC Kralkyly 1.58 164 eP Pn 07 24 58.7 -0.4

PRA Prague 1.86 216 eP Pn 07 25 04.2 +0.3

PRA Prague 1.86 216 eP Pn 07 25 27.5 -0.1

GOPC GO Pecny, Ondr 1.88 207 eS Sb 07 25 28.0 -0.3

PRU Pruhonice 1.89 212 eP Sb 07 25 02.5 -0.4

PRU Pruhonice 1.89 212 eP Sb 07 25 04.4 0.0

PRU Pruhonice 1.89 212 eP Sb 07 25 28.2 -0.3

Table with columns: KRUC Moravsky 2.54 176 ePN Pn 07 25 12.4 +0.9

NKC Novy Kostel 2.69 241 ePN Pn 07 25 13.5 -0.1

NKC Novy Kostel 2.69 241 ePN Pn 07 25 20.5 0.0

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HDA, CCB, BARN, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TXAR, USRK, MDJ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AAK, AAK, AAK, etc.

SOME 12 08:46:28.6, 40.63N-73.53E, h15km
ISU 12 08:46:29.1, 40.70N-73.64E, h20km
KRNET 12 08:46:29.3, 40.1, 40.62N-73.61E, h19km, mb3.3
NNC 12 08:46:29.2, 1.0, 40.63N-73.48E, h0km, mb4.0, mpv3.7
Error ellipse: s-maj=8.3km s-min=4.2km az=172.0
ISC 12 08:46:30.2, 1.3, 40.56N-73.47E, h0km, mb3.0, mpv3.7
n81, c1558/126, 38C-13D, Kyrgyzstan

Table with columns: KK31, Karatay Array, 53.67 301, P, P, 09 44 28.6 +0.1, 09 44 32.8, etc.

Table with columns: P53A Whipple, 46.83 353, P, P, 09 55 19.7 +0.4, 09 55 32.9 +0.7, etc.

Table with columns: SDCO Great Sand Dun, 6.08 278, Iamb_Lg, 09 53 44.8, SLM Saint Louis, 6.22 74, Pn, 09 51 57.2 -0.4, etc.

REN 12 09:44:37.1z2.1, 37.64N:0.01z1:118.92W:0.03, h6km, 5km, Error ellipse: s-maj=3.3km s-min=1.1km az=116.0

ISDC 12 09:50:24.7z1.9, 37.34N:98.00W, h0km, mb1 3.7/3, mb1mx3.4/39, mbmp3.4/3, ML 1.8/1, Error ellipse: s-maj=26.4km s-min=12.9km az=104.0

NSSP 12 10:19:05.9z0.0, 41.78N:45.78E, h10km, Ms3.1, NOR 12 10:19:05.9z0.0, 41.78N:45.84E, h14km, MPVA4.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, OMMB Old Mammoth Mi, 0.04 235, Op, 09 44 39.2 -0.9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, T35A Sooner Cattle, 1.13 103, Op, 09 50 46.4 -0.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, M44A Midewin, Midew, 8.71 58, Pn, 09 52 31.3 -0.4, etc.

NEIC 12 09:47:04.0z1.9, 7.11S:0.07z74:36W:0.04, h144km, 7km, mb4.4/23, Error ellipse: s-maj=11.7km s-min=2.0km az=208.0

ISDC 12 09:47:03.7z1.7, 7.09S:74.40W, h146km, 20km, mb3.8/7, mb1 3.7/13, mb1mx3.6/33, mbmp4.2/13, MS3.2/1

ISK 12 10:19:06.9, 41.86N:45.83E, h10km, ML3.3/4, DDA 12 10:19:06.8, 41.53N:45.84E, h8km, 1km, ML3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, ATAH Atauhaipa, 4.01 270, Op, 09 48 04.9 -2.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, Z35A Perchaven, San, 3.88 172, Iamb_Lg, 09 52 39.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, DDFL Dedoflistskaro, 0.43 148, Op, 10 19 15.5 +0.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like X55A Gracelyn & Ava, TEIG Tepich, KMSC Kings Mountain, V56A Mocksville, GOGA Godfrey, X54A Belton, T57A Hurl, PTGA Pitinga, PTGA Pitinga, TKL Tuckaleechee C, APG El Apazote, CCIG Comitan, TLIG Tiapa, ABTX Abilene, Hawle, TXAR Lajitas Array, TXAR Lajitas Array, LPZA La Paz, MNTX Cornudas Mount, ANMO Albuquerque, SDCO Great Sand Dun, PV17 East Wray Mesa, PDAR Pinedale Array, RLMT Red Lodge, RLMT Red Top Meadow, FWXY Fox Creek, DLMT Dillon, PFO Pinyon Flats O, CPUP Villa Florida, NVAR Mina Array Bea, NEW Newport, YKA Yellowknife Arr, ESCD Sonseca Array, DBIC Dimbokro, JIS Juneau Island, INK Inuvik, DAWY Dawson, TORL Toronto, ILAR Eielson Array, ILAR Eielson Array, ILAR Bear Paw Mtn, FINES FINESSE Array B, LZHZ Lanzhou, LZHZ Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

IDC 12 12:08:58.9; 3.7, 32.05N; 85.49E, h0km, mb3.2/2, mb1 3.4/5, mb1mx3.2/48, mbtmp3.3/5, ML3.3/3, Error ellipse: s-maj=80.7km s-min=30.6km az=61.0, Kizang

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arr, ZALV Zalesovo Beam, SONMG Songoing Array.

GCG 12 12:09:04.4; 1.0, 12.44N; 92.28W, h24km, 999km, MD4.2 NEIC 12 12:09:23.8; 3.6, 13.62N; 0.06-91.53W; 0.06, h35km, 2km, Error ellipse: s-maj=11.2km s-min=7.7km az=22.2 MEX 12 12:02:24.0; 0.5, 13.74N; 91.43W, h74km, 21km, MD4.1 IDC 12 12:09:25.3; 7.0, 13.59N; 91.44W, h57km, 38km, mb3.4/5, mb1 3.8/8, mb1mx3.5/26, mbtmp3.7/8, ML4.0/3, MS3.4/5, MS1.3.4/5, ms1mx3.0/36, Error ellipse: s-maj=80.1km s-min=31.0km az=1.0

ISC 12 12:09:24.3; 1.4, 13.65N; 0.09-91.54W; 0.05, h41km, 11km, n6, c205/73, mb4.0/10, MS3.4/3, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ERG Entres ros, FUG Fuego 3, STG3 Santiaguito 3, STG3 Pacaya, XIG Ixpaco, THIG THIG, THIG THIG, NBI Las Nubes, APG El Apazote, APG Serv Nac Est T, MRL Marmol, PCIG PCIG, PCIG PCIG, CCIG Comitan, CCIG Comitan, CCIG Comitan, TGIG TGIG, TGIG TGIG, TGIG TGIG.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CSGN Cosiguina Volc, TGUH Tegucigalpa, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, ESPN Las Esperanzas, TEIG Tepich, TEIG Tepich, TEIG Tepich, JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, BCIP Isla Barro Col, TXAR Lajitas Array, TX31 Lajitas Arr, TX32 Lajitas Array, RUCS Rucsa, OXF Oxford, MIAR Mount Ida, MNTX Cornudas Mount, MNTX Cornudas Mount, TKL Tuckaleechee C, TKL Tuckaleechee C, TKL Tuckaleechee C, TKL Tuckaleechee C, CCM Cathedral Cave, CCM Cathedral Cave, SJJ San Juan, BINY Bingham, BINY Bingham, PDAR Pinedale Array, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR McKenzie Canyo, NVAR Beach Ranch, E, SCHO Schefferville, YKA Yellowknife Arr, YKA Yellowknife Arr, BCAR Beaver Creek A, Eielson Array, Eielson Array, ILAR Eielson Array, TRF Thorfare Moun, MLY Manley, MLY Manley, TOLK Toolik Lake Re, TOLK Toolik Lake Re, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, LZHZ Lanzhou, LZHZ Lanzhou, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

STR 12 12:11:17.0; 1.3, 50N; 144.4E, h20km, 6km, ML1.5/4, Germany

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KTD Kalmit, KTD Kalmit, ABH Alteburg, LANF Langenberg, LANF Langenberg.

IDC 12 12:11:15.5; 1.1, 4.06S; 147.42E, h0km, mb4.2/6, mb1 4.4/8, mb1mx3.9/39, mbtmp4.1/8, ML1.4/1, MS3.5/14, MS1.3.5/14, ms1mx3.4/33, Error ellipse: s-maj=37.4km s-min=20.5km az=125.0 DJA 12 12:11:16.1; 2.5, 4.3S; 147.7E, h24km, 21km, M4.3/6, mb4.4/6, ML4.3/2

ISC 12 12:11:17.1; 0.9, 3.87S; 10.10-147.4E; 0.1, h10km, n21, c262/10, mb4.0/5, MS3.4/11, Bismarck Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT Keravat, PMVG Port Moresby, PMVG Port Moresby, PMG PMG, PMG PMG, HNR Honiara, WRA Warramunga Arr, WRA Warramunga Arr, WRA WRA, ASAR Alice Springs, ASAR Alice Springs, ASAR ASAR, DAV Davao City (W), FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ FITZ, DZM Dzumac, KAPI Kappang, STKA Stephens Creek, H11S3 WAKE ISLAND HY, H11S3 WAKE ISLAND HY, H11S1 WAKE ISLAND HY, H11S1 WAKE ISLAND HY, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, BRDH Baridaha, PALK Pallele, ZALV Zalesovo Beam, YKA Yellowknife Arr, YKA Yellowknife Arr, TORL Toronto, TORL Toronto.

IDC 12 13:14:36.8; 2.3, 1.90N; 124.12E, h330km, 27km, mb3.2/8, mb1 3.3/11, mb1mx3.1/44, mbtmp3.9/11, Error ellipse: s-maj=22.4km s-min=10.5km az=93.0

NEIC 12 13:14:36.1; 0.5, 1.89N; 0.09-124.11E; 0.09, h325km, 10km, mb4.5/23, Error ellipse: s-maj=13.8km s-min=12.8km az=53.0

DJA 12 13:14:36.7; 0.6, 2.7N; 12.7E, h316km, 4km, M4.3/12, mb4.7/1, mb4.3/5, ML4.3/12, Mw(m)/3.0/1

ISC 12 13:14:36.1; 0.5, 1.83N; 0.10-124.13E; 0.06, h323km, n59, c181/64, mb4.4/18, 1C-1D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KMSI Cibinong, KMSI Cibinong, MRSI Marisa, MRSI Marisa.

NNC 12 12:17:25.0; 0.8, 51.06N; 73.99E, h0km, mb3.7, mpv3.7, 2C-4D, Error ellipse: s-maj=6.6km s-min=5.1km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BRZS Berezni, BRZS Berezni, KURBB Kurchatov Arr, KURBB Kurchatov Arr, BRVK Borovoye, BRVK Borovoye, SEM Semipalatinsk, SEM Semipalatinsk, SEM Semipalatinsk, BTLS Baital, BTLS Baital, BTLS Baital, TDK Taldygorg'han, TDK Taldygorg'han, TDK Taldygorg'han, MAKZ Makanchi, MAKZ Makanchi, KAPS Kapalaran, KAPS Kapalaran, KAPS Kapalaran, MK31 Makanchi Array, MK31 Makanchi Array, ARXS Arharly, ARXS Arharly, ARXS Arharly, KUU Kurty, KUU Kurty, KUU Kurty, KTBS Karabote, KTBS Karabote, KTBS Karabote, DJR Jarkent, DJR Jarkent, DJR Jarkent, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, UZB Uzunbulak, UZB Uzunbulak, UZB Uzunbulak.

IDC 12 12:42:22.1; 1.2, 24.60N; 99.67E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/44, mbtmp3.4/5, ML3.5/1, Error ellipse: s-maj=38.2km s-min=17.3km az=82.0 BUI 12 12:42:24.0; 0.0, 24.59N; 99.54E, h5km, mb3.7/1, ML3.4/7

ISC 12 12:42:23.4; 1.0, 24.40N; 0.07-99.62E; 0.08, h10km, n24, c150/27, mb3.5/4, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, CM34 Chiang Mai Arr, CM34 Chiang Mai Arr, CM33 Chiang Mai Arr, CM33 Chiang Mai Arr, CM32 Chiang Mai Arr, CM32 Chiang Mai Arr, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

IDC 12 12:48:41.3; 1.8, 2.27N; 96.57E, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.5/45, mbtmp3.7/6, ML3.7/2, Error ellipse: s-maj=53.9km s-min=20.8km az=54.0

ISC 12 12:48:45.9; 1.6, 2.40N; 0.2-96.7E; 0.1, h30km, n9, c05/07, mb3.8/4, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PSI Prapat, PSI Prapat, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S3 Diego Garcia H, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

IDC 12 13:14:36.8; 2.3, 1.90N; 124.12E, h330km, 27km, mb3.2/8, mb1 3.3/11, mb1mx3.1/44, mbtmp3.9/11, Error ellipse: s-maj=22.4km s-min=10.5km az=93.0

NEIC 12 13:14:36.1; 0.5, 1.89N; 0.09-124.11E; 0.09, h325km, 10km, mb4.5/23, Error ellipse: s-maj=13.8km s-min=12.8km az=53.0

DJA 12 13:14:36.7; 0.6, 2.7N; 12.7E, h316km, 4km, M4.3/12, mb4.7/1, mb4.3/5, ML4.3/12, Mw(m)/3.0/1

ISC 12 13:14:36.1; 0.5, 1.83N; 0.10-124.13E; 0.06, h323km, n59, c181/64, mb4.4/18, 1C-1D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KMSI Cibinong, KMSI Cibinong, MRSI Marisa, MRSI Marisa.

IDC 12 13:14:36.8; 2.3, 1.90N; 124.12E, h330km, 27km, mb3.2/8, mb1 3.3/11, mb1mx3.1/44, mbtmp3.9/11, Error ellipse: s-maj=22.4km s-min=10.5km az=93.0

NEIC 12 13:14:36.1; 0.5, 1.89N; 0.09-124.11E; 0.09, h325km, 10km, mb4.5/23, Error ellipse: s-maj=13.8km s-min=12.8km az=53.0

DJA 12 13:14:36.7; 0.6, 2.7N; 12.7E, h316km, 4km, M4.3/12, mb4.7/1, mb4.3/5, ML4.3/12, Mw(m)/3.0/1

ISC 12 13:14:36.1; 0.5, 1.83N; 0.10-124.13E; 0.06, h323km, n59, c181/64, mb4.4/18, 1C-1D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KMSI Cibinong, KMSI Cibinong, MRSI Marisa, MRSI Marisa.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like LUWI, TINTI, Ternate, etc.

BER 12 13:21:11.8±2.3, 79.00N±2.99E, h10km, ML2.7, ML3.4(DNK), Confirmed Earthquake

DNK 12 13:21:12.3±5.2, 79.40N±3.18E, h116km, 128km, ML3.4, Hypocentre not reviewed by the ISC

IDC 12 13:21:12.3±0.7, 79.01N±2.79E, h0km, mb3.6/9, mb1.3/9/12, mb1mx3.6/37, mbmp3.7/12, ML3.0/3, MS3.3/5, Ms1.3/3.5, ms1mx3.0/42, Error ellipse: s-maj=21.5km s-min=14.3km az=48.0

NEIC 12 13:21:13.3±1.5, 79.10N±0.09±2.9E±0.3, h10km, 1km, mb4.6/9, Error ellipse: s-maj=16.0km s-min=7.7km az=34.0

IEPN 12 13:21:17.0, 79.09N±5.04E, h15km

ISC 12 13:21:12.0±0.5, 79.10N±0.06±2.99E±0.04, h10km, n52, c=3939/58, mb3.7/11, MS3.5/5, 1C-1D, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KBS, HSPB, DAG, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SCO, ARCES, ARES, etc.

BER 12 13:23:10.7±0.6, 71.08N±8.61W, h1km, 8km, ML1.4, Confirmed Earthquake, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like JAN, JMW, JNY, etc.

IDC 12 13:42:29.1±1.4, 34.69N±80.44E, h0km, mb3.4/3, mb1.3/8, mb1mx3.3/46, mbmp3.3/6, ML2.6/3, Error ellipse: s-maj=28.7km s-min=19.8km az=70.0, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like AAK, MKAR, CMAR, etc.

IDC 12 13:48:00.8±1.4, 34.58N±80.44E, h0km, mb3.5/3, mb1.3/8, mb1mx3.3/62, mbmp3.3/8, ML2.8/5, MS3.6/3, Ms1.3/3.3, ms1mx2.8/46, Error ellipse: s-maj=28.8km s-min=19.9km az=65.0

ISC 12 13:48:04.6±1.8, 34.84N±80.9±0.2, h10km, n12, c=133/9, mb3.4/3, MS3.8/3, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like AAK, WMO, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like CMAR, PALK, SONG, etc.

IDC 12 13:52:11.5±0.7, 17.23N±119.55E, h0km, mb3.9/18, mb1.4/0/19, mb1mx3.8/46, mbmp3.9/19, ML3.3/1, MS3.2/2, Ms1.3.2/2, ms1mx2.6/45, Error ellipse: s-maj=29.7km s-min=14.3km az=63.0

NEIC 12 13:52:13.2±1.6, 17.2N±0.1±119.43E±0.07, h8km, 5km, mb4.7/27, Error ellipse: s-maj=15.5km s-min=8.5km az=191.0

ISC 12 13:52:14.9, 17.29N±119.30E, h30km, mb4.9, ML3.8, MS3.8

ISC 12 13:52:14.1±1.7, 17.25N±119.45E±0.05, h14km, 11km, c=605, c=699/71, mb4.2/30, 2C, Philippine Islands region

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

CMAR Chiang Mai Arr 19.56 277 P P 13 56 41.5 -0.1

KSR5 Korea Array 21.46 19 P P 13 57 01.5 -0.6

SOMN Songino Array 32.33 343 P P 13 58 43.1 +0.2

WB0 Warrungunga Arr 39.61 158 P P 13 59 44.2 -1.2

WRA Warrungunga Arr 39.75 158 P P 13 59 45.2 -1.4

WB2 Warrungunga Arr 39.76 158 P P 13 59 45.2 -1.4

WR0 Warrungunga Arr 39.84 158 P P 13 59 45.6 -1.7

MK31 Makanchi Array 42.49 322 P P 14 00 09.6 +0.7

MKAR Makanchi Array 42.49 322 P P 14 00 09.4 +0.5

MK2 Makanchi Array 42.49 322 P P 14 00 09.6 +0.7

MAK2 Makanchi Array 42.68 322 P P 14 00 11.6 +1.1

ASR Alice Springs 43.05 160 P P 14 00 12.9 -0.8

NRN Naryn 44.28 312 P P 14 00 24.8 +0.1

ZAA0 Zalesovo Array 45.37 332 P P 14 00 31.8 0.0

ZALV Zalesovo Array 45.37 332 P P 14 00 31.9 +0.1

AAK Ala-Archa 45.74 313 P P 14 00 36.4 +1.3

AAK Ala-Archa 45.74 313 P P 14 02 18.3 +1.1

KURK Kurchatov 46.59 325 P P 14 00 42.0 +0.4

KURK Kurchatov 46.59 325 P P 14 00 43.1

KURBB Kurchatov Arr 46.59 325 P P 14 00 42.4 +0.8

GAR Garm 47.78 307 P P 14 00 51.4 +0.1

GAR Garm 47.78 307 P P 14 00 54.5

KK31 Karatay Array 48.67 313 P P 14 00 58.0 +0.1

KK31 Karatay Array 48.67 313 P P 14 00 59.2

KKAR Karatay Array 48.67 313 P P 14 00 58.1 +0.2

KKAR Karatay Array 48.67 313 P P 14 00 58.0 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Te Kaha, Pakihiroa, Puketiti, Raukumara Rang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sun Moon Lake, Yu-Shan, Full, etc.

TAP 12 13:56:57.2, 24.87N, 122.20E, h4km, ML2.6, 1C, C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiao Chiao, EOI1, NTC, etc.

TAP 12 13:56:50.2, 24.84N, 122.06E, h5km, ML2.4, 2C, C, Taiwan region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiao Chiao, NTC, TWPB, etc.

TAP 12 14:05:59.3, 6.8, 4.29N, 123.70E, h440km, 90km, mb2.9/7, mb1.3/0.7, mb1mx2.8/6.0, mb1tmp3.7/7, Error ellipse: s-maj=61.4km s-min=17.3km az=76.0

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

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

ISK 12 14:01:31.5, 39.79N, 32.56E, h4km, ML 1.8/8, Suspected Mining explosion. DDA 12 14:01:33.5, 39.81N, 32.62E, h1km, 5km, MW2.7

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

IDC 12 14:05:59.3, 6.8, 4.29N, 123.70E, h440km, 90km, mb2.9/7, mb1.3/0.7, mb1mx2.8/6.0, mb1tmp3.7/7, Error ellipse: s-maj=61.4km s-min=17.3km az=76.0

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

NEIC 12 14:10:34.3, 1.9, 26.0S, 0.1, 179.4E, 0.2, 2, h487km, 9km, mb4.6/25, Error ellipse: s-maj=21.2km s-min=16.7km az=122.0

IDC 12 14:10:37.5, 1.4, 25.89S, 179.26E, h519km, 15km, mb3.5/8, mb1.3/0.7, mb1mx3.4/3.0, mb1tmp4.3/1.1, Error ellipse: s-maj=30.9km s-min=12.8km az=167.0

ISC 12 14:10:35.7, 0.5, 26.04S, 0.0, 179.35E, 0.0, 8, h503km, n99, s185/104, mb4.4/16, 1C, South of Fiji Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Raoul Island, Green Lake, Nonsavu, etc.

Table with columns: LIOB, Emei, 1.31 268 P, Pn, 15 23 47.1 -0.5, mB4.7/1, ML4.3/15, MLv4.0/15, Mw(mb)3.9/1, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, WGMZ, Waiomatatini S, 3.29 194 P, Op, ISC, h m s ISC, 15 25 53.8 +2.1

Table with columns: KK31, Karatay Array, 5.92 350 P, Pn, 15 23 15.3 +2.4, 1.2nm, 0.3s, baz=161, slow=11, SNR=25

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ESL, WTP, TPUB, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TDCB, TWK1, TWK1, etc.

TAP 12 15:54:22.6,23.13N,-121.32E, h20km±1km, ML1.6, B,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CHKT, CHKT, FULB, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WHYT, WHYT, CHN1, etc.

TAP 12 15:54:34.4,23.98N,-121.00E, h16km±1km, ML0.9, 1C, A,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like DPDB, SMLT, TYC, etc.

GCG 12 15:56:50.6±0.7, 14.10N±9.148W, h46km±14km, MD3.8

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ERG, ERG, ERG, etc.

IDC 12 15:59:53.1±1.7, 4.62S±137.43E, h0km, mb3.7/2,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FAKI, MTN, COEN, etc.

ISC 12 15:59:58.4±0.9, 4.83S±0.07±137.3E±0.1, h35km, n17,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FAKI, MTN, COEN, etc.

IDC 12 17:00:40.4±0.7, 18.07S±66.95W, h267km±6km, mb3.4/6,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like LPAZ, LPAZ, G001, etc.

ISC 12 17:00:41.2±0.6, 18.07S±0.07±66.96W±0.09, h280km, n27,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like LPAZ, LPAZ, G001, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB10 IOPC Station P, GO02 Mina Guanaco, CFA Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KPJI Karang Pucung, CISI Cisampet, UGM Wanganaga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEX 12 17:02:58.1, GCG 12 17:03:10.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, ERG Fuego 3, ERG FUG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCG 12 17:13:20.9, IDC 12 17:13:24.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like XG Ixpaco, PCG Pacaya, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STG3 Santiaguillo 3, LALI Alcaldia de L, LALI Alcaldia de L, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNCH Conchagua, CCIG Comitán, CCIG Comitán, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Y49A Blount Mountain, LP1G La Paz, PLAL Pickwick Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTGA Pitinga, NVAR Mina Array Bea, SIV Ignacio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Arr, LZH Lanzhou, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INKA Inanaminka, LCRK Leigh Creek, OOD Oodnadatta, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QLP Qulpipe, QLP Qulpipe, HTT Hallett, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AS01 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCO Las Campanas, GO04 Tololo Observa, GO04 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like COEB Comit de Eme, MASN Masaya, MTO3 Montecristo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOZ Kozyrevsk, KBRTR Krotoberegovo, MA2 Madagan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SYO Syowa Base, H01W2 Cape Leeuwin H, BOSA Boshof, etc.

KRSC 12 17:43:34.4+0.5, 54.22N; 161.05E, h71km, 15km, ML4.3

MOS 12 17:43:35.7+0.3, 54.24N; 160.97E, h79km, mb3.9/1, Error ellipse: s-maj=11.3km s-min=4.1km az=78.0

IDC 12 17:43:36.8+0.4, 54.54N; 160.48E, h81km, mb3.3/10, mb1.3/8/12, mb1mx3.4/47, mbtmp3.7/12, MS2.7/1

Ms1 2.7/1, ms1mx2.4/31, Error ellipse: s-maj=19.1km s-min=9.6km az=142.0

ISC 12 17:43:35.8+0.7, 54.26N; 160.90E; 0.04, h78km, 6km, n103, r1934/167, mb3.6/10, 1C-1D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KII Karymskiy, KZV Kizimen, TUMD Tumrok D, etc.

IDC 12 17:49:59.9+0.9, 49.24S; 69.67E, h0km, mb4.1/8, mb1.4/2/9, mb1mx4.0/41, mbtmp4.1/9, ML4.3/1, Error ellipse: s-maj=25.8km s-min=22.9km az=157.0

ISC 12 17:50:01.4+0.8, 49.25S; 0.1; 69.7E; 0.1, h10km, n10, r0611/10, mb4.1/8, Kerguelen Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MA2 Madagan, MA21 Madagan, MA22 Madagan, etc.

MOS 12 17:55:41.8+1.1, 35.85N; 82.29E, h10km, mb4.5/12, Error ellipse: s-maj=4.7km s-min=4.8km az=108.7

IDC 12 17:55:41.9+0.6, 35.75N; 82.28E, h0km, mb4.1/19, mb1.4/2/4, mb1mx4.1/54, mbtmp4.1/24, ML3.8/5, MS3.8/22, Ms1 3.8/22, ms1mx3.6/49, Error ellipse: s-maj=18.3km s-min=12.6km az=42.0

Bull 12 17:55:42.9+0.0, 35.95N; 82.34E, h10km, mb4.6/18, Ms1 3.9/27, ML4.6/6, Ms4.3/2, Ms7.4/2, Error ellipse: s-maj=17.1km s-min=17.1km az=106.0

ISC 12 17:55:43.6+0.4, 35.83N; 82.28E; 0.04, h10km, n181, r196/173, mb4.3/35, MS3.9/19, 17C-8D, Xizang az=147.0

NINC 12 17:55:46.2+2.0, 36.28N; 82.33E, h0km, mb4.5, mpv4.5, Error ellipse: s-maj=21.1km s-min=17.1km az=106.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DHRM DHARAMSHALA, KSH Kashi, YKA Yellowknife Ar, etc.

Table with columns: AAK, 170nm, 1.2s, 9.09 321, cP, Pn, 17 57 56.0 +1.1, etc. Lists various astronomical objects and their properties.

Table with columns: SONM, comp=Z, 33nm, 0.9s, baz=241, slow=10, SNR=69, 18 09 25.1, etc. Lists astronomical objects with specific parameters.

Table with columns: DAG, Danmarks Havn, 57.88 345, i P, P, 18 05 37.2 +2.1, etc. Lists astronomical objects with coordinates and magnitudes.

IDC 12 18:09:31.9±0.8, 43:76N, 105:46W, hOkm, mb4.0/8, mb1.3/9/15, mb1mx3.7/6z, mbmp3.8/15, ML3.5/7, MS2.5/1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Rise, Set, etc. Lists station information and observation times.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Radium Mtn., EROS Data Cent, Trail Mountain, North Lily Mtn., etc.

IDC 12 18:10:36.4:51.0, 16:16S:175:83W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/51, mbtmp4.1/3, Error ellipse: s-maj=965.8km s-min=180.2km az=78.0, Tonga Islands

IDC 12 18:12:30.2:1.2, 1:85N:126:53E, h0km, mb3.8/6, mb1 3.9/7, mb1mx1.6/56, mbtmp3.6/7, ML4.6/1, MS3.1/2, MS1 3.2/2, ms1mx2.6/38, Error ellipse: s-maj=74.7km s-min=16.8km az=68.0

DJA 12 18:12:36.0:0.5, 2°N:5°12'7"E, h10km, MA.2/6, mB4.5/1, mB4.4/1, MLV4.1/6, MW(mB)3.7/1

NEIC 12 18:12:37.6:0.9, 1:8N:0°1'x126:73E:0.0, h63km, 13km, mb4.1/8, Error ellipse: s-maj=16.9km s-min=11.4km az=198.0

ISC 12 18:12:36.3:0.8, 1:89N:0:08h:126:70E:0.0, h47km, n27, s1911/27, mb4.0/9, Northen Molucca Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNT1 Ternate, KMS1 Cibinong, SAN1 Sanan, LUW1 Luwuk, etc.

IDC 12 18:15:08.0:0.5, 49:31S:69:57E, h0km, mb4.6/18, mb1 4.6/19, mb1mx4.4/47, mbtmp4.6/19, ML4.6/1, MS3.9/8, s-min=15.2km az=64.0

NEIC 12 18:15:11.4:1.4, 49:35S:0:1, 69:55E:0:07, h20km, 2km, mb4.9/23, Error ellipse: s-maj=16.3km s-min=6.2km az=183.0

ISC 12 18:15:09.7:0.3, 49:27S:0:08h:69:52E:0:07, h10km, n87, s1844/84, mb4.8/28, MS4.0/9, 2D, Kerguelen Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAF Port-au-Franc, I23FR Ker-guelen INFR, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W1 Cape Leeuwin H, BOS1 Boshof, BOS2 Boshof, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LEM1 Lembang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KBL Kabul, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOR1 Torodi Ar. Sit, TOR1 Torodi Ar. Sit, TOR1 Torodi Ar. Sit, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TX31 Lajitas Ar. Si, TXAR Lajitas Array, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

MAN 12 18:17:48.3, 14:88N:120:00E, h11km, mb4.5, ML3.3, MS3.1, 1C, Luzon

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCZP Santa Cruz, SCZP Santa Cruz, SCZP Santa Cruz, etc.

KRSC 12 18:18:36.1:1.6, 51:59N:153:77E, h469km, 24km, ML5.7, FELT [III]-IV at GMS Kronok

BUL 12 18:18:38.6:0.0, 52:16N:153:11E, h421km, mb4.8/51, SKHL 12 18:18:38.5:0.7, 52:09N:153:11E, h403km, 18km, mb5.6/7, msh5.5/11

BGR 12 18:18:39.5:0.0, 52:34N:153:30E, h400km, mb5.1, MOS 12 18:18:39.3:0.8, 52:12N:153:10E, h419km, mb4.7/40, Error ellipse: s-maj=5.4km s-min=3.5km az=68.9

IDC 12 18:18:40.9:0.4, 52:17N:153:07E, h418km, 4km, mb4.1/41, mb1 4.1/49, mb1mx1.4/1.66, mbtmp4.8/49, Error ellipse: s-maj=7.8km s-min=5.5km az=154.0

NEIC 12 18:18:41.1:1.4, 52:14N:0:08h:153:1E:0:1, h423km, 6km, mb4.8/434, Error ellipse: s-maj=1.1km s-min=10.8km az=121.0

GCMT 12 18:18:42.1:0.5, 52:07N:0:05:153:17E:0:08, h420km, 3km, MW5.1/50, Moment Tensor Solution, s0.65; Duration: 0. Moment Tensor: Scale 10^16Nm; Mn=2.77z-27; Mm=0.59z-40; Mw=2.19z-36; Mo=0.53z-50; Mw=2.42z-39; Mo=5.0z-41; Best doublet choice: Mo: 6.53800x10^16 Np1: 116.00000; s23.00000; lambda=142.00000. NP2: 3.500000; s76.00000; lambda=72.00000. Principal axes: T 6.6350, Pz9.00000; Azm66.00000; N -0.950, Plg18.0000; Azm166.00000; P -6.4410, Plg55.0000; Azm283.00000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 12 18:18:40.1:0.3, 52:01N:0:04h:153:20E:0:03, h418km, 2km, s117km, pP, n1274, s1131, 432, mb4.8/343, 36C-30D, Northwest of Kuril Islands

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

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

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

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

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

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

DALK	Dalny	3.55	71	PN	P	18 19 48.4 -0.6
DALK				S	S	18 20 42.7 -2.5
KOK	Koryaka	3.55	67	eP	P	18 19 49.7 +0.5
KOK	Koryaka	3.55	67	eP	P	18 19 49.7 +0.5
KOK	Koryaka	3.58	66	eP	P	18 19 49.1 +0.5
KRX	Arik	3.58	66	PN	P	18 19 49.1 -0.4
AVH	Avacha	3.60	67	eP	P	18 19 49.5 -0.1
AVH				eS	S	18 20 47.6 +1.3
AVH	Avacha	3.60	67	PN	P	18 19 49.5 -0.1
KRER	Koryakskii	3.62	67	eP	P	18 20 47.6 +1.3
KRER				eS	S	18 20 46.9 -0.3
KRER	Koryakskii	3.62	67	PN	P	18 20 48.4 +1.5
KRER				eS	S	18 19 50.1 +0.2
UGLR	Uglovaya	3.64	69	eP	P	18 20 48.4 +1.5
UGLR				eS	S	18 19 50.3 +0.3
UGLR	Uglovaya	3.64	69	PN	P	18 20 46.6 -0.3
UGLR				eS	S	18 19 50.3 +0.3
SMAR	Somma	3.64	68	eP	P	18 20 46.6 -0.3
SMAR				eS	S	18 19 49.9 -0.2
SMAR	Somma	3.64	68	PN	P	18 20 46.9 -0.3
SMAR				eS	S	18 19 49.9 -0.2
SDLR	Sedlovina	3.69	68	eP	P	18 20 46.9 -0.3
SDLR				eS	S	18 19 50.4 -0.4
SDLR	Sedlovina	3.69	68	PN	P	18 20 46.8 -1.0
SDLR				eS	S	18 19 50.1 -0.4
SDLR	Sedlovina	3.69	68	PN	P	18 20 46.8 -1.0
SDLR				eS	S	18 19 50.1 -0.4
NLC	Nalytchevo	3.93	70	eP	P	18 20 46.8 -1.0
NLC				eS	S	18 19 51.5 -0.5
NLC	Nalytchevo	3.93	70	PN	P	18 20 48.3 -3.2
NLC				eS	S	18 19 51.6 -0.8
NLC	Nalytchevo	3.93	70	PN	P	18 20 48.2 -3.2
NLC				eS	S	18 19 54.3 -1.6
SPN	Mys Shipunski	4.31	73	eP	P	18 20 50.7 -7.2
SPN				eS	S	18 19 54.9 -1.1
SPN	Mys Shipunski	4.31	73	PN	P	18 20 50.7 -7.2
SPN				eS	S	18 20 50.7 -7.2
ES0	Esso	5.09	37	eP	P	18 20 04.5 +0.9
ES0				eS	S	18 21 14.4 +2.4
ES0	Esso	5.09	37	PN	P	18 20 04.5 +0.9
ES0				eS	S	18 20 04.5 +0.9
ES0	Esso	5.09	37	PN	P	18 20 14.4 +2.4
ES0				eS	S	18 20 04.5 +0.9
KZV	Kizimen	5.25	51	eP	P	18 20 06.4 +1.0
KZV				eS	S	18 21 13.3 -1.9
KZV	Kizimen	5.25	51	PN	P	18 20 06.4 +1.0
KZV				eS	S	18 21 13.3 -1.9
TUMR	Tumrok	5.28	49	eP	P	18 20 07.2 +1.6
TUMR				eS	S	18 21 15.2 -0.4
TUMR	Tumrok	5.28	49	PN	P	18 20 06.4 +1.0
TUMR				eS	S	18 21 16.5 +0.9
TUMD	Tumrok D	5.35	50	eP	P	18 20 06.4 +0.2
TUMD				eS	S	18 21 16.5 -0.3
KMNR	Kamenistaya	5.61	45	eP	P	18 20 10.0 +1.1
KMNR				eS	S	18 21 23.0 +1.5
KMNR	Kamenistaya	5.61	45	PN	P	18 20 10.0 +1.1
KMNR				eS	S	18 21 23.0 +1.5
KOZ	Kozyrevsk	5.65	42	eP	P	18 20 11.1 +1.8
KOZ				eS	S	18 21 26.2 +3.7
KOZ	Kozyrevsk	5.65	42	PN	P	18 20 11.1 +1.8
KOZ				eS	S	18 21 26.2 +3.7
KPT	Kopyto	5.73	44	eP	P	18 20 11.4 +1.1
KPT				eS	S	18 21 25.5 +1.3
KPT	Kopyto	5.73	44	PN	P	18 20 11.4 +1.1
KPT				eS	S	18 21 25.5 +1.3
KIRR	Kirishev	5.78	44	eP	P	18 20 10.8 0.0
KIRR				eS	S	18 21 23.9 -1.2
KIRR	Kirishev	5.78	44	PN	P	18 20 10.8 0.0
KIRR				eS	S	18 21 23.9 -1.2
BZMR	Bezmyannaya	5.83	45	eP	P	18 20 12.4 +1.1
BZMR				eS	S	18 21 25.8 -0.3
BZMR	Bezmyannaya	5.83	45	PN	P	18 20 12.4 +1.1
BZMR				eS	S	18 21 25.8 -0.3
BZGR	Bezmyannyi-Gr	5.92	45	eP	P	18 20 12.5 +0.2
BZGR				eS	S	18 21 30.0 +2.1
BZGR	Bezmyannyi-Gr	5.92	45	PN	P	18 20 12.5 +0.2
BZGR				eS	S	18 21 30.0 +2.1
LGNR	Loginova	6.01	44	eP	P	18 20 14.7 +1.3
LGNR				eS	S	18 21 31.6 +1.7
LGNR	Loginova	6.01	44	PN	P	18 20 14.7 +1.3
LGNR				eS	S	18 21 31.6 +1.7
ZLN	Zelenaya	6.02	45	eP	P	18 20 13.9 +0.6
ZLN				eS	S	18 21 31.6 +1.9
ZLN	Zelenaya	6.02	45	PN	P	18 20 13.9 +0.6
ZLN				eS	S	18 21 31.6 +1.9
KRSR	Krestovskiy	6.04	43	eP	P	18 20 14.1 +0.6
KRSR				eS	S	18 21 30.3 +0.1
KRSR	Krestovskiy	6.04	43	PN	P	18 20 14.1 +0.6
KRSR				eS	S	18 21 30.3 +0.1
CIRR	Tsirik	6.06	44	eP	P	18 21 30.3 +0.1
CIRR				eS	S	18 20 15.0 +1.3
CIRR	Tsirik	6.06	44	PN	P	18 21 32.2 +1.7
CIRR				eS	S	18 21 32.2 +1.7
CIRR	Tsirik	6.06	44	PN	P	18 20 15.0 +1.3
CIRR				eS	S	18 21 32.2 +1.7
KLY	Klyuchi	6.14	43	eP	P	18 20 15.8 +1.3
KLY				eS	S	18 21 35.0 +3.1
KLY	Klyuchi	6.14	43	PN	P	18 20 15.8 +1.3
KLY				eS	S	18 21 35.0 +3.1
OKH	Okha	6.42	288	iP	P	18 20 16.5 -0.9
OKH				AMB	AMB	18 20 20.3
OKH	comp=E,2um,2.0s			eS	S	18 21 34.9 -2.4
OKH				A	A	18 21 43.2
OKH	comp=E,7um,4.0s			A	A	18 21 43.2
OKH	comp=E,5um,4.0s			A	A	18 21 43.2
OKH	Okha	6.42	288	iPN	P	18 20 18.4 +1.0
OKH				eS	S	18 21 38.4 +1.1
OKH	comp=Z,300nm,6.4s			smax	smax	
OKH	comp=N,2um,7.5s			smax	smax	
OKH	comp=E,2um,7.7s			MLR	MLR	
OKH	comp=E,500nm,14.0s			MLR	MLR	
OKH	comp=Z,300nm,7.0s			MLR	MLR	
BDR	Baidarnaya	6.54	43	eP	P	18 20 21.6 +2.2
BDR				eS	S	18 21 41.1 +1.1
BDR	Baidarnaya	6.54	43	PN	P	18 20 21.6 +2.2
BDR				eS	S	18 21 41.1 +1.1
SRKR	Sorokina	6.58	42	eP	P	18 20 21.3 +1.5
SRKR				eS	S	18 21 42.1 +1.7
SRKR	Sorokina	6.58	42	PN	P	18 20 21.3 +1.5
SRKR				eS	S	18 21 42.1 +1.7
SMKR	Semkarok	6.66	43	eP	P	18 20 21.9 +1.2
SMKR				eS	S	18 21 42.0 -0.4
SMKR	Semkarok	6.66	43	PN	P	18 20 21.9 +1.2
SMKR				eS	S	18 21 42.0 -0.4
KBG	Krutoberegovo	7.02	49	eP	P	18 20 22.6 -1.8
KBG				eS	S	18 20 22.6 -1.8
KBTR	Krutoberegovo	7.05	50	eP	P	18 20 22.8 -2.0
KBTR				eS	S	18 20 22.8 -2.0
KUR	Kuril'sk	7.64	210	iP	P	18 20 31.1 -0.4
KUR				AMB	AMB	18 20 32.0
KUR	comp=N,82nm,0.5s			iS	S	18 22 01.0 -1.3
KUR				A	A	18 22 09.0
KUR	comp=N,60nm,0.4s			A	A	18 22 09.0
KUR	comp=N,23nm,0.4s			A	A	18 22 09.0
KUR	Kuril'sk	7.64	210	iPN	P	18 20 30.7 -0.8
KUR				smax	smax	
KUR	comp=Z,82nm,0.5s			smax	smax	
KUR	comp=N,21nm,0.4s			smax	smax	
KUR	comp=E,15nm,0.4s			smax	smax	
UGL	Ulgorskiy	7.67	252	eP	P	18 20 31.4 -0.4
UGL				AMB	AMB	18 20 34.6
UGL	comp=Z,870nm,2.0s			AMB	AMB	18 20 35.0
UGL	comp=E,385nm,0.8s			eS	S	18 22 00.9 -1.9
UGL				A	A	18 22 09.0
UGL	comp=E,2um,4.0s			A	A	18 22 09.0
UGL	comp=E,530nm,4.0s			A	A	18 22 09.0
UGL	comp=E,240nm,1.2s			A	A	18 22 09.0
UGL	comp=E,530nm,1.2s			A	A	18 22 09.0
UGL	Ulgorskiy	7.67	252	ePN	P	18 20 33.2 +1.4
UGL				smax	smax	
UGL	comp=Z,385nm,0.8s			smax	smax	

MA2	Magadan	7.71	351	P	P	18 20 31.7 -0.2
MA2				eS	S	18 20 31.4 -0.5
MA2	Magadan	7.71	351	ePN	P	18 20 31.7 -0.2
MA2				smax	smax	
MA2	Magadan	7.71	351	P	P	18 20 31.9 -0.1
NKL	Nikolayevsk	7.71	283	eP	P	18 20 30.0 -2.1
NKL				AMB	AMB	18 20 34.0
NKL	comp=Z,221nm,0.9s			eS	S	18 22 01.1 -2.4
NKL				A	A	18 22 10.0
NKL	comp=Z,110nm,3.4s			A	A	18 22 10.0
NKL	comp=Z,760nm,3.4s			ePN	P	18 20 30.3 -1.8
NKL	Nikolayevsk	7.71	283	ePN	P	18 20 30.3 -1.8
NKL				smax	smax	
NKL	comp=Z,221nm,1.4s			smax	smax	
NKL	comp=N,7.0nm,1.1s			smax	smax	
NKL	comp=E,16nm,1.3s			eS	S	18 20 35.6 -0.1
NKL				A	A	18 20 35.6 -0.1
PALN	Palana	8.06	26	eP	P	18 20 37.6 -0.2
PALN				eS	S	18 22 08.9 -5.4
BKI	Bering	8.24	62	eP	P	18 20 38.9 -1.6
BKI				eS	S	18 20 43.3
BKI	Bering	8.24	62	PN	P	18 20 45.3
BKI				eS	S	18 22 18.0 -1.3
YSS	Yuzh-Sakhalins	8.47	237	iP	P	18 22 24.7
YSS				AMB	AMB	18 22 24.7
YSS	comp=E,1um,3.6s			A	A	18 22 25.0
YSS	comp=E,210nm,0.6s			A	A	18 22 25.0
YSS				eS	S	18 22 42.1 +1.6
YSS				A	A	18 20 21.4 +2.1
YSS	comp=E,3um,4.4s			smax	smax	
YSS	comp=E,2um,4.4s			smax	smax	
YSS	comp=E,60nm,1.2s			A	A	18 22 25.0
YSS	comp=E,100nm,1.2s			A	A	18 22 25.0
YSS	Yuzh-Sakhalins	8.47	237	iPN	P	18 20 21.4 +1.6
YSS				eS	S	18 22 42.1 +2.1
YSS	comp=Z,1um,3.6s			smax	smax	
YSS	comp=N,600nm,3.7s			smax	smax	
YSS	comp=E,700nm,3.7s			smax	smax	
YSS	comp=Z,210nm,0.6s			smax	smax	
YSS	comp=N,110nm,0.7s			smax	smax	
YSS	comp=E,90nm,0.7s			smax	smax	
YSS	comp=N,3um,4.4s			smax	smax	
YSS	comp=E,2um,3.2s			smax	smax	
YSS	comp=N,60nm,1.6s			smax	smax	
YSS	comp=E,100nm,1.9s			MLR	MLR	
YSS	comp=Z,300nm,11.0s			P	P	18 20 42.1 +1.6
OSSR	Tuzh-Sakhalins	8.47	237	eP	P	18 20 48.5 +0.9
OSSR				eS	S	18 22 32.5 -0.4
OSSR	Ossora	9.14	34	PN	P	18 20 48.5 +0.9
OSSR				eS	S	18 22 32.5 -0.4
OSSR	Yuzh-Kuril'sk	9.37	214	iP	P	18 20 50.5 +0.1
OSSR				AMB	AMB	18 20 52.0
OSSR	Yuzh-Kuril'sk	9.37	214	PN	P	18 22 36.5 -1.3
OSSR				eS	S	18 22 42.0
OSSR	comp=Z,240nm,0.4s			A	A	18 22 42.0
OSSR	comp=Z,988nm,1.7s			A	A	

12d 18h

Table with columns for call sign, name, frequency, power, and status. Includes stations like IMAR, CHIR, SONM, PPLA, etc.

2014 MAR

Table with columns for call sign, name, frequency, power, and status. Includes stations like XAN, XAN, XAN, EPYK, etc.

588

Table with columns for call sign, name, frequency, power, and status. Includes stations like A04D, ULHL, NLWA, ARU, etc.

12d 18h

2014 MAR

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Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal strength. Includes stations like GLA Glamis, ISCO Idaho Springs, WUAZ Wupatki, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal strength. Includes stations like G40A Rib Lake, BEL Belsk, ANMO Albuquerque, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal strength. Includes stations like BRG Bergiesshubel, CLZ Clausthal, FBE Freiberg, etc.

KHC	Kasperske Hory	73.53	334	i	P	18 29 28.0	-0.5
KHC	comp-Z,33nm,1.1s						
KHC	Kasperske Hory	73.53	334	P	P	18 29 28.2	-0.3
S39A	Bolivar	73.55	49	P	P	18 29 28.6	-0.2
L47A	Sherwood	73.60	41	P	P	18 29 28.7	-0.4
K49A	Clarkson	73.61	40	P	P	18 29 29.4	+0.3
GRA1	Grafenberg Arr	73.64	335	P	P	18 29 28.8	-0.3
GRA1	comp-Z,38nm,1.2s						
GRF	Grafenberg Arr	73.64	335	eP	P	18 29 29.3	+0.2
GRF	comp-Z,42nm,1.3s,baz=23,slow=5.8						
GRF	Grafenberg Arr	73.64	335	P	P	18 29 28.8	-0.3
D58A	Chemin du LacG	73.67	31	P	P	18 29 29.2	-0.2
P43A	Skaggs, Pawnee	73.70	46	P	P	18 29 29.3	-0.3
P43A	comp-Z,20nm,0.8s						
I51A	Listowel	73.71	38	P	P	18 29 30.0	+0.4
WET	Wetzell	73.71	334	eP	P	18 29 29.8	+0.3
GEC2	GERESS Array S	73.76	333	eP	P	18 29 29.6	-0.3
GEC2	comp-Z,16nm,1.5s,baz=23,slow=5.8						
GERES	GERESS Array S	73.76	333	P	P	18 29 29.2	-0.7
GERES	GERESS Array B	73.76	333	P	P	18 29 29.3	-0.6
GERES	GERESS Array B	73.76	333	P	P	18 29 28.9	-1.0
GERES	GERESS Array B	73.76	333	P	P	18 29 28.9	-1.0
TUL1	Leonard	73.79	52	P	P	18 29 31.7	+0.7
TUL1	comp-Z,38nm,0.9s						
X34A	Smith Ranch, M	73.82	54	P	P	18 29 31.4	+0.9
X34A	comp-Z,25nm,0.9s						
W35A	Tecumseh	73.86	53	P	P	18 29 31.7	+1.1
E57A	Chemin Saint G	73.87	32	P	P	18 29 30.0	-0.5
TRQ	Mont Tremblant	73.91	32	P	P	18 29 30.4	-0.4
TRQ	L48A	73.94	41	P	P	18 29 30.9	-0.1
L48A	N Adams	73.95	36	P	P	18 29 30.3	-0.7
H53A	Bobcaygeon	73.95	36	P	P	18 29 30.3	-0.7
AAM	Ann Arbor	73.95	40	P	P	18 29 30.9	-0.1
AAM	comp-Z,35nm,1.0s						
AAM	Ann Arbor	73.95	40	P	P	18 29 30.9	-0.1
AAM	comp-Z,35nm,0.9s						
AAM	Ann Arbor	73.95	40	P	P	18 29 31.1	+0.1
CONA	Conrad Observa	73.97	332	i	P	18 29 31.4	+0.2
GZR	Gura Zlata	74.01	326	i	P	18 29 30.1	-1.3
G55A	Catolobie	74.02	34	P	P	18 29 30.6	-0.7
SHME	Shamm	74.03	292	P	P	18 29 31.4	-0.8
BANOM	Banah	74.04	292	P	P	18 29 31.4	-0.4
MEM	Membach	74.04	339	P	P	18 29 30.7	-0.7
U38A	Gravette	74.05	51	P	P	18 29 31.9	+0.2
U38A	comp-Z,18nm,0.8s						
L49A	Milan	74.07	40	P	P	18 29 32.0	+0.3
BSTI	Sart Tilman	74.17	339	P	P	18 29 32.1	+0.1
E58A	La Victoria	74.19	31	P	P	18 29 32.1	-0.2
SLM	Saint Louis	74.20	47	P	P	18 29 32.6	+0.1
SLM	comp-Z,24nm,0.7s						
SLM	Saint Louis	74.20	47	P	P	18 29 32.6	+0.1
BZS	Buzia	74.21	327	i	P	18 29 31.2	-1.2
M48A	Edgerton	74.21	41	P	P	18 29 32.1	-0.4
M48A	comp-Z,28nm,0.7s						
M48A	Edgerton	74.21	41	P	P	18 29 32.9	+0.4
CCM	Cathedral Cave	74.22	48	P	P	18 29 32.0	-0.6
CCM	comp-Z,26nm,1.0s						
CCM	Cathedral Cave	74.22	48	P	P	18 29 32.0	-0.6
CCM	comp-Z,26nm,1.0s						
CCM	Cathedral Cave	74.22	48	P	P	18 29 33.1	+0.5
COPA	Copaneas	74.24	324	i	P	18 29 31.7	-0.9
BHOU	Houvezneqz	74.28	339	P	P	18 29 32.2	-0.6
N47A	Urbana	74.31	42	P	P	18 29 32.8	-0.3
N47A	comp-Z,44nm,1.4s						
N47A	Urbana	74.31	42	P	P	18 29 32.8	-0.3
BCLA	Clavier	74.38	339	P	P	18 29 32.3	-1.0
BCLA	comp-Z,10nm,1.4s						
J52A	Paris	74.39	38	P	P	18 29 45.9	+0.3
K51A	Iona Station	74.44	39	P	P	18 29 34.5	+0.7
BGES	Gesves	74.46	339	i	P	18 29 32.5	-1.2
ABTX	Abilene, Hawle	74.46	57	P	P	18 29 34.7	+0.6
ABTX	comp-Z,19nm,0.8s						
ABTX	Abilene, Hawle	74.46	57	P	P	18 29 35.0	+0.8
H55A	Tweed	74.47	35	P	P	18 29 33.7	-0.2
MGMO	Mountain Grove	74.47	49	P	P	18 29 33.4	-0.7
MGMO	comp-Z,25nm,1.1s						
MOA	Mollin	74.50	333	i	P	18 29 33.6	-0.5
L50A	Kingsville	74.51	40	P	P	18 29 34.2	0.0
M49A	Liberty Center	74.52	41	P	P	18 29 34.8	+0.5
HERR	Herculane	74.58	326	i	P	18 29 33.6	-0.9
BMRD	Maredous	74.60	340	P	P	18 29 33.9	-0.6
DMRD	Decatur	74.62	316	P	P	18 29 46.7	+0.1
N48A	Decatur	74.62	316	P	P	18 29 34.5	-0.3
BR131	Keakin Array S	74.62	316	P	P	18 29 34.3	-0.7
BR131	Keakin Array S	74.62	316	P	P	18 29 34.7	-0.3
BR131	comp-Z,14nm,1.1s						
BR131	Keakin Array S	74.62	316	P	P	18 29 34.7	-0.3
BRTR	Keakin Array B	74.62	316	P	P	18 29 34.8	-0.3
BRTR	comp-Z,12nm,1.1s,baz=63,slow=3.0,SNR=23						
BRTR	Keakin Array B	74.62	316	P	P	18 29 34.4	-0.6
ARSA	Arzberg	74.68	332	i	P	18 29 35.1	0.0
K52A	Tillsonburg	74.70	38	P	P	18 29 35.7	+0.4
P46A	Rosedale	74.72	44	P	P	18 29 35.5	0.0
P46A	comp-Z,25nm,0.8s						
G57A	Newington	74.74	33	P	P	18 29 34.7	-0.7
E60A	Ste Agathe de	74.77	30	P	P	18 29 35.5	0.0
DOU	Dourbes	74.83	340	i	P	18 29 35.6	-0.3
DOU	comp-Z,24nm,1.1s						
DOU	Yellville	74.84	50	P	P	18 29 48.6	+2.0
U40A	Yellville	74.84	50	P	P	18 29 35.7	-0.6
U40A	comp-Z,32nm,1.9s						
U40A	Yellville	74.84	50	P	P	18 31 08.4	+0.3
UO5S	Minazif	74.84	291	i	P	18 29 35.5	-0.9
UO5S	SNR=1.4						
UO5S	Minazif	74.84	291	P	P	18 29 35.3	-1.1
UO5S	comp-Z,24nm,1.1s						
UO5S	Minazif	74.84	291	P	P	18 29 35.5	-0.9
D62A	Alapoint, All	74.86	28	P	P	18 29 36.1	+0.1
TX31	Lajitas Ar. Si	74.90	62	P	P	18 29 37.8	+1.1
TX31	comp-Z,18nm,0.8s						

TX32	Lajitas Array	74.90	62	P	P	18 29 37.5	+0.8
TX32	comp-Z,19nm,0.8s						
TXAR	Lajitas Array	74.90	62	P	P	18 29 38.1	+1.3
TXAR	comp-Z,12nm,0.7s,baz=297,slow=4.3,SNR=50						
TXAR	Lajitas Array	74.90	62	P	P	18 31 08.9	+0.3
N49A	Columbus Grove	74.90	41	P	P	18 29 37.6	+0.9
N49A	comp-Z,14nm,0.8s						
N49A	Columbus Grove	74.90	41	P	P	18 29 36.3	-0.1
N49A	comp-Z,14nm,0.8s						
N49A	Columbus Grove	74.90	41	P	P	18 29 36.3	-0.1
MDVR	Moldovita	74.91	326	i	P	18 29 35.5	-1.0
M50A	Freemont	74.96	40	P	P	18 31 06.5	-2.1
HATD	Hatta, Dubai	74.98	291	i	P	18 29 36.8	-0.3
HATD	SNR=12						
HATD	Hatta, Dubai	74.98	291	P	P	18 29 36.4	-0.8
HATD	comp-Z,22nm,1.1s						
G58A	Ormsdown	75.02	33	P	P	18 29 36.4	-0.8
RJOB	Jochberg	75.02	334	eP	P	18 29 37.2	+0.1
WBK	Wadi Bani Khai	75.02	287	P	P	18 29 37.3	+0.1
O48A	Wadi Bani Khai	75.02	287	P	P	18 29 36.7	-0.6
ALVB	Plevin	75.10	324	i	P	18 29 36.9	-0.6
ASHO	Ashtiyah	75.13	291	i	P	18 29 37.5	-0.5
ASHO	SNR=11						
ASHO	Ashtiyah	75.13	291	i	P	18 29 37.1	-0.9
ORH	Orhaniye	75.16	319	eP	P	18 29 36.8	-1.1
SMDO	Samad	75.22	288	P	P	18 29 38.0	-0.6
SMDO	comp-Z,21nm,1.2s,SNR=8						
F61A	St Evariste	75.27	30	P	P	18 29 39.1	+0.7
F61A	SNR=5.2						
W39A	Magazine	75.34	51	P	P	18 29 39.1	+0.1
W39A	comp-Z,20nm,1.0s						
W39A	Magazine	75.34	51	P	P	18 29 39.8	+0.8
SOKA	Soboth	75.34	332	i	P	18 29 38.8	-0.2
PERS	Pernice	75.36	332	eP	P	18 29 38.4	-0.6
S44A	Carbondale	75.41	47	P	P	18 29 38.1	-1.1
N50A	Nevada	75.45	41	P	P	18 29 39.4	0.0
KBA	Koelbrenspers	75.47	333	i	P	18 29 40.2	+0.4
M52A	Chesterland	75.51	39	P	P	18 29 39.6	-0.2
M52A	Chesterland	75.51	39	P	P	18 29 39.8	0.0
BATG	Bathurst New B	75.53	26	P	P	18 29 39.4	-0.5
BATG	comp-Z,37nm,1.8s						
ERPA	Erie	75.54	38	P	P	18 29 39.5	-0.5
ERPA	Erie	75.54	38	P	P	18 29 40.0	0.0
FCAR	Ozark Folk Cen	75.57	50	P	P	18 29 40.3	0.0
FCAR	comp-Z,21nm,0.8s						
L53A	Girard	75.58	38	P	P	18 29 40.1	-0.1
H59A	Cadyville	75.58	33	P	P	18 29 39.8	-0.4
P48A	Milroy	75.61	43	P	P	18 29 40.3	-0.2
P48A	comp-Z,21nm,0.9s						
P48A	Milroy	75.61	43	P	P	18 29 40.3	

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Camas Ranch, Columbia Colle, GOF GOF, YERR YERR, FFC Flin Flon, LRM LRM, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BORG Borgarnes, SORM Soroca, U15A North Rim, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CHGR Chuyangaron, WSAR Wadi Sarin, WSAR Wadi Sarin, etc.

12d 19h: 19.16.21.1, 29.42N: 67.44E, h0km, mb3.6/8, mb1.3/8.9, mb1mx3.5/5.0, mbtrp3.7/9, ML4.0/1, MS3.3/3, Ms1.3/3.3, ms1mx2.8/4.6, Error ellipse: s-maj=32.2km, s-min=21.9km az=131.0, NEIC 12 19:25:18.3: 1.3, 29.37N: 0.07: 67.43E: 0.08, h18km, 6km, mb4.0/3, Error ellipse: s-maj=12.3km s-min=6.7km az=219.0, ISC 12 19:20:7.0: 0.8, 29.30N: 0.09: 67.43E: 0.10, h35km, n28, e184/27, mb3.7/8, Pakistan

MAN 12 19:24:00.4, 9.84N: 124.37E, h79km, mb4.0, ML2.7, MS2.3, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like TBP Tagbilaran, MSLP Maasin, MSLP Lapu-Lapu, etc.

BUI 12 19:25:41.8: 0.0, 23.11S: 174.161W, h21km, mb5.9/55, mb5.2/51, MS5.6/55, Ms7.5/47

NEIC 12 19:25:41.6: 2.6, 23.59S: 0.10: 175.17W: 0.1, h15km, 3km, mb5.2/16, Ms 2.0/5.7, 6/83, Mw5.4/77, Mw5.6, Mw5.6(GCMT), Error ellipse: s-maj=16.4km s-min=14.0km az=74.0

NEIC 12 19:25:41.23: 59S: 175.06W, h20km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mr1: 28, Mr2: 10, Mr3: 14, Mw: 0.50, Mw: 0.18, Mw: 0.45, Fault plane solution: Ms1.50000, NP1: 23.74000, 657.84000, 110.33000, NP2: 168.90000, 837.45000, 161.07000, Principal axes: T 1.5093, Plg7.00000, Azm339.00000, N 0.0202, Plg17.00000, Azm193.00000, P -1.5295, Plg11.00000, Azm99.00000, IDC 12 19:25:42.0: 0.4, 23.28S: 175.50W, h0km, mb4.7/25, mb1.4/26, mb1mx4.7/39, mbtrp4.7/26, ML4.9/1, MS5.2/25, Ms1.5/25, ms1mx5.1/39, Error ellipse: s-maj=16.0km s-min=14.0km az=139.0

GCMT 12 19:25:46.6: 0.1, 23.48S: 0.01: 174.74W: 0.01, h14km, MW5.6/163, Moment Tensor Solution, s134, c232, s163, c322, Duration: 185, Moment tensor: Scale 10^17 Nm, Mr1: 25.2: 0.4, Mr2: 0.44: 0.2, Mr3: 0.08: 0.3, Mw: 0.72: 0.6, Mw: 0.77: 0.2, Mw: 1.19: 0.6, Best double couple: M2: 824000: 1017, NP1: 197.00000: 828.00000, 182.00000, NP2: 26.00000: 860.00000, 194.00000, Principal axes: T 2.8940, Plg75.00000, Azm308.00000, N -0.1490, Plg4.00000, Azm204.00000, P -2.7530, Plg15.00000, Azm113.00000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rater function NEIC 12 19:25:46.23: 48S: 174.73W, h14km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mr1: 53, Mr2: 10, Mr3: 14, Mw: 0.70, Mw: 2.13, Mw: 0.69, Mw: 0.77, Mw: 1.48, Fault plane solution: Ms2.97000: 1017, NP1: 23.00000, 662.00000, 192.00000, NP2: 199.00000: 828.00000, 186.00000, Principal axes: T 3.0191, Plg73.00000, Azm298.00000, N -0.1107, Plg2.00000, Azm202.00000, P -2.9084, Plg17.00000, Azm111.00000, NEIC 12 19:25:46.23: 09S: 174.50W, h26km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mr1: 25.4, Mr2: 54, Mr3: 2.24, Mw: 0.41, Mw: 0.43, Mw: 1.34, Fault plane solution: Ms2.82000: 1017, NP1: 196.00000: 830.00000, 180.00000, NP2: 190.00000: 823.00000, 180.00000, Principal axes: T 2.9174, Plg75.00000, Azm290.00000, N -0.2135, Plg2.00000, Azm193.00000, P -2.7039, Plg15.00000, Azm103.00000, MOS 12 19:25:57.6: 2.1, 20.24S: 174.71W, h33km, mb5.2/13, MS5.6/31, Error ellipse: s-maj=14.3km s-min=9.8km az=103.8

ISC 12 19:25:41.0: 4.3, 23.57S: 0.05: 175.03W: 0.05, h10km, n728, e281/431, mb5.1/103, MS5.7/400, 25C-22D, Tonga Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like RAO Raoul Island, NIUE NIUE, MSVF Nonsavu, AFI Afiamalu, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Fox Glacier, Lake Benmore, Paee, Papeete, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MORW Morawa, CASY Casey, IMAT Mati, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KRSR, KSAR, WJKA, etc.

597

CD2	S	ScS	19 50 17.9	-0.5
CD2	sS	sS	19 50 27.0	+9.1
CD2	pmx	pmx		
CD2	comp=Z,10.0nm,0.4s			
CD2	comp=Z,460nm,10.9s	LR	LR	
CD2	comp=Z,1.1um,23.3s	LR	LR	
CD2	comp=Z,2.1um,23.2s	LR	LR	
LVC	comp=Z,2.1um,24.5s			
LVC	comp=Z,2.1um,22.0s	94.79	117	IAMS_20 IAMS_20 20 11 31.0
PB01	IPOC Station P	95.03	115	IAMS_20 IAMS_20 20 12 11.7
X37A	Clayton	95.09	55	IAMS_20 IAMS_20 20 14 40.1
T35A	Sooner Cattle	95.24	52	IAMS_20 IAMS_20 20 14 22.9
TUL1	Leonard	95.34	53	IAMS_20 IAMS_20 20 14 37.5
PB11	IPOC Station P	95.48	114	IAMS_20 IAMS_20 20 13 49.6
DGMT	Dagmar	95.52	39	IAMS_20 IAMS_20 20 14 41.4
YAK	Yakutsk	95.98	337	eP P 19 39 06.7 -1.5
YAK	comp=Z,4.0nm,0.8s			
BGNE	Belgrade	96.04	47	IAMS_20 IAMS_20 20 14 53.7
342A	Flagon Creek	96.10	59	IAMS_20 IAMS_20 20 23 27.6
OTAV	Otavalo	96.12	93	IAMS_20 IAMS_20 20 12 41.7
MIAR	Mount Ida	96.42	55	IAMS_20 IAMS_20 20 15 20.5
INK	Inuvik	96.52	14	IAMS_20 IAMS_20 20 17 18.1
W39A	Magazine	96.53	55	IAMS_20 IAMS_20 20 14 55.2
U38A	Gravette	96.59	53	IAMS_20 IAMS_20 20 15 15.7
LZH	Lanzhou	96.81	306	eP P 19 39 12.2 -0.7
LZH				SS SKS 19 49 49.1 -1.1
LZH				SS SKS 19 57 14.4 +3.4
LZH	comp=Z,25nm,1.3s			
LZH	comp=Z,220nm,8.5s			
LZH	comp=Z,820nm,17.0s			
LZH	comp=Z,1.1um,17.3s			
HHAR	Hobbs	96.86	54	IAMS_20 IAMS_20 20 15 32.7
X40A	Basin Creek Fa	96.96	56	IAMS_20 IAMS_20 20 17 40.5
545A	Edgard	97.03	60	IAMS_20 IAMS_20 20 24 43.2
143A	Socs Landing	97.35	58	IAMS_20 IAMS_20 20 24 10.4
UJAL	University of	97.44	55	IAMS_20 IAMS_20 20 15 40.4
U40A	Yellville	97.69	54	IAMS_20 IAMS_20 20 15 48.8
S39A	Bolivar	97.88	52	IAMS_20 IAMS_20 20 15 43.6
MDND	Maddock	97.95	41	IAMS_20 IAMS_20 20 17 13.7
FCAR	Ozark Folk Cen	98.05	54	IAMS_20 IAMS_20 20 16 13.3
ECSA	EROS Data Cent	98.06	46	IAMS_20 IAMS_20 20 16 31.1
YKA	Yellowknife Ar	98.15	24	P P 19 39 20.4 +2.3
YKA	comp=Z,1.0nm,1.0s,baz=235,slow=4.2,SNR=7.1			
LPZA	La Paz	98.36	112	LR LR 20 15 35.6
MGMO	Mountain Grove	98.44	53	IAMS_20 IAMS_20 20 16 43.5
D32A	Dogwood Acres	99.23	43	IAMS_20 IAMS_20 20 21 57.6
LPAR	Lepanto	99.31	55	IAMS_20 IAMS_20 20 19 05.7
C36M	Paulatuk	99.59	16	IAMS_20 IAMS_20 20 18 55.4
SCIA	State Center	99.61	49	IAMS_20 IAMS_20 20 16 42.3
PBMO	Poplar Bluff	99.65	54	IAMS_20 IAMS_20 20 17 22.8
GNAR	Gosnell	99.66	55	IAMS_20 IAMS_20 20 19 06.9
FFC	Flin Flon	99.71	34	IAMS_20 IAMS_20 20 21 15.8
PEBM	Pemiscott Bayo	99.83	55	IAMS_20 IAMS_20 20 17 37.2
S0NM	Songino Arra	99.86	318	P P 19 39 27.2 +0.9
S0NM	comp=Z,0.7nm,0.8s,baz=138,slow=4.7,SNR=4.5			
HALT	Halls	100.15	55	IAMS_20 IAMS_20 20 19 40.9
GLAT	Glass	100.32	55	IAMS_20 IAMS_20 20 18 21.4
HICK	Hickman	100.46	55	IAMS_20 IAMS_20 20 17 25.2
PLAL	Pickwick Lake	100.77	57	IAMS_20 IAMS_20 20 19 55.5
S44A	Carbondale	100.86	54	IAMS_20 IAMS_20 20 18 00.7
LRAL	Lakeview Retre	100.91	59	IAMS_20 IAMS_20 20 19 29.9
GTA	Gaotai	101.03	308	eP P 19 39 32.2 +0.5
GTA				pP pP 19 39 40.0 -3.6
GTA				sP sP 19 39 44.0 +1.2
GTA				SKS SKS 19 50 08.4 -2.8
GTA				S Sdf 19 51 04.7 -5.9
GTA				sS sS 19 51 18.7 +7.4
GTA	comp=Z,2.0nm,1.5s			
GTA	comp=Z,1.170nm,5.2s			
GTA	comp=Z,330nm,17.5s			
GTA	comp=Z,650nm,18.4s			
L40A	Anamosa	101.05	49	IAMS_20 IAMS_20 20 20 40.3
SPMN	Marine on St.	101.16	46	IAMS_20 IAMS_20 20 17 35.0
ULM	Lac du Bonnet	101.18	40	IAMS_20 IAMS_20 20 18 39.2
WVT	Waverly	101.37	56	IAMS_20 IAMS_20 20 20 36.3
P43A	Skaggs, Pawnee	101.37	52	IAMS_20 IAMS_20 20 18 13.7
Y49A	Blount Mountai	101.66	58	IAMS_20 IAMS_20 20 21 10.7
Z50A	Ashland	101.83	59	IAMS_20 IAMS_20 20 20 27.7
HDIL	Hopedale	101.86	51	IAMS_20 IAMS_20 20 18 17.9
V48A	Smith Brothers	102.00	56	IAMS_20 IAMS_20 20 20 46.0
JFWS	Jewell Farm	102.03	48	IAMS_20 IAMS_20 20 18 16.2
OLIL	Olney	102.08	53	IAMS_20 IAMS_20 20 18 25.0
747A	Sharon Grove	102.21	55	IAMS_20 IAMS_20 20 18 28.6
044A	Manfield	102.31	52	IAMS_20 IAMS_20 20 18 22.9
TIXI	Tiksi	102.42	344	i P P 19 39 36.1 -0.8
TIXI				pmx pmx
TIXI	comp=Z,1.0nm,1.3s			
TIXI	comp=Z,3.1um,22.0s			
Z51A	Franklin	102.44	59	IAMS_20 IAMS_20 20 21 07.4
CLTN	Cedars of Leba	102.49	56	IAMS_20 IAMS_20 20 21 20.0
SWET	Sewanee	102.50	57	IAMS_20 IAMS_20 20 21 27.3

2014 MAR

FPAL	Fort Paine	102.51	58	IAMS_20 IAMS_20 20 29 33.4
152A	Waverly Hall	102.58	60	IAMS_20 IAMS_20 20 19 59.2
G40A	Rib Lake	102.89	46	IAMS_20 IAMS_20 20 21 33.8
EYMN	Ely	102.99	43	IAMS_20 IAMS_20 20 19 29.3
P46A	Rosedale	103.03	52	IAMS_20 IAMS_20 20 18 53.2
U49A	Red Boiling Sp	103.05	56	IAMS_20 IAMS_20 20 21 28.9
K43A	Burlington	103.28	49	IAMS_20 IAMS_20 20 21 58.3
SFIN	Lafayette	103.37	52	IAMS_20 IAMS_20 20 19 06.0
BLO	Bloomington	103.39	53	IAMS_20 IAMS_20 20 19 28.5
T49A	Edmonton	103.44	55	IAMS_20 IAMS_20 20 21 41.0
Y52A	Lilburn	103.50	59	IAMS_20 IAMS_20 20 22 49.4
GOGA	Gedfrey	103.82	59	IAMS_20 IAMS_20 20 22 37.0
COWI	Conover	103.87	46	IAMS_20 IAMS_20 20 19 41.8
P48A	Milroy	104.28	53	IAMS_20 IAMS_20 20 20 17.3
TKL	Tuckaleechee C	104.31	57	IAMS_20 IAMS_20 20 19 41.2
F42A	Maple Grove Fa	104.42	46	IAMS_20 IAMS_20 20 19 47.4
R50A	Paris	104.72	54	IAMS_20 IAMS_20 20 20 08.0
TZTN	Tazewell	104.76	56	IAMS_20 IAMS_20 20 28 51.2
J45A	Montague	104.86	49	IAMS_20 IAMS_20 20 20 03.3
SS1A	Beattyville	105.07	55	IAMS_20 IAMS_20 20 22 34.3
H45A	Fountain	105.16	48	IAMS_20 IAMS_20 20 20 01.8
257A	Skidaway Islan	105.30	62	IAMS_20 IAMS_20 20 22 41.4
049A	Covington	105.31	53	IAMS_20 IAMS_20 20 28 50.4
T52A	Hallie	105.37	56	IAMS_20 IAMS_20 20 29 01.2
E43A	Lone Tree Farm	105.37	46	IAMS_20 IAMS_20 20 20 15.4
Z56A	Williston	105.45	60	IAMS_20 IAMS_20 20 23 11.7
PAUL	Paulsboro	105.56	59	IAMS_20 IAMS_20 20 23 32.1
N49A	Columbus Grove	105.64	52	IAMS_20 IAMS_20 20 23 10.4
PALK	Pallekele	105.92	271	IAMS_20 IAMS_20 20 25 20.6
KMCK	Kings Mountain	106.04	58	IAMS_20 IAMS_20 20 29 26.7
E44A	Grand Marais A	106.15	46	IAMS_20 IAMS_20 20 20 40.1
NHSC	New Hope	106.33	61	IAMS_20 IAMS_20 20 30 45.7
I47A	Gladwin	106.34	49	IAMS_20 IAMS_20 20 20 58.3
V55A	Taylorville	106.34	58	IAMS_20 IAMS_20 20 28 57.8
Y57A	Sumter	106.44	60	IAMS_20 IAMS_20 20 24 31.4
BIRD	Birdtown, Keas	106.57	59	IAMS_20 IAMS_20 20 33 48.9
SDV	Santo Domingo	106.64	87	IAMS_20 IAMS_20 20 18 58.8
SS4A	Dingess, Beckl	106.84	56	IAMS_20 IAMS_20 20 23 56.3
N51A	Ashland	106.95	52	IAMS_20 IAMS_20 20 20 43.9
W57A	Gilead	107.09	59	IAMS_20 IAMS_20 20 23 58.6
E46A	Sault Ste Mari	107.15	46	IAMS_20 IAMS_20 20 24 05.5
K50A	Casco	107.30	50	IAMS_20 IAMS_20 20 21 24.9
BLA	Blackwater, Kea	107.35	56	IAMS_20 IAMS_20 20 30 13.8
I49A	Point Hope	107.48	49	IAMS_20 IAMS_20 20 21 51.6
Y59A	Lois	107.64	60	IAMS_20 IAMS_20 20 25 19.1
M52A	Chesterland	107.86	52	IAMS_20 IAMS_20 20 21 44.0
R55A	Marlinton	107.88	55	IAMS_20 IAMS_20 20 24 20.8
V58A	Windy Hill, Pi	107.96	58	IAMS_20 IAMS_20 20 32 00.6
N53A	Lisbon	108.04	53	IAMS_20 IAMS_20 20 21 50.7
T57A	Hurt	108.19	57	IAMS_20 IAMS_20 20 23 34.0
MCWV	Mont Chateau	108.46	54	IAMS_20 IAMS_20 20 22 47.0
S57A	Dark Hollow, R	108.63	56	IAMS_20 IAMS_20 20 32 54.5
N54A	Moraine State	108.70	53	IAMS_20 IAMS_20 20 24 57.4
CNNO	Cliffs	108.77	59	IAMS_20 IAMS_20 20 24 31.9
ALLY	Alegheny Colle	108.77	52	IAMS_20 IAMS_20 20 22 12.9
Q56A	Snyder Ridge	108.79	55	IAMS_20 IAMS_20 20 30 58.8
M54A	Oil Creek Stat	109.08	52	IAMS_20 IAMS_20 20 22 33.2
U59A	Littleton	109.14	58	IAMS_20 IAMS_20 20 23 03.9
V60A	Jim Taylor Roa	109.40	59	IAMS_20 IAMS_20 20 31 37.7
R55B	Mineral	109.50	56	IAMS_20 IAMS_20 20 31 47.6
M57A	Roper	109.72	53	IAMS_20 IAMS_20 20 22 54.3
P57A	Homestead Farm	109.79	55	IAMS_20 IAMS_20 20 22 56.1
V61A	Poplar	109.94	59	IAMS_20 IAMS_20 20 32 02.2
CBN	Corbin Frederi	109.95	56	IAMS_20 IAMS_20 20 32 00.5
T60A	Surry	110.17	57	IAMS_20 IAMS_20 20 32 37.0
U61A	Possom Corner	110.19	58	IAMS_20 IAMS_20 20 31 32.5
V62A	Hyde County Ai	110.37	59	IAMS_20 IAMS_20 20 32 18.5
SDD	Santo Domingo	110.62	78	IAMS_20 IAMS_20 20 24 40.9
SDMD	Soldier's Deli	110.65	55	IAMS_20 IAMS_20 20 32 14.9
S57A	Sunshine Farm	110.89	53	IAMS_20 IAMS_20 20 24 13.1
WMQ	Ururupi	111.00	310	ePKP PKIKP 19 44 14.3 -0.9
WMQ	comp=Z,190nm,9.7s			
S61A	Accomac	111.12	57	IAMS_20 IAMS_20 20 32 47.6
DELO	Deloro Mine	111.25	50	IAMS_20 IAMS_20 20 26 23.9
Q60A	Greentoro	111.30	56	IAMS_20 IAMS_20 20 26 43.3
R61A	Willards	111.53	56	IAMS_20 IAMS_20 20 32 44.4
PLVO	Plevin	111.74	49	IAMS_20 IAMS_20 20 38 18.2
P61A	Hammonton	112.25	55	IAMS_20 IAMS_20 20 33 13.3
PTGA	Pittinga	112.56	101	IAMS_20 IAMS_20 20 23 34.0
NCB	Newcomb	113.53	51	IAMS_20 IAMS_20 20 26 08.8
ZALV	Zalesovo Bann	114.60	320	PKIKP PKIKP 19 44 22.2 +0.6
BDFB	Brasilia	115.19	122	IAMS_20 IAMS_20 20 29 58.2
FFD	Franklin Falls	115.28	52	IAMS_20 IAMS_20 20 29 25.2
MK31	Makanchi Array	115.29	312	PKP PKPdf 19 44 20.8 -2.4
MKAR	Makanchi Array	115.29	312	PKP PKPdf 19 44 22.8 -0.4

12d 19h

F63A	Nahmakanta, Br	117.39	49	IAMS_20 IAMS_20 20 27 26.8
KURK	Kurchatov	118.11	316	PKIKP PKPdf 19 44 28.1 -0.3
KURK	comp=Z,1.1um,19.0s			
KURK	Kurchatov	118.11	316	PKP PKPdf 19 44 28.1 -0.3
FRB	Robisher Bay	118.15	29	PKP PKIKP 19 44 31.0 +2.9
FRB	comp=Z,4.2nm,0.3s,baz=304,slow=3.6,SN			

MAN 12 19:48:52.5, 17.45N; 120.09E, h13km, mb4.5, ML3.4, MS3.2, 1C, Luzon
Code Station Name Az AZZ Phase ID Time Res
SIPP Brgy, Tapao 0.58 37f eP Op ISC h m s ISC

IDC 12 19:51:16.1; 8.4, 24.02S; 175.68W, h0km, mb4.0/3, mb1 4.1/3, mb1mx3.7/38, mbtmp3.9/3, Error ellipse: s-maj=291.0km s-min=98.2km az=148.0, South of Tonga Islands
Code Station Name Az AZZ Phase ID Time Res

IDC 12 19:56:30.0; 16.0, 23.05S; 176.65W, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.6/29, mbtmp3.7/2, MS4.5/2, Ms1 4.5/2, ms1mx3.7/33, Error ellipse: s-maj=598.4km s-min=100.1km az=142.0, South of Fiji Islands
Code Station Name Az AZZ Phase ID Time Res

IDC 12 20:01:09.8; 426.0, 19.03N; 54.42E, h0km, Error ellipse: s-maj=281.0km s-min=166.6km az=130.0, Eastern Arabian Peninsula
Code Station Name Az AZZ Phase ID Time Res

BJI 12 20:10:27.0; 0.0, 23.70S; 174.70W, h5km, mb5.9/11, mb5.3/28, Ms5.3/5, Ms7.5/15
IDC 12 20:10:30.5; 0.6, 23.16S; 175.34W, h0km, mb4.6/21, mb1 4.7/22, mb1mx4.6/34, mbtmp4.6/22, ML4.3/1, MS4.4/12, Ms1 4.4/12, ms1mx4.1/30, Error ellipse: s-maj=22.3km s-min=15.8km az=122.0
NEIC 12 20:10:31.7; 1.23; 1S; 0.1; 175.3W; 0.1, h10km, 1km, mb5.0/71, Error ellipse: s-maj=21.8km s-min=18.2km az=218.0
GCMT 12 20:10:33.0; 3.0, 23.47S; 0.03; 174.73W; 0.02, h21km, MW5.0/94, Moment Tensor Solution. s43,c55; s94,c119; Duration: 0 Moment tensor: Scale 1.0E19N; Mr3.86E+20; Mw=1.0E+12; Mw=2.8E+12; Mw=1.4E+12; Mw=0.17E+08; Mw=1.84E+20 Best double couple: ML4.19100; 1016 NFr1=195.00000; 320.00000; 1.77.00000; NFr2=0.30.00000; 662.00000; 1.97.00000; Principal axes: T 4.6140, Plg72.0000, Azm316.0000; N -0.8560, Plg6.0000, Azm207.0000; P -3.7680, Plg17.0000; Nst115.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 12 20:10:44.0; 1.7, 20.68S; 175.02W, h33km, mb5.1/10 Error ellipse: s-maj=18.4km s-min=12.2km az=96.3
ISC 12 20:10:34.5; 0.4, 23.35S; 0.08; 175.32W; 0.09, h30km, n281, e1965; 267, mb4.9/68, MS4.4/18, 18C-20D, Tonga Islands region
Code Station Name Az AZZ Phase ID Time Res

Code Station Name Az AZZ Phase ID Time Res
NIUE Niue 6.59 51 Op ISC h m s ISC
NIUE Niue 20 11 59.0 -10
NIUE Niue 20 13 01.4 -22
MSVF Nonsavu 8.36 311 P P 20 12 37.6 +3.8
MSVF Nonsavu 8.36 314 Pn Pn 20 12 30.9 +2.9
AFI Afiamalu 9.97 20 Pn Pn 20 12 47.9 -8.0
RAR 7.1nm, 0.3s, baz=107, slow=19, SNR=4.5
Rarotonga 14.55 85 Pn Pn 20 13 47.9 -8.6
RAR 5.3nm, 0.3s, baz=271, slow=5.6, SNR=6.8
RAR 20 16 12.6 -26
URZ 3.8nm, 0.3s, baz=131, slow=20, SNR=3.7
Urewera 16.21 202 Pn Pn 20 14 22.5 -0.4
URZ 1.1nm, 0.3s, baz=31, slow=7.5, SNR=4.7
URZ 0.4nm, 0.3s, baz=348, slow=17.5, SNR=3.1
URZ Urewera 16.21 202 P P 20 14 21.8 -1.1
DZM Mont Dzumac 16.88 271 eP P 20 14 34.3 +3.7
DZM 136nm, 1.5s
DZM comp=Z, 1um, 21.6s
DZM Mont Dzumac 16.88 271 Pn Pn 20 14 31.4 +0.8
DZM 0.2nm, 0.3s, baz=96, slow=18, SNR=2.3
DZM Mont Dzumac 16.88 271 P P 20 14 30.9 +0.3
RPZ Rata Peaks 23.21 206 P P 20 15 42.2 +3.2
RPZ 5.5nm, 0.3s, baz=28, slow=7.7, SNR=6.8
RPZ Rata Peaks 23.21 206 P P 20 15 41.6 +2.7
PAE Paea 24.74 82 eT T 20 14 14.0
PPT2 Papeete2 24.77 81 eLR LR 20 21 38.0
PPT Papeete 24.77 81 eLR LR 20 23 18.8
CTA Charters Tower 35.78 268 P P 20 17 31.6 +0.3
TAOE Nuku Hiva Isala 36.61 73 eLR LR 20 27 23.5
PMG Port Moresby 38.44 285 P P 20 17 53.6 -0.3
PMG 14nm, 0.9s, baz=84, slow=15, SNR=4.9
PMG comp=Z, 524nm, 19.9s, baz=166, slow=34
PMG Port Moresby 38.44 285 P P 20 17 52.7 -1.2
PMG comp=Z, 82nm, 1.0s
PMG Port Moresby 38.44 285 P P 20 17 52.8 -1.2
PMG comp=Z, 23nm, 1.0s
STKA Stephens Creek 38.91 248 P P 20 17 58.0 +0.3
STKA comp=Z, 2.4nm, 0.8s, baz=98, slow=13, SNR=12
STKA Stephens Creek 38.91 248 P P 20 17 58.0 +0.3
AS31 Alice Springs 46.36 259 P P 20 18 59.0 +0.6
ASAR Alice Springs 46.36 259 P P 20 18 57.6 -0.7
ASAR comp=Z, 4.6nm, 0.7s, baz=95, slow=8.1, SNR=37
ASAR comp=Z, 4.89nm, 19.2s, baz=10, slow=36
ASAR Alice Springs 46.36 259 P P 20 18 58.0 -0.3
WRD Warramunga Arr 46.54 264 P P 20 18 58.3 -1.4
WRD comp=Z, 7.5nm, 0.9s
WRAB Tennant Creek 46.72 264 P P 20 19 00.6 -0.6
WRAB comp=Z, 12nm, 0.8s
KNRA Kununurra 52.99 268 P P 20 19 48.2 -0.6
KNRA comp=Z, 36nm, 1.1s
FITZ Fitzroy Crossi 55.16 264 P P 20 20 04.8 +0.1

FITZ comp=Z, 16nm, 0.9s
VANDA Vanda 55.32 186 LR LR 20 20 05.8
SWI comp=Z, 161nm, 19.1s, baz=10, slow=35
Sorori 56.39 285 P P 20 20 12.9 -0.6
SOEI Soe 59.10 272 P P 20 20 33.6 +0.9
SANI comp=Z, 66nm, 1.1s
Sanana 59.58 272 P P 20 20 33.6 +0.9
SANI comp=Z, 14nm, 1.0s
EDFI Endre, Flores 61.83 272 P P 20 20 50.9 -0.5
KCP Kidapawan 65.55 290 eP P 20 21 15.4 -0.4
QSPA South Pole Qui 66.73 180 P P 20 21 24.4 +1.7
QSPA comp=Z, 4nm, 1.0s, baz=325, slow=1.3, SNR=8.6
QSPA South Pole Qui 66.73 180 P P 20 21 23.8 +1.0
QSPA comp=Z, 5.9nm, 0.9s
Majuro 73.97 323 P P 20 22 06.7 -0.5
Majuro comp=Z, 3.1nm, 0.8s, baz=11, slow=5.7, SNR=5.4
MAJO Matushiro 73.98 323 P P 20 22 06.6 -0.6
MAJO comp=Z, 6.0nm, 0.9s
Kamikawa-asahi 77.42 330 P P 20 22 27.0 +0.3
ASAJ Asahikawa 77.42 330 P P 20 22 27.0 +0.3
TPUB Ta-PU 77.60 302 P P 20 22 27.4 -0.8
SSLB Suanglung 77.61 303 P P 20 22 26.6 -1.7
SSLB comp=Z, 17nm, 0.9s
MDSI Maura Dua 79.53 270 P P 20 22 38.6 -0.5
MDSI comp=Z, 15nm, 1.0s
YSS Yuzh-Sakhalins 79.56 332 eP P 20 22 39.8 +1.4
YSS comp=Z, 30nm, 1.0s
YSS Yuzh-Sakhalins 79.56 332 P P 20 22 39.7 +1.3
PETK Petropavlovsk 79.77 344 P P 20 22 38.7 -0.2
PETK comp=Z, 10nm, 0.9s, baz=145, slow=9.1, SNR=8.8
PETK comp=Z, 178nm, 21.1s, baz=121, slow=31
PETK Petropavlovsk 79.77 344 P P 20 22 37.8 -1.1
MAW Mawson 79.77 344 P P 20 22 37.8 -1.1
MAW comp=Z, 13nm, 1.1s, baz=104, slow=12, SNR=2.8
CMB Columbia Colle 79.91 41 P P 20 22 39.5 -1.2
CMB comp=Z, 10.0nm, 1.2s
CMB Columbia Colle 79.91 41 P P 20 22 39.5 -1.2
ORV Oroville 80.24 39 P P 20 22 40.6 -1.7
ORV comp=Z, 2.0nm, 0.9s
ORV Oroville 80.24 39 P P 20 22 40.6 -1.7
WDC Whiskeytown Da 80.33 38 P P 20 22 42.4 -0.3
WDC comp=Z, 13nm, 1.1s
WDC Whiskeytown Da 80.33 38 P P 20 22 42.4 -0.3
MDPB Devils Postpil 80.45 42 P P 20 22 42.5 -1.3
MDPB comp=Z, 14nm, 1.1s
OMMB Old Mammoth Mi 80.49 42 P P 20 22 43.1 -1.0
KRSR Korea Array Be 80.68 318 P P 20 22 44.8 +0.2
KRSR comp=Z, 3.3nm, 0.8s, baz=137, slow=7.2, SNR=7.2
KRSR comp=Z, 172nm, 18.7s, baz=60, slow=34
KSAR Wonju Array Be 80.68 318 P P 20 22 44.1 -0.6
KSAR Wonju Array Be 80.68 318 P P 20 22 44.1 -0.6
YBH Yreka Blue Hor 81.00 37 P P 20 22 46.3 -0.2
YBH comp=Z, 8.0nm, 1.1s
YBH Yreka Blue Hor 81.00 37 P P 20 22 46.3 -0.2
YERR Yerington 81.21 41 P P 20 22 45.2 -2.5
NVAR Mina Array Bea 81.43 42 P P 20 22 49.0 +0.1
NVAR comp=Z, 1.6nm, 0.9s, baz=218, slow=8.3, SNR=9.8
NVAR comp=Z, 333nm, 21.1s, baz=256, slow=30
NVAR Mina Array Bea 81.43 42 P P 20 22 47.9 -1.0
HUMO Hula Mountain 81.46 36 P P 20 22 46.0 -2.8
HUMO comp=Z, 7.8nm, 1.1s
NV11 Mina Array Sit 81.52 42 P P 20 22 49.0 -0.4
NV11 comp=Z, 8.1nm, 1.1s
KVN Kaiserville 81.94 41 P P 20 22 50.2 -1.4
KVN comp=Z, 9.1nm, 1.1s
MSHR Mys Shultsa 82.08 323 P P 20 22 51.9 -0.1
USRK Ussuriysk Arra 82.72 325 P P 20 22 55.3 0.0
USRK comp=Z, 14nm, 0.8s, baz=121, slow=3.6, SNR=23
USRK Ussuriysk Ar. 82.72 325 P P 20 22 55.8 +0.5
USRK Ussuriysk Ar. 82.72 325 P P 20 22 55.8 +0.5
USAOB Ussuriysk Arra 82.72 325 P P 20 22 56.2 +0.9
USAOB comp=Z, 27nm, 1.1s
USAOB Ussuriysk Arra 82.72 325 P P 20 22 56.2 +0.9
PINE Pine Mountain 83.35 36 P P 20 22 58.7 -0.1
PINE comp=Z, 20nm, 1.1s
X16A Lo Mia Camp, P 83.52 48 P P 20 22 59.2 -0.7
X16A comp=Z, 4.7nm, 1.0s
WVOR Wild Horse Val 83.76 38 P P 20 22 59.5 -1.4
WVOR comp=Z, 12nm, 1.1s
WVOR Wild Horse Val 83.76 38 P P 20 22 59.5 -1.4
LCMT Little Creek M 83.78 45 P P 20 23 00.6 -0.6
F04A Amboy 83.99 34 P P 20 23 00.9 -0.9
CCUT Cedar City 84.02 45 P P 20 23 01.3 -1.1
KNB Kanab 84.06 46 P P 20 23 03.3 +0.7
KNB comp=Z, 8.0nm, 1.0s
KNB Kanab 84.06 46 P P 20 23 03.7 +0.7
U15A North Rim 84.08 46 P P 20 23 01.7 -1.2
U15A comp=Z, 15nm, 1.0s
WUAZ Wupatki 84.18 47 P P 20 23 01.0 -2.3
SZCU Shurtz Canyon 84.22 45 P P 20 23 02.9 -0.6
MDJ Mudjantj 84.28 324 P P 20 23 04.1 +0.8
I07A Ize 84.32 37 P P 20 23 02.6 -1.2
I07A comp=Z, 12nm, 1.2s
J08A Circle Bar Ran 84.43 38 P P 20 23 03.3 -1.0
J08A comp=Z, 9.3nm, 0.9s
G06A Carlson Farm, 84.46 35 P P 20 23 03.7 -0.6
G06A comp=Z, 16nm, 1.2s
SYO Syowa Base 84.48 192 P P 20 23 03.8 -0.3
SYO Syowa Base 84.48 192 eP P 20 23 07.8 +3.7
PKCU Pink Cliffs 84.64 45 P P 20 23 03.3 -2.5
ELK Elko 84.72 41 P P 20 23 04.1 -1.8
ELK comp=Z, 7.0nm, 1.1s
ELK Elko 84.72 41 P P 20 23 04.1 -1.8
ELK comp=Z, 6.5nm, 1.1s
D05A Enumclaw 85.06 33 P P 20 23 07.3 +0.1
MTPU Mount Pierson 85.06 35 P P 20 23 07.5 -0.4
SNA3 Sanae 85.09 178 P P 20 23 09.4 +2.2
VNA3 Neumayer Olymp 85.13 175 P P 20 23 01.1 +2.7
GRNR Gornyy 85.18 332 eP P 20 23 07.1 -0.6
GRNR comp=Z, 7.0nm, 1.1s
GRNR comp=Z, 190nm, 20.0s
MSU Marysval 85.33 45 P P 20 23 08.6 -0.5
MSU Marysval 85.33 45 P P 20 23 08.6 -0.5
G08A Pilot Rock 85.36 35 P P 20 23 09.1 0.0
G08A comp=Z, 14nm, 1.0s
PLCA Paso Flores 85.52 133 LR LR 20 23 36.7
PLCA comp=Z, 157nm, 21.6s, baz=286, slow=30
VNA2 Neumayer-Watz 85.60 176 P P 20 23 11.5 +1.8

IPM CN2 Changchun 85.95 277 P P 20 23 12.8 +0.4
CN2 86.07 321 eP Pmax 20 23 12.1 -0.2
KLR Kul'dur 86.25 328 P Pmax 20 23 11.3 -1.7
KLR comp=Z, 10.0nm, 1.4s
TMUT Trail Mountain 86.40 44 P P 20 23 14.1 -0.3
UBPT Khong Chiam 86.40 288 P P 20 23 16.1 +1.5
UBPT IAmB 20 23 29.8
comp=Z, 15nm, 1.2s
TX31 Lajitas Ar. Si 86.53 56 P P 20 23 13.1 -1.9
TX32 Lajitas Array 86.53 56 P P 20 23 13.0 -2.0
TXAR Lajitas Array 86.53 56 P P 20 23 15.4 +0.4
TXAR comp=Z, 1.0nm, 1.0s, baz=195, slow=7.3, SNR=3.5
TXAR comp=Z, 132nm, 18.7s, baz=0.0, slow=32
TXAR Lajitas Array 86.53 56 P P 20 23 14.6 -0.4
TXAR Lajitas Array 86.53 56 P P 20 23 14.6 -0.4
KULM Kulim 86.62 277 P P 20 23 16.9 +1.2
KULM comp=Z, 17nm, 1.0s
SRU San Rafael Swe 86.74 45 P P 20 23 14.0 -2.0
SRU comp=Z, 6.0nm, 1.1s
SRU San Rafael Swe 86.74 45 P P 20 23 14.0 -2.0
SRU Beach Ranch, E 86.77 36 P P 20 23 14.1 -1.8
F10A IAmB 20 23 30.7
TIA Tain 87.03 312 P Pmax 20 23 18.7 +1.5
TIA comp=Z, 28nm, 1.3s
RPSI Rantau Prapat 87.16 274 P P 20 23 18.3 -0.1
MA2 Magadan 87.20 343 P P 20 23 17.4 -0.1
MA2 comp=Z, 5.8nm, 0.8s, baz=121, slow=2.3, SNR=5.5
MA2 Magadan 87.20 343 P P 20 23 15.8 -1.6
MA2 comp=Z, 11nm, 1.1s
MA2 Magadan 87.20 343 P P 20 23 17.0 -0.4
MA2 comp=Z, 12nm, 1.0s
PSI Prapat 87.21 274 P Pmax 20 23 18.3 -0.5
comp=Z, 28nm, 1.0s
ANMO Albuquerque 87.28 50 P Pmax 20 23 16.1 -2.6
ANMO comp=Z, 2.0nm, 1.3s
ANMO Albuquerque 87.28 50 P P 20 23 17.1 -1.6
TRF Thorare Moon 88.73 11 P P 20 23 24.6 -0.3
PDAR Pinedale Arra 89.36 42 P P 20 23 28.4 -0.1
PDAR comp=Z, 0.7nm, 0.9s, baz=158, slow=1.0, SNR=2.6
PDAR LR LR 21 00 52.6
PDAR Pinedale Arra 89.36 42 P P 20 23 27.4 -1.0
ENH Enshi 89.69 303 P P 20 23 31.0 +1.0
SEY Seyrchnam 89.72 346 P P 20 23 29.4 +0.1
SEY comp=Z, 8.2nm, 1.0s, baz=155, slow=6.6, SNR=14
SEY Seyrchnam 89.72 346 P P 20 23 28.5 -0.8
WRH Wood River Hill 90.06 11 P P 20 23 30.7 -0.2
WRH comp=Z, 9.4nm, 1.2s
BCAR Beaver Creek A 90.12 15 P P 20 23 30.4 -0.9
DOT Dot Lake 90.12 13 P P 20 23 31.2 0.0
DOT comp=Z, 10nm, 0.9s
CCB Clear Creek Bu 90.28 11 P P 20 23 30.9 -0.9
CCB IAmB 20 23 44.2
comp=Z, 9.0nm, 0.9s
SLVN Son La 90.30 293 P P 20 23 32.6 -0.5
IL31 Siolon Array 90.56 12 P P 20 23 32.2 -1.0
ILAR Eielson Array 90.56 12 P P 20 23 32.8 -0.4
ILAR comp=Z, 6.1nm, 1.3s, baz=224, slow=6.1, SNR=8.7
ILAR Eielson Array 90.56 12 P P 20 23 31.8 -1.4
ILAR Eielson Array 90.56 12 P P 20 23 31.8 -1.4
IMAR Indian Moutai 90.56 9 P P 20 23 32.5 -0.7
PBKT Sadao Pong 90.78 288 P P 20 23 37.8 +2.1
ZEA Zeya 91.33 300 eP P 20 23 38.4 +6.6
DAWY Dawson 91.53 15 P P 20 23 38.4 +0.6
DAWY IAmB 20 23 51.8
EGAK Eagle 91.73 14 P P 20 23 38.4 -0.2
EGAK comp=Z, 11nm, 1.0s
EGAK comp=Z, 11nm, 1.1s
XIAN Xian 91.83 306 P Pmax 20 23 41.5 +1.6
XIAN comp=Z, 31nm, 1.0s
XIAN comp=Z, 350nm, 4.7s
XIAN comp=Z, 350nm, 17.1s
XIAN comp=Z, 460nm, 18.2s
XIAN comp=Z, 560nm, 18.1s
XIAN Xian 91.83 306 P Pmax 20 23 40.9 +1.0
XIAN comp=Z, 27nm, 0.9s
XIAN Xian 91.83 306 P P 20 23 40.9 +1.0
BILL Blibino 92.13 353 eP SP 20 23 40.3 -0.1
BILL comp=Z, 2.7nm, 1.1s
BILL comp=Z, 2.7nm, 1.1s
BILL comp=Z, 3.0nm, 1.1s
HIA Hailar 92.45 324 P Pmax 20 23 41.3 -1.1
HIA comp=Z, 4.0nm, 1.0s
KMI Kunming 92.85 296 P Pmax 20 23 47.5 +2.5
KMI comp=Z, 28nm, 0.9s
KMI comp=Z, 250nm, 14.8s
KMI comp=Z, 250nm, 16.9s
KMI comp=Z, 320nm, 18.2s
BMAR Burnt Mountain 93.36 11 P P 20 23 46.4 +0.2
CM31 Chiang Mai Arr 93.40 289 P P 20 23 50.0 +2.6
CMAR Chiang Mai Arr 93.40 289 P P 20 23 48.6 +1.2
CMAR comp=Z, 13nm, 0.9s, baz=127, slow=3.1, SNR=7.2
CMAR comp=Z, 109nm, 18.8s, baz=275, slow=36
CMAR Chiang Mai Arr 93.40 289 P P 20 23 48.3 +0.9
CMAR Chiang Mai Arr 93.40 289 P P 20 23 48.3 +0.9
CHTO Chiang Mai 93.54 289 Pmax Pmax 20 23 49.1 +1.0
CHTO comp=Z, 17nm, 1.0s
CHTO Chiang Mai 93.54 289 P P 20 23 47.4 -0.3
YKA Yellowknife Ar 98.07 24 P P 20 24 07.4 -0.3
SONM Songino Array 99.53 318 P Pdf 20 24 14.9 +0.2
SONM comp=Z, 0.5nm, 0.8s, baz=108, slow=4.7, SNR=3.1
SONM comp=Z, 0.2nm, 0.5s, baz=111, slow=7.6, SNR=3.8
SONM Songino Array 99.53 318 P Pdf Pmax 20 24 14.8 +0.1
SONM comp=Z, 1.0nm, 1.1s
SONM Songino Array 99.53 318 P Pdf 20 24 14.8 +0.1
SONM comp=Z, 2.0nm, 1.5s
MKAR Makanchi Array 114.95 312 PKPKP PKPdf 20 29 12.3 -0.1
MKAR Makanchi Array 114.95 312 P PKPKP PKPdf 20 29 11.9 -0.5
MKAR Makanchi Array 114.95 312 P PKPKP PKPdf 20 29 11.9 -0.5
KURBB Kurchatov Arr 117.82 316 PKP PKPdf 20 29 16.4 -1.4
KURBB comp=Z, 0.7nm, 0.7s, baz=97, slow=2.2, SNR=5.5
KSH Kashi 118.55 303 PKP PKIKP 20 29 28.6 +8.9
KSH Kashi 118.55 303 P PKP 20 30 11.9
KSH Kashi 118.55 303 P PK 20 30 39.9 +2.5
KSH Kashi 118.55 303 P PKSf 20 30 45.8 +8.0
KSH Kashi 118.55 303 P SKS 20 30 73.1
BVAR Borovoye Array 122.86 319 PKPKP PKIKP 20 29 27.5 -0.1
ARU Arti 128.95 325 P PKIKP PKPdf 20 29 38.2 -0.7
ARU 20 31 47.0
ARU 20 36 48.5
ARU 20 49 08.0 +4.5
OBN Obninsk 130.44 332 ePKPKH Pmax SS 20 29 56.3 -4.1
OBN comp=Z, 5.0nm, 0.8s

12d 20h

Table with columns: Call sign, Frequency, Mode, and other technical details. Includes stations like MBAR, ANN, ANN, SUW, SUW, AKASG, etc.

2014 MAR

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like NRCA, NRCA, NRCA, etc.

600

Table with columns: Call sign, Frequency, Mode, and other technical details. Includes stations like RAYN, RAYN, RAYN, etc.

AS31	Alice Springs	46.24 259	P	P	01 12 40.8	-0.3
ASAR	Alice Springs	46.24 259	P	P	01 12 48.5	+0.2
ASAR	comp=2.8nm,0.8s,baz=101,slow=7.2,SNR=28		P	P	01 13 01.1	+1.3
ASAR	comp=2.3,9nm,8.8s,baz=89,slow=8.4,SNR=9.6		pP	pP	01 14 34.6	
ASAR	comp=2.1,3nm,0.7s,baz=106,slow=3.6,SNR=4.2		P	P	01 12 47.9	-0.4
ASAR	Alice Springs	46.24 259	P	P	01 12 49.5	0.0
WR0	Warramunga Arr	46.41 264	I	Amb	01 12 51.3	
WB2	Warramunga Arr	46.58 264	P	P	01 12 50.5	-0.5
WB2	comp=2.12nm,0.6s		I	Amb	01 12 51.8	
WB0	Warramunga Arr	46.59 264	P	P	01 12 50.8	-0.3
WB0	comp=2.10nm,0.6s		I	Amb	01 12 51.8	
WRA	Warramunga Arr	46.59 264	P	P	01 12 50.4	-0.7
WRA	Warramunga Arr	46.59 264	P	P	01 12 50.5	-0.6
FOR	Forrest	50.44 248	I	Amb	01 13 19.6	-0.9
FORT	Fort	50.44 248	I	Amb	01 13 25.3	
KNRA	Kununurra	52.84 267	P	P	01 13 37.7	-0.9
FITZ	Fitzroy Crossi	55.02 264	P	P	01 13 54.3	-0.2
FITZ	comp=2.10nm,1.0s		I	Amb	01 13 57.6	
SOEI	Socorro	58.93 272	P	P	01 14 21.3	-1.1
NWAO	Narrogin (SRO)	59.30 244	P	P	01 14 24.2	-0.3
NWAO	comp=2.11nm,1.1s		I	Amb	01 14 27.7	
PSAA2	Pilbara Seismi	59.27 258	P	P	01 14 24.4	-0.8
PSAA2	comp=2.12nm,1.1s		I	Amb	01 14 25.7	
QSPA	South Pole Gts	66.92 180	P	P	01 15 15.1	+0.4
QSPA	comp=2.3,7nm,1.0s,baz=329,slow=0.9,SNR=7.4		P	P	01 15 14.1	-0.7
QSPA	South Pole Gts	66.92 180	I	Amb	01 15 33.2	
MJAR	Matsushiro Arr	73.73 323	P	P	01 15 55.6	-0.9
MJAR	comp=2.1,3nm,0.3s,baz=139,slow=5.1,SNR=3.1		P	P	01 16 22.5	-5.3
YSS	Yush-Sakhalins	79.31 332	P	P	01 16 28.8	+0.3
PETK	Petroglavovsk	79.44 332	P	P	01 16 28.8	+0.3
PETK	comp=2.5,8nm,0.7s,baz=138,slow=9.0,SNR=5.6		pP	pP	01 16 41.5	+1.0
PETK	comp=2.4,4nm,0.6s,baz=134,slow=8.6,SNR=3.3		P	P	01 16 23.1	-5.4
KRSR	Korea Array	80.42 318	P	P	01 16 34.7	+0.6
KRSR	comp=2.1,9nm,0.8s,baz=122,slow=5.7,SNR=3.7		pP	pP	01 16 46.7	+0.7
NVAR	Mina Array Bea	81.13 327	P	P	01 16 39.5	0.0
NVAR	comp=2.3,0nm,0.7s,baz=220,slow=5.6,SNR=4.4		pP	pP	01 16 51.8	+0.7
NVAR	comp=2.0,2nm,0.9s,baz=220,slow=8.7,SNR=12		pP	pP	01 16 45.8	+1.1
USRK	Ussuriysk Arr	82.47 325	P	P	01 16 51.4	-4.2
USRK	comp=2.11nm,0.9s,baz=140,slow=2.7,SNR=12		P	P	01 17 05.3	-0.6
SYO	Syowa Base	84.64 192I	eP	P	01 17 19.9	-1.0
TXAR	Lajitas Arr	86.55 56	P	P	01 17 30.4	-0.3
TXAR	comp=2.0,9nm,0.9s,baz=207,slow=7.8,SNR=4.3		pP	pP	01 17 22.9	-0.3
PDAR	Pinedale Array	89.32 42	P	P	01 17 35.3	0.0
PDAR	comp=2.0,5nm,0.8s,baz=252,slow=2.8,SNR=3.7		pP	pP	01 17 35.6	-1.6
ILAR	Eielson Array	90.40 112	P	P	01 17 35.9	-1.9
ILAR	comp=2.1,3nm,1.0s,baz=218,slow=5.2,SNR=7.7		pP	pP	01 17 57.3	-0.6
ILAR	Chiang Mai Arr	93.19 289	P	P	01 18 09.8	-0.2
CMAR	comp=2.8,8nm,0.9s,baz=123,slow=3.1,SNR=33		pP	pP	01 23 00.6	-0.4
CMAR	Chiang Mai Arr	93.19 289	P	P	01 23 12.6	-1.0
CMAR	Chiang Mai Arr	93.19 289	P	P	01 23 02.2	-0.4
CHTO	Chiang Mai	93.32 289	P	P	01 23 45.7	+0.2
YKA	Yellowknife Arr	97.26 42	P	P	01 23 46.9	-1.3
YKA	comp=2.0,3nm,0.8s,baz=229,slow=3.9,SNR=4.2		pP	pP	01 23 45.7	+0.2
YKA	comp=2.0,8nm,0.8s,baz=233,slow=4.4,SNR=6.8		pP	pP	01 24 00.8	+4.4
ZALV	Zalesovo Beam	114.02 320	P	P	01 24 03.0	-0.2
ZALV	comp=2.0,3nm,0.9s,baz=211,slow=1.7,SNR=2.4		pP	pP	01 24 15.2	-0.5
ZALV	comp=2.1,9nm,0.6s,baz=156,slow=1.2,SNR=6.1		pP	pP	01 23 47.8	+0.2
MKAR	Makanochi Array	114.71 312	P	P	01 23 46.9	-1.3
MKAR	comp=2.0,4nm,0.7s,baz=24,slow=0.1,SNR=4.4		pP	pP	01 24 08.8	+4.4
MKAR	comp=2.0,9nm,0.6s,baz=112,slow=0.2,SNR=8.7		pP	pP	01 24 03.0	-0.2
ARCES	ARCCESS Array B	131.94 360	pPKP	pPKP	01 24 16.7	+0.8
ARCES	ARCCESS Array B	131.94 360	pPKP	pPKP	01 24 16.7	+0.8
ARCES	ARCCESS Array B	131.94 360	pPKP	pPKP	01 24 16.7	+0.8
FINES	FINES Array B	138.96 344	P	P	01 24 02.5	-0.6
FINES	comp=2.5,4nm,1.2s,baz=47,slow=10,SNR=2.7		pPKP	pPKP	01 24 00.8	+4.4
NB2	NORSAR Subarray	148.27 325	P	P	01 24 03.0	-0.2
NB2	comp=2.0,9nm,0.8s,baz=10,slow=3.2		pPKP	pPKP	01 24 15.2	-0.5
AKASG	Malin Array Be	146.46 331	P	P	01 23 57.3	-4.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 15.2	-0.5
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 23 57.3	-4.5
AKASG	Malin Array Be	146.46 331	P	P	01 24 08.8	+4.4
AKASG	comp=2.9,5nm,0.7s,baz=40,slow=4.0,SNR=15		pPKP	pPKP	01 24 08.8	+4.4
AKASG	comp=2.2,6nm,0.5s,baz=40,slow=4.0,SNR=15					

VBMS	comp=Z,124nm,1.1s	17.64	23	P	P	01 25 09.3	-1.2
143A	Vicksburg	17.76	20	P	P	01 25 11.0	-0.8
319A	Socs Landing, Richard Creek	17.86	16	P	P	01 25 15.0	+2.1
419A	baz=139						
Z49A	Douglas	18.05	329	Pn	Iamb	01 25 13.5	-1.2
319A	comp=Z,66nm,1.1s					01 25 23.8	
MXSTX	Muleshoe	18.18	349	P	Pn	01 25 13.8	-2.5
MXSTX	Muleshoe	18.18	349	P	P	01 25 17.7	+1.1
W14R	White Oak Lake	18.19	15	P	P	01 25 15.3	-1.2
WLAR	comp=Z,88nm,1.1s					01 25 26.5	
121A	Cookes Peak, D	18.35	335	P	P	01 25 17.5	-1.0
121A	Cookes Peak, D	18.35	335	P	P	01 25 20.9	+2.3
X34A	Smith Ranch, M	18.43	2	P	P	01 25 18.5	-0.7
X34A	comp=Z,70nm,1.1s					01 25 36.1	
WMOK	Wichita Mounta	18.55	360	P	Pn	01 25 19.6	-1.2
WMOK	Wichita Mounta	18.55	360	P	Pn	01 25 20.1	-0.6
CCAR	Cane Creek	18.77	18	P	P	01 25 21.9	-1.4
CCAR	comp=Z,48nm,0.9s					01 25 32.5	
AMTX	Amarillo	18.90	352	P	P	01 25 22.6	-1.9
AMTX	comp=Z,48nm,0.9s					01 25 39.1	
AMTX	Amarillo	18.90	352	P	Pn	01 25 25.1	+0.1
MIAR	Mount Ida	18.90	13	P	Pn	01 25 24.0	-1.0
MIAR	Mount Ida	18.90	13	P	Pn	01 25 25.5	+0.5
X40A	Basin Creek Fa	19.02	15	P	Pn	01 25 25.5	-0.9
X40A	Basin Creek Fa	19.02	15	P	Pn	01 25 27.1	+0.7
W35A	Tecumseh	19.03	4	P	Pn	01 25 24.9	-1.6
FNO	Franklin	19.10	3	P	Pn	01 25 25.8	-1.6
OKCSW	OKLAHOMA CITY	19.24	3	P	P	01 25 27.1	-2.0
OKCFA	OKLAHOMA CITY	19.25	3	P	P	01 25 26.6	-1.6
OKCFA	comp=Z,102nm,0.9s					01 25 35.6	
UALR	University of Magazine	19.41	16	P	P	01 25 28.2	-1.8
W39A	Magazine	19.49	12	P	Pn	01 25 30.5	-1.5
W39A	Magazine	19.49	12	P	Pn	01 25 40.3	
W39A	Magazine	19.49	12	P	Pn	01 25 33.1	+1.1
TUC	Tucson	19.56	328	P	Pn	01 25 31.2	-1.8
TUC	Tucson	19.56	328	P	Pn	01 25 34.3	+1.3
W41B	Gary Mavity, V	19.82	15	P	Pn	01 25 35.1	-0.8
LRAL	Lakeview Retre	19.85	30	P	Pn	01 25 34.8	-1.6
LRAL	Lakeview Retre	19.85	30	P	Pn	01 25 35.6	-0.7
TUL1	Leonard	19.88	7	P	Pn	01 25 34.6	-2.1
TUL1	Leonard	19.88	7	P	Pn	01 25 45.1	
TUL1	Leonard	19.88	7	P	Pn	01 25 35.2	-1.5
WHAR	Wooley Hollow	19.92	15	P	P	01 25 34.6	-0.9
WHAR	comp=Z,92nm,1.2s					01 25 49.2	
ANMO	Albuquerque	20.04	341	P	Pn	01 25 39.0	+0.2
ANMO	comp=Z,0.3nm,0.3s,baz=151,slow=12,SNR=46					01 31 35.3	
ANMO	comp=Z,0.1nm,0.3s,baz=202,slow=19,SNR=1.7					01 34 24.3	
ANMO	Albuquerque	20.04	341	P	Pn	01 25 36.3	-0.8
ANMO	Albuquerque	20.04	341	P	Pn	01 25 51.3	
ANMO	Albuquerque	20.04	341	P	Pn	01 25 39.4	+0.7
OXF	Oxford	20.10	23	P	Pn	01 25 37.7	-1.6
OXF	Oxford	20.10	23	P	Pn	01 25 50.0	
OXF	Oxford	20.10	23	P	Pn	01 25 43.1	+3.8
U32A	Winter Ranch,	20.19	359	P	P	01 25 38.4	-2.0
MTDJ	Mount Denham	20.23	81	P	P	01 25 38.3	-0.3
MTDJ	comp=Z,83nm,1.1s					01 25 45.5	
214A	Organ Pipe Nat	20.39	323	P	Pn	01 25 40.7	-2.1
214A	Organ Pipe Nat	20.39	323	P	Pn	01 25 43.2	+0.4
HHAR	Hobbs	20.51	11	P	Pn	01 25 51.3	
HHAR	comp=Z,46nm,1.1s					01 25 41.3	-0.9
FCAR	Ozark Folk Cen	20.53	15	P	Pn	01 25 42.5	-2.3
Z50A	Ashland	20.56	32	P	Pn	01 25 43.8	-0.9
Z50A	Ashland	20.56	32	P	Pn	01 25 54.3	
U38A	Gravette	20.59	10	P	P	01 25 41.6	-1.3
U38A	comp=Z,47nm,0.9s					01 25 54.3	
W45A	Hickory Valley	20.75	22	P	Pn	01 25 44.7	-2.3
LPAR	Lepanto	20.78	19	P	Pn	01 25 44.5	-2.7
U40A	Yellville	20.80	13	P	Pn	01 25 44.9	-2.7
U40A	Yellville	20.80	13	P	Pn	01 25 46.2	-1.3
T35A	Sooner Cattle	20.80	5	P	P	01 25 44.7	-0.5
Y49A	Blount Mountai	20.80	30	P	P	01 25 44.2	-1.0
Y49A	comp=Z,35nm,0.9s					01 25 52.0	
LCAR	Lake Charles	20.96	17	P	P	01 25 46.1	-0.7
X16A	Snowflake	20.99	333	P	P	01 25 46.5	-0.9
X16A	comp=Z,32nm,1.0s					01 25 59.8	
X48A	Hartselle	21.01	27	P	P	01 25 46.2	-1.2
X48A	comp=Z,36nm,1.1s					01 25 53.6	
PLAL	Pickwick Lake	21.03	25	P	P	01 25 46.1	-1.5
PLAL	comp=Z,42nm,1.1s					01 25 55.9	
GNAR	Gosnell	21.20	20	P	P	01 25 49.4	-0.1
W18A	Petrified Fore	21.40	334	P	P	01 25 50.2	-1.5
W18A	Petrified Fore	21.40	334	P	P	01 25 54.2	+2.4
113A	Mohawk Valley,	21.54	323	P	P	01 25 50.5	-2.6
113A	comp=Z,33nm,1.1s					01 26 01.0	
T25A	Trinidad	21.57	347	P	P	01 25 55.6	+2.0
X16A	Lo Mia Camp, P	21.58	330	P	P	01 25 52.0	-1.8
FPAL	Fort Pine,	21.74	30	P	P	01 25 54.6	-0.8
FPAL	comp=Z,27nm,0.9s					01 26 07.1	
PBMO	Poplar Bluff	21.82	18	P	P	01 25 56.0	-0.1
GOGA	Godfrey	21.99	36	P	P	01 25 56.4	-1.5
GOGA	Godfrey	21.99	36	P	P	01 26 02.7	+4.8
HICK	Hickman	21.99	20	P	P	01 25 56.9	-0.9
Y14A	Wickenburg	21.99	326	P	P	01 25 56.8	-1.3
Y14A	comp=Z,41nm,1.1s					01 26 06.7	
S39A	Bolivar	22.00	11	P	P	01 25 57.2	-0.7
S39A	comp=Z,72nm,1.0s					01 26 07.2	
Y52A	Liburn	22.00	34	P	P	01 25 57.1	-0.1
Y52A	Liburn	22.00	34	P	P	01 25 62.0	+3.9
WVT	Waverly	22.12	24	P	P	01 25 58.5	-0.9
WVT	Waverly	22.12	24	P	P	01 26 01.0	+1.7
SWET	Sewanee	22.15	28	P	P	01 25 59.0	-0.7
SWET	comp=Z,46nm,1.0s					01 26 05.8	
V48A	Smith Brothers	22.20	26	P	P	01 25 59.3	-0.9
V48A	comp=Z,36nm,1.1s					01 26 08.7	
R32A	Long Quarter,	22.23	360	P	P	01 25 59.1	-1.4
R32A	comp=Z,74nm,1.1s					01 26 10.1	
GLA	Glamis	22.36	322	P	P	01 26 01.2	-0.8
GLA	comp=Z,40nm,1.1s					01 26 16.8	
GLA	Glamis	22.36	322	P	P	01 26 04.7	+2.7
GLA	comp=Z,134,SNR=18						
SDCO	Great Sand Dun	22.40	346	P	P	01 26 01.9	-0.7
SDCO	Great Sand Dun	22.40	346	P	P	01 26 03.8	+1.2
WUAZ	Wupatki	22.45	332	P	P	01 26 01.8	-1.2
WUAZ	Wupatki	22.45	332	P	P	01 25 06.6	+3.6
CBKS	Cedar Bluff	22.64	358	P	P	01 26 04.1	-0.8
CBKS	comp=Z,44nm,1.1s					01 26 14.2	
CBKS	Cedar Bluff	22.64	358	P	P	01 26 07.0	+2.1
GTBY	Quantanamo Bay	22.65	77	P	P	01 26 02.1	-3.0
Y12C	Blythe	22.69	324	P	P	01 26 03.8	-1.6
CLTN	Cedars of Leba	22.70	26	P	P	01 26 04.1	-1.4
CLTN	comp=Z,23nm,1.0s					01 26 16.3	
S22A	4UR Ranch, Cre	22.75	343	P	P	01 26 08.3	+2.0
MVCO	Mesa Verde	22.77	339	P	P	01 26 05.5	-1.1
MVCO	Mesa Verde	22.77	339	P	P	01 26 08.4	+1.8
CCM	Cathedral Cave	22.80	15	P	P	01 26 06.0	-0.6
CCM	Cathedral Cave	22.80	15	P	P	01 26 07.5	+0.9
IKP	In-K-Pah, Jac	22.87	319	P	P	01 26 10.5	+3.1
IKP	comp=Z,35nm,1.1s					01 26 10.5	+3.1
SWSC	Sam W. Stewart	22.88	320	P	P	01 26 10.5	+3.1
PDMC	Perker Dam,Lak	22.88	325	P	P	01 26 09.6	+2.1
CPCT	Cooper Cave	23.00	31	P	P	01 26 08.2	-0.5
CPCT	comp=Z,35nm,1.1s					01 26 16.1	
S44A	Catbndale	23.03	19	P	P	01 26 08.4	-0.6
KSCO	Kaye Sheddock'	23.09	352	P	P	01 26 08.8	-0.9
KSCO	Kaye Sheddock'	23.09	352	P	P	01 26 11.0	+1.3
T47A	Sharon Grove	23.16	24	P	P	01 26 09.1	-1.2
BC3	Big Chuckswall	23.16	322	P	P	01 26 12.8	+2.3
MONP2	Monument Peak	23.23	319	P	P	01 26 14.6	+3.3
BAR	Barrett	23.25	318	P	P	01 26 10.7	-0.5
Y55A	Saluda	23.29	37	P	P	01 26 09.4	-2.2
U49A	Red Boiling Sp	23.30	27	P	P	01 26 11.2	-0.6
U49A	comp=Z,30nm,1.1s					01 26 23.6	
IRM	Iron Mountain	23.34	323	P	P	01 26 14.3	+2.1
Q24A	Divide	23.48	347	P	P	01 26 17.1	+3.2
TKL	Tuckaleechee C	23.54	31	P	LR	01 26 14.5	+0.3
TKL	comp=Z,4.1nm,0.9s,baz=119,slow=13,SNR=2.9					01 38 10.3	
TKL	Tuckaleechee C	23.54	31	P	Iamb	01 26 13.2	-1.0
TKL	comp=Z,25nm,1.1s					01 26 27.1	
U15A	North Rim	23.62	332	P	P	01 26 14.1	-1.2
U15A	comp=Z,29nm,1.0s					01 26 31.6	
BELC	Belle Mtn, Jos	23.72	322	P	P	01 26 17.8	+1.6
XPFO	Pion Flat	23.73	321	P	P	01 26 14.3	-1.9
PFO	Pinyon Flats O	23.73	321	P	P	01 26 18.8	+2.6
PFO	comp=Z,3.0nm,0.9s,baz=119,slow=14,SNR=6.3					01 35 40.5	
PFO	Pinyon Flats O	23.73	321	P	P	01 26 14.8	-1.5
PFO	Pinyon Flats O	23.73	321	P	P	01 26 23.1	+6.9
NHSC	New Hope	23.74	41	P	P	01 26 19.7	+3.6
USIN	University of	23.81	22	P	P	01 26 15.8	-0.9
T49A	Edmonton	23.80	26	P	P	01 26 15.9	-0.7
T49A	Edmonton	23.80	26	P	P	01 26 18.6	+0.9
W54A	Cherokee Point	23.94	35	P	P	01 26 18.3	+0.3
GMRC	Grate Mounta	24.08	324	P	P	01 26 21.3	+1.8
SMCO	Snowmass	24.12	344	P	P	01 26 19.7	-0.6
SMCO	comp=Z,29nm,0.9s					01 26 31.3	
T50A	Nazareth	24.14	28	P	P	01 26 19.9	0.0
KNB	Kanab	24.34	332	P	P	01 26 21.5	-0.5
OLIL	Olney	24.35	20	P	P	01 26 21.2	-0.6
OLIL	comp=Z,46nm,1.1s					01 26 33.8	
TZTN	Tazewell	24.35	30	P	P	01 26 20.9	-1.0
TZTN	comp=Z,35nm,1.1s					01 26 32.4	
TZTN	Tazewell	24.35	30	P	P	01 26 23.0	+1.1
ISCO	Idaho Springs	24.38	347	P	P	01 26 20.9	-1.6
ISCO	comp=Z,20nm,1.1s						

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Isabella, Lake, Springville 2, Laurel Mtn Rad, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Black Canyon, Pasadena Art C, Silver Peak, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Shurtz Canyon, Kanab, Marconi Confer, etc.

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

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

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

UCR 13 05:45:21.8, 2.5; 12:55'N:87:82'W, h55km, 25km, ML4.6, mb4.0(NEIC)

UPA 13 05:45:21.7, 2.0; 12:06'N:88:18'W, h10km, 150km, MW4.8

INET 13 05:45:21.8, 1.2; 59'N:87:57'W, h70km, ML5.6

SNET 13 05:45:21.8, 0.9; 12:50'N:87:99'W, h20km, 3km, ML4.7

NEIC 13 05:45:22.3, 2.0; 12:63'N:0:05:87:71'W, 0.05, h81km, 4km, mb4.6/244, Md4.7(SNET), Error ellipse: s-maj=9.7km

IDC 13 05:45:22.1, 0.5; 12:81'N:87:50'W, h78km, 4km, mb4.1/22, mb1.4/227, mb1mx4.1/47, mbtmp4.2/27, MS3.8/23, Ms1.3.8/23, ms1mx3.7/37, Error ellipse: s-maj=16.8km

GCMT 13 05:45:22.3, 0.3; 12:56'N:0:02:87:90'W, 0.02, h74km, 4km, MW4.9/95, Moment Tensor Solution, s31, c34, s93, c128;

Duration: 0 Moment tensor: Scale 1016Nm; M=+22.12; Mw=0.85±.12; Mw0.37±.12; Mw-1.93±.06; Mw-0.6±.12; Mw-1.6±.06; Best double couple: M2.82000x1016

NP1: 310.00000; 877.00000; -8.800000; Principal axes: T 2.8630, Plg32.0000; Azm38.0000; N -0.0860, Plg2.0000; Azm129.0000; P -2.7780, Plg58.0000; Azm23.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GCG 13 05:45:26.3, 0.7; 12:32'N:88:05'W, h156km, 57km, MD4.6

ISC 13 05:45:21.8, 0.5; 12:52'N:0:04:87:80'W, 0.03, h78km, 3km, mb43.1/228/713, mb4.6/113, 3C-6D, Near coast of Nicaragua

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details. Includes stations like CSGN, LOND, LCNL, etc.

Main station list table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOQS, MATN, LGGN, etc.

Main station list table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VBMS, NAXT, NAXT, etc.

TKL	Tuckaleechee C	23.22	8	P	P	05 50 23.0 +0.8
TKL	comp=Z,30nm,0.9s,baz=180,slow=9.4,SNR=19					
TKL	TKL	06 00 50.0				
TKL	Tuckaleechee C	23.22	8	P	P	05 50 22.9 +0.7
TKL	comp=Z,34nm,0.9s					
GNAR	Gosnell	23.33	355	P	I Amb	05 50 23.8 +0.6
GNAR						05 50 39.5
W56A	Indian Trail	23.34	15	P	P	05 50 24.7 +1.4
V53A	Saluda	23.38	10	P	P	05 50 25.1 +1.4
CLTN	Cedars of Leba	23.40	3	P	I Amb	05 50 23.8 -0.1
CLTN	comp=Z,17nm,0.7s					05 50 26.4
FCAR	Ozark Folk Cen	23.49	351	P	P	05 50 24.5 -0.2
W57A	Gilead	23.52	16	P	P	05 50 25.9 +1.0
LCAR	Lake Charles	23.54	353	P	P	05 50 24.5 -0.6
X60A	Albert Glenn T	23.61	21	P	P	05 50 26.7 +1.0
W58A	Raeford	23.61	18	P	P	05 50 26.9 +1.2
V54A	Nebo	23.65	12	P	P	05 50 27.6 +1.4
X34A	Smith Ranch, M	23.70	339	P	P	05 50 27.7 +1.1
U49A	Red Boiling Sp	23.86	4	P	P	05 50 27.9 0.0
V55A	Taylorville	23.88	13	P	P	05 50 29.6 +1.4
W35A	Tecumseh	23.89	341	P	P	05 50 28.0 -0.2
PARMO	Parma	24.00	356	P	P	05 50 29.7 +0.5
V56A	Mocksville	24.01	15	P	P	05 50 30.8 +1.5
HEMN	Henderson Moun	24.04	357	P	P	05 50 29.7 +0.2
U40A	Yellville	24.07	350	P	I Amb	05 50 29.9 +0.1
U40A	comp=Z,16nm,0.8s					05 50 31.9
U40A	Yellville	24.07	350	P	P	05 50 30.2 +0.4
TZTN	Tazewell	24.12	8	P	I Amb	05 50 30.6 +0.2
TZTN	comp=Z,17nm,0.9s					05 50 34.4
TZTN	Tazewell	24.12	8	P	P	05 50 31.3 +1.0
FNO	Franklin	24.15	341	P	P	05 50 31.1 +0.5
PBMO	Poplar Bluff	24.17	355	P	I Amb	05 50 30.6 -0.1
PBMO	comp=Z,22nm,0.8s					05 50 32.2
WMOK	Wichita Mounta	24.17	337	P	P	05 50 30.9 +0.1
WMOK	Wichita Mounta	24.17	337	P	P	05 50 31.1 +0.1
HHAR	Hobbs	24.20	348	P	I Amb	05 50 31.1 +0.1
HHAR	comp=Z,14nm,0.8s					05 50 34.2
V57A	Coltrane Farms	24.27	16	P	P	05 50 32.9 +1.2
T47A	Sharon Grove	24.27	1	P	P	05 50 31.5 -0.2
TUL1	Leonard	24.28	344	P	I Amb	05 50 31.8 +0.1
TUL1	comp=Z,12nm,0.7s					05 50 36.1
TUL1	Leonard	24.28	344	P	P	05 50 33.1 +1.3
OKCSW	OKLAHOMA CITY	24.30	341	P	P	05 50 31.5 -0.5
T45A	Paducah	24.30	358	P	P	05 50 32.2 +0.3
OKCFA	Okelahoma City	24.31	341	P	I Amb	05 50 32.5 +0.4
OKCFA	comp=Z,18nm,0.7s					05 50 36.1
V58A	Windy Hill, Pi	24.36	17	P	P	05 50 33.3 +0.8
V58A	Windy Hill, Pi	24.36	17	P	P	05 50 33.7 +1.2
U54A	Nelsons Funny	24.39	12	P	P	05 50 33.5 +0.7
U54A	Nelsons Funny	24.39	12	P	P	05 50 34.1 +1.2
SMRT	St. Maarten	24.43	74	P	P	05 50 30.6 -2.7
T50A	Nancy	24.44	6	P	P	05 50 33.8 +0.6
U38A	Gravette	24.44	347	P	P	05 50 33.3 0.0
OK005	Luther M Schoo	24.45	341	P	P	05 50 35.5 +2.3
T49A	Edmonton	24.46	4	P	P	05 50 32.8 -0.6
T49A	Edmonton	24.46	4	P	P	05 50 33.7 +0.3
T42A	Van Buren	24.48	354	P	I Amb	05 50 32.8 -0.7
T42A	comp=Z,15nm,0.8s					05 50 34.4
T51A	Gray	24.48	7	P	P	05 50 34.7 +1.1
U55A	Taz, Sparta	24.54	13	P	P	05 50 35.4 +1.2
V59A	Middlesex	24.60	19	P	P	05 50 35.8 +1.1
T52A	Wise	24.71	10	P	P	05 50 36.4 +0.7
MGMO	Mountain Grove	24.75	351	P	P	05 50 35.9 -0.2
T52A	Hallie	24.76	9	P	P	05 50 37.2 +1.0
U57A	Blanch	24.90	16	P	P	05 50 38.6 +1.2
MNTX	Cornudas Mount	24.94	322	P	P	05 50 37.9 0.0
MNTX	Cornudas Mount	24.94	322	P	P	05 50 39.1 +1.2
T54A	Tazewell	24.96	12	P	P	05 50 39.2 +1.1
S44A	Carbondale	25.00	357	P	I Amb	05 50 38.1 -0.2
S44A	comp=Z,18nm,0.8s					05 50 39.6
U58A	Oxford	25.09	18	P	P	05 50 40.1 +0.9
S49A	Springfield	25.16	5	P	P	05 50 39.9 +0.1
T55A	Pulaski	25.19	13	P	P	05 50 41.5 +1.4
S51A	Beattville	25.19	8	P	I Amb	05 50 40.1 0.0
S51A	comp=Z,13nm,0.6s					05 50 43.6
S51A	Beattville	25.19	8	P	P	05 50 41.0 +0.9
MSTX	Muleshoe	25.25	330	P	P	05 50 41.1 +0.3
MSTX	Muleshoe	25.25	330	P	P	05 50 41.5 +0.7
U59A	Littleton	25.29	19	P	P	05 50 42.5 +1.6
BLA	Blacksburg	25.36	14	P	P	05 50 43.3 +1.6
S39A	Bolivar	25.45	350	P	I Amb	05 50 42.2 -0.1
S39A	comp=Z,18nm,0.6s					05 50 43.5
T57A	Hurt	25.45	16	P	P	05 50 43.7 +1.3
AMTX	Amarillo	25.49	333	P	I Amb	05 50 43.6 +0.8
AMTX	comp=Z,17nm,0.8s					05 50 49.5
CCM	Cathedral Cave	25.51	354	P	P	05 50 42.5 -0.4
CCM	comp=Z,15nm,0.8s					05 50 43.5
CCM	Cathedral Cave	25.51	354	P	P	05 50 43.1 +0.1
WCI	Wyandotte Cave	25.54	3	P	I Amb	05 50 43.3 +0.1
WCI	comp=Z,24nm,0.8s					05 50 44.6
WCI	Wyandotte Cave	25.54	3	P	P	05 50 43.7 +0.5
U60A	Pendleton	25.60	20	P	P	05 50 44.9 +1.2
R49A	Shelbyville	25.67	5	P	P	05 50 44.3 -0.1
U32A	Winter Ranch,	25.71	339	P	P	05 50 44.7 -0.2
R51A	Hillsboro	25.84	8	P	P	05 50 46.7 +0.8
S55A	Lewisburg	25.88	13	P	P	05 50 47.4 +1.1
OLIL	Olney	26.00	359	P	I Amb	05 50 47.1 -0.2
OLIL	comp=Z,20nm,0.9s					05 50 49.0
R53A	Hurricane	26.13	10	P	P	05 50 48.9 +0.4
R54A	Victor	26.16	12	P	P	05 50 49.6 +0.7
Q44A	Meyer Farm, Va	26.20	358	P	I Amb	05 50 49.0 -0.1
Q44A	comp=Z,10nm,0.7s					05 50 50.1
S57A	Dark Hollow, R	26.25	16	P	P	05 50 50.6 +1.0

Q48A	North Vernon	26.26	4	P	P	05 50 49.3 -0.4
Q49A	Aurora	26.40	5	P	P	05 50 51.0 0.0
R55A	Marlinton	26.45	14	P	P	05 50 52.4 +0.8
BLO	Bloomington	26.47	2	P	I Amb	05 50 51.3 -0.3
BLO	comp=Z,17nm,1.1s					05 50 52.0
Q51A	Peebles	26.59	8	P	I Amb	05 50 52.9 +0.2
Q51A	comp=Z,28nm,0.8s					05 50 55.4
Q51A	Peebles	26.59	8	P	P	05 50 53.4 +0.7
Q52A	Bidwell	26.69	10	P	P	05 50 54.5 +0.9
Q53A	Leroy	26.72	11	P	P	05 50 54.8 +1.0
R56A	Bull Pasture M	26.74	15	P	P	05 50 55.3 +1.2
NNA	Nana	26.76	156	LR	LR	05 59 44.7
P48A	Milroy	26.81	4	P	P	05 50 54.1 -0.5
R57A	Stanardsville	26.87	16	P	P	05 50 56.3 +1.1
P49A	Miami Univ. Ec	26.94	5	P	P	05 50 55.2 -0.6
Q54A	Coxs Mills	26.97	12	P	P	05 50 56.6 +0.5
Q54A	Coxs Mills	26.97	12	P	P	05 50 57.0 +0.9
121A	Cookes Peak, D	26.99	320	P	P	05 51 01.5 +4.9
R58A	Rapidan	27.02	17	P	P	05 50 58.0 +1.5
P51A	Williamsport	27.08	8	P	P	05 50 57.6 +0.6
Q55A	Buckhannon	27.14	13	P	P	05 50 58.7 +1.0
P53A	Whipple	27.35	11	P	P	05 50 59.6 +0.1
P53A	Whipple	27.35	11	P	P	05 51 00.5 +1.0
P52A	Corning	27.36	10	P	P	05 51 00.1 +0.5
P38A	Dawn	27.37	350	P	I Amb	05 50 59.4 -0.3
P38A	comp=Z,19nm,0.7s					05 51 01.4
Q56A	Snyder Ridge,	27.40	15	P	P	05 51 01.6 +1.7
O44A	Mansfield	27.43	359	P	I Amb	05 50 59.5 -0.6
O44A	comp=Z,15nm,0.9s					05 51 01.3
R32A	Long Quarter,	27.47	341	P	I Amb	05 51 00.4 -0.2
R32A	comp=Z,8.2nm,0.6s					05 51 01.5
KSU1	Kansas State U	27.50	345	P	P	05 51 00.9 0.0
O49A	Covington	27.62	6	P	I Amb	05 51 01.9 -0.1
O49A	comp=Z,13nm,0.7s					05 51 03.0
O49A	Covington	27.62	6	P	P	05 51 02.5 +0.5
P54A	Burton	27.64	12	P	P	05 51 02.8 +0.7
SFIN	Lafayette	27.65	1	P	P	05 51 01.3 -0.8
O50A	Cable	27.66	7	P	P	05 51 02.5 +0.2
O51A	Pataskala	27.80	9	P	P	05 51 04.0 +0.5
ACSO	Alum Creek Sta	27.82	8	P	I Amb	05 51 04.0 +0.4
ACSO	comp=Z,12nm,0.7s					05 51 06.1
ACSO	Alum Creek Sta	27.82	8	P	P	05 51 04.1 +0.4
MCWV	Mont Chateau	27.83	13	P	P	05 51 04.9 +1.2
HDIL	Hopedale	27.86	358	P	I Amb	05 51 03.5 -0.5
HDIL	comp=Z,11nm,0.7s					05 51 05.2
HDIL	Hopedale	27.86	358	P	P	05 51 04.2 +0.2
O52A	Adamsville	27.88	10	P	I Amb	05 51 04.5 +0.3
O52A	comp=Z,17nm,0.9s					05 51 05.5
O52A	Adamsville	27.88	10	P	P	05 51 04.8 +0.6
P56A	Dayton Farm, R	27.92	15	P	P	05 51 06.1 +1.5
ANMO	Albuquerque	27.93	326	P	P	05 51 05.4 +0.5
ANMO	Albuquerque	27.93	326	P	P	05 51 06.0 +1.1
ANMO	Albuquerque	27.93	326	P	P	05 51 07.5 +2.4
P57A	Homestead Farm	28.12	16	P	I Amb	05 51 07.5 +1.2
P57A	comp=Z,19nm,0.8s					05 51 08.8
P57A	Homestead Farm	28.12	16	P	P	05 51 08.1 +1.8
O53A	New Philadelphia	28.12	11	P	P	05 51 07.2 +0.8
CBKS	Cedar Bluff	28.16	340	P	I Amb	05 51 06.7 -0.1
CBKS	comp=Z,12nm,0.9s					05 51 09.0
CBKS	Cedar Bluff	28.16	340	P	P	05 51 07.4 +0.6
O54A	Avella	28.22	12	P	I Amb	05 51 06.8 -0.4
O54A	comp=Z,21nm,0.8s					05 51 08.8
O54A	Avella	28.22	12	P	P	05 51 07.8 +0.6
N48A	Decatur	28.23	4	P	P	05 51 07.2 -0.2
P58A	Pank, Wackersv	28.32	17	P	P	05 51 09.5 +1.4
Q60A	Greshboro	28.33	20	P	P	05 51 09.8 +1.6
N50A	Nevada	28.33	7	P	P	05 51 08.7 +0.4
N49A	Columbus Grove	28.37	6	P	I Amb	05 51 08.1 -0.5
N49A	comp=Z,17nm,0.8s					05 51 10.7
N49A	Columbus Grove	28.37	6	P	P	05 51 08.7 +0.2
N51A	Ashland	28.59	9	P	P	05 51 10.6 +0.1
N52A	McGinn's Farm,	28.59	10	P	P	05 51 11.1 +0.6
T25A	Trinidad	28.59	331	P	P	05 51 13.2 +2.3
N53A	Lisbon	28.73	11	P	P	05 51 12.4 +0.6
N53A	comp=Z,17nm,0.9s					05 51 13.7
N53A	Lisbon	28.73	11	P	P	05 51 12.4 +0.6
O57A	Amberson	28.90	16	P	P	05 51 14.3 +1.0
M49A	Liberty Center	28.93	6	P	P	05 51 13.4 -0.1
M50A	Fremont	28.97	7	P	P	05 51 14.2 +0.3
N54A	Moraine State	29.05	12	P	P	05 51 15.4 +0.8
N54A	Moraine State	29.05	12	P	P	05 51 15.0 +0.4
SSPA	Standing Stone	29.23	16	P	P	05 51 17.2 +1.0
L47A	Sherwood	29.33	4	P	P	05 51 16.7 -0.4
L48						

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like H58A Gabriels, F52A Sundridge, E44A Grand Marais A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like EGMT comp=Z,10nm,1.1s, EGMT Eagleton, WYVOR Wild Horse Val, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ASAR Alice Springs, ASAR comp=Z,1.5nm,0.7s, etc.

DJA 13 05:47:06.7, 0.5, 8.5, 5.5, 10.9E, h10km, M3.8, MLV3.8/8
IDC 13 05:47:11.2, 4.2, 7.7, 7.7, 109.43E, h75km, 56km, mb3.3/5,
mb1 3.5/6, mb1mx3.3/28, mbtmp3.6/6, ML3.7/1, Error
ellipse: s-maj=108.9km s-min=18.1km az=47.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KPJI Karang Pucung, KPJI Wanagama, UGM, etc.

INET 13 05:48:59.9, 12.629N-87.620W, h86km, ML3.8
SNET 13 05:49:00.2, 1.1, 12.53N-87.83W, h50km, 16km, ML3.2
ISC 13 05:48:59.4, 4.7, 12.5N, 0.2-87.80W, h30km, 18km,
n13, 0.046/25, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CNCH Conchagua, CNCH La Caada, CNCH, etc.

IDC 13 05:53:11.4, 11.0, 2.88N-127.53E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.5/25, mbtmp3.8/3, 1D, Error ellipse:
s-maj=186.3km s-min=173.6km az=136.0, Northern
Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WKP Kidapawan, WKP Warramunga Arr, ASAR Alice Springs, etc.

INET 13 05:56:38.1, 12.46N-87.82W, h64km, ML3.5
SNET 13 05:56:39.1, 0.8, 12.53N-87.85W, h33km, 9km, ML3.2
ISC 13 05:56:39.3, 0.3, 12.4N, 0.1-87.76W, h29km, 21km,
n14, 0.068/27, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CNCH Conchagua, CNCH La Caada, CNCH, etc.

IDC 13 06:00:20.8, 0.4, 23.23S-175.38W, h0km, mb4.8/20,
mb1 4.9/21, mb1mx4.9/26, mbtmp4.8/21, ML5.4/1, MS4.9/23,
MS1 5.0/23, ms1mx4.9/26, Error ellipse: s-maj=17.6km
s-min=14.3km az=110.0
BUJ 13 06:00:20.8, 0.0, 23.29S-175.44W, h7km, MB5.8/35,

Table with columns: TDK, Taldyqorghan, 4.94 349 Pg, Pb, 07 54 31.5 +2.6, etc.

UDC 13 07:55:40.5:1.5:45:73S:77:34W, h0km, mb4.0/8, mb1.4/1.0, mb1mx3.9/3.7, mbtmp4.0/1.0, ML3.6/2, MS4.0/9, Ms1 3.9/9, ms1mx3.6/3.0, Error ellipse: s-maj=38.8km s-min=28.4km az=84.0

NEIC 13 07:55:42.6:1.8, 45:62S:0:03:77.3W:0.2, 1.4km, h5km, mb4.4/3.0, Error ellipse: s-maj=24.6km s-min=2.2km bz=8.0

ISC 13 07:55:42.2:0.9, 45:63S:0:08:77.2W:0.2, h10km, n36, i126/29, mb4.2/1.0, MS4.2/6, Off coast of southern Chile

Main station list for Chile region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC

UCR 13 07:55:59.5:2.4, 12:49N:87:79W, h43km, 87km, ML3.7, SNET 13 07:56:00.7:1.0, 12:53N:87:89W, h32km, 4km, ML3.7

INET 13 07:56:00.2, 12:51N:87:76W, h64km, ML4.1, ISC 13 07:56:57.1:1.4, 12:42N:0:06:87.83W:0.05, h20km, 6km, n43, i102/72, 4D, Near coast of Nicaragua

Main station list for Nicaragua region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC

Table with columns: TECA Tecapa, 1.25 329 eP, Pb, 07 56 20.6 0.0, etc.

NEIC 13 08:22:17.5:3.0, 13:50N:0:07:90.46W:0.05, h55km, 7km, mb4.3/89, Md4.5(SNET), Error ellipse: s-maj=10.3km s-min=5.9km az=206.0

SNET 13 08:22:17.5:1.0, 13:46N:90:44W, h22km, 2km, ML4.5, UCR 13 08:22:17.4:4.7, 13:61N:90:44W, h20km, 12km, ML4.3

INET 13 08:22:18.1, 13:57N:90:40W, h12km, ML4.4, IDC 13 08:22:21.1:1.8, 13:79N:90:05W, h81km, 14km, mb3.6/9, mb1 3.8/1.2, mb1mx3.6/3.6, mbtmp3.9/1.2, MS3.2/2, Ms1 3.3/2, ms1mx2.9/2.7, Error ellipse: s-maj=30.3km s-min=14.0km az=52.0

GCG 13 08:22:23.1:0.7, 13:97N:90:64W, h56km, 13km, MD4.4, ISC 13 08:22:17.7:1.0, 13:50N:0:06:90.46W:0.05, h64km, 8km, n195, i133/242, mb4.2/4.0, 4C-9D, Near coast of Guatemala

Main station list for Guatemala region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC

GCG 13 08:15:22.7:0.4, 14:15N:91:52W, h50km, 175km, MD3.4, MEX 13 08:15:22.4:0.4, 13:89N:91:96W, h20km, 6km, MD3.8

ISC 13 08:15:18.4:2.7, 13:9N:0:2:91.73W:0.08, h61km, n7, i152/11, Near coast of Guatemala

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

Main station list for Mexico region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC

NEIC 13 08:22:04.6:1.4, 23:3S:0:1:175.0W:0.1, h10km, 1km, mb4.6/12, Error ellipse: s-maj=21.0km s-min=15.7km az=175.0

IDC 13 08:22:07.6:0.8, 23:00S:175:39W, h0km, mb4.2/12, mb1 4.4/1.3, mb1mx4.3/2.1, mbtmp4.1/1.3, ML3.7/1, MS3.7/2, Ms1 3.6/2, ms1mx3.1/3.5, Error ellipse: s-maj=38.6km s-min=18.7km az=153.0

ISC 13 08:22:10.6:0.6, 23:45S:0:10:175.4W:0.1, h30km, n36, i191/34, mb4.4/1.9, Tonga Islands region

Main station list for Tonga Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC

Table with columns: BRTR, BRG, Bergsiegshelmer, 151.68 348 ePKP, PKPbc, PKIKP, 08 42 02.5 +0.2, etc.

NEIC 13 08:22:17.5:3.0, 13:50N:0:07:90.46W:0.05, h55km, 7km, mb4.3/89, Md4.5(SNET), Error ellipse: s-maj=10.3km s-min=5.9km az=206.0

SNET 13 08:22:17.5:1.0, 13:46N:90:44W, h22km, 2km, ML4.5, UCR 13 08:22:17.4:4.7, 13:61N:90:44W, h20km, 12km, ML4.3

INET 13 08:22:18.1, 13:57N:90:40W, h12km, ML4.4, IDC 13 08:22:21.1:1.8, 13:79N:90:05W, h81km, 14km, mb3.6/9, mb1 3.8/1.2, mb1mx3.6/3.6, mbtmp3.9/1.2, MS3.2/2, Ms1 3.3/2, ms1mx2.9/2.7, Error ellipse: s-maj=30.3km s-min=14.0km az=52.0

GCG 13 08:22:23.1:0.7, 13:97N:90:64W, h56km, 13km, MD4.4, ISC 13 08:22:17.7:1.0, 13:50N:0:06:90.46W:0.05, h64km, 8km, n195, i133/242, mb4.2/4.0, 4C-9D, Near coast of Guatemala

Main station list for Guatemala region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PFVI, MORF, PTEO, PBDV, PCVE, MESJ, PNCL, PVAQ, PBEJ, EGRO, PMAFR, PBAR, EMIN, PMTG, PESTR, EBAD, PSBE, CNIL, PTOM, ESPR, PMRV, PCAS, LJUA, PCBR, ECAB.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ECAB, COI, COI, COI, COI, COI, HORN, ECEU, ECEU, SMIR, EMIJ, EMIJ, MTE, MTE, MTE, CHEFC, CHEFC, PVIS, PVIS, PVIS, PVIS, EMAL, EMAL, EADA, EADA, AVE, AVE, AVE, EPLA, EPLA, ZHG, ZHG, SICH, SICH, PVRL, PVRL, MVO, MVO, MVO, MVO, ELGU, ELGU, SRHM, PAB, PAB, EQU, EQU, PCAB, PCAB, PCAB, PCAB, LCRM, LCRM, ELOB, ELOB, ESDC, ESDC, EQES, EQES, EQES, PGAV, PGAV, PGAV, PGAV, EBER, EBER, EZAM, EZAM, PBRG, PBRG, PBRG, PBRG, EAH, EAH, ECAL, ECAL, ECAL, GUD, GUD, SESP, SESP, SESP, MD31, UCM, UCM.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like UCM, EAGO, EMAZ, EMAZ, ETOB, ETOB, EMUR, EMUR, EPON, EPON, ETOR, ETOR, EARI, EARI, AFON, EBEN, EMOS, EORO, EORO, EALK, SJPF, SJPF, SJPF, ETSF, ETSF, ETSF, ATE, ATE, EPF, EPF, EPF, LFF, LFF, LFF, RJF, RJF, RJF, PSMN, PSMN, PSMA.

IDC 13 09:19:17.1.6.1.2.53:96N:164.226W,h0km,mb4.1/23,mb1.4/22.5,mb1mx4.0/80,mbtmp4.1/25,ML3.3/2,MS3.3/7,Ms1.3/7,ms1mx2.9/53,Error ellipse: s-maj=29.1km s-min=15.1km az=169.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WESE, WESP, WRPK, WSTW, SSWL, SSSA, AKSA, AKUT, AKUT, AKUT, FALS, FALS, AKBBA, ZRO, AKLV, AKLV, AKMO, AKMO, AKGQ, AKRB, UNV, UNV, BALA, MINAT, MTBL, MREP, MSW, MSW, DYT, MGOD, MGOD, HAG, HAG, PVH, PVH, BKFG, SDPT, OKSP, CNBA, NIKH, VNGF, VNGF, CHGN, CHGN, SPIA, SII, ATKA, ATKA, GHSX, GSMY, KDAK, KDAK, KDAK, ANM, GHO, GHO, IMAR, GLB, ILAR, ILAR, ILAR, ILAR, BCAR.

13d 9h

Table with columns for station name, time, and other parameters. Includes stations like COLD, FYU, HHT, EGAK, DAWY, TOLK, WHY, INK, PEAOB, PETK, etc.

UPP 13 09:23:40.0.2.8, 64:60N:30:87E, h0km, ML1.7, Suspected explosion
HEL 13 09:23:40.0.1.6, 75N:30:68E, h0km, ML2.1, Explosion
KOLA 13 09:23:40.5, 64:76N:30:00E, h0km

NAO 13 09:23:42.5, 1.3, 64:82N:30:12E, ML2.4
BER 13 09:23:44.9, 3.8, 64:89N:30:05E, h0km, ML2.4(NAO), Suspected explosion

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like KU6, MSF, JOF, OUL, etc.

2014 MAR

Table with columns for station name, time, and other parameters. Includes stations like Vario, Sodankyl, Kangasniemi, Keuruu, etc.

IDC 13 09:23:57.8, 0.9, 48:92S:124:00E, h0km, mb4.1/7, Mb1 4.3/8, mb1mx4.1/32, mbtmp4.2/8, ML3.0.1, MS3.7/13, Ms1 3.7/13, ms1mx3.5/33, Error ellipse: s-maj=43.5km, s-min=16.6km az=98.0

NEIC 13 09:23:59.9, 1.4, 48:9S:0:1, 123:8E:0:1, h10km, 1km, mb4.5/7, Error ellipse: s-maj=19.9km s-min=14.8km az=191.0

IDC 13 09:23:59.4, 0.7, 48:90S:0:08, 123:8E:0:2, h10km, n34, 0:974/19, mb4.1/7, MS3.7/12, 2C, Western

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like H01W1, H01W2, H01W3, NWA0, etc.

Table with columns for station name, time, and other parameters. Includes stations like PSI, H08S2, H08S1, H08S3, PMSA, CMAR, etc.

JMA 13 09:24:47.7, 0.2, 35:64N:140:13E, h67km, 2km, M3.1
JMA Felt I J1
IDC 13 09:24:51.5, 1.2, 9, 35:30N:139:66E, h81km, 16km, mb3.2/3, mb1 3.4/4, mb1mx3.0/63, mbtmp3.6/4, Error ellipse: s-maj=63.0km s-min=8.2km az=67.0

ISC 13 09:24:48.2, 1.1, 35:56N:105:140E, 0:06, h69km, 8km, n17, 0:96/23, mb3.5/3, Near east coast of eastern Honshu

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like JCN, JSMT, TOKO, BOSO, etc.

IDC 13 09:31:00.4, 2.7, 47:59N:147:05E, h410km, 41km, mb2.8/5, mb1 2.8/9, mb1mx2.6/52, mbtmp3.5/9, Error ellipse: s-maj=55.5km s-min=20.8km az=5.0

ISC 13 09:30:59.9, 1.2, 47:6N:0:2, 147:1E:0:1, h403km, n9, 0:82, mb3.1/5, Northwest of Kuril Islands

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like ASAJ, KLR, USRK, etc.

ISC 13 09:36:33.8, 1.1, 49:56N:10:10, 18:00E:0:06, h10km, n5, 0:652/9, Czech and Slovak Republics

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like MORC, VRAC, LANS, etc.

IDC 13 09:45:31.5, 1.6, 10:10N:123:35E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/48, mbtmp3.8/5, Error ellipse: s-maj=69.5km s-min=28.9km az=60.0

MAN 13 09:45:32.6, 10:09N:123:27E, h1km, mb4.8, ML3.7, MS3.7

MAN Intensity III - La Libertad and Guihuangnan Negros Oriental; Intensity I - Tayasan Negros Oriental.

ISC 13 09:45:31.8, 1.3, 10:06N:104:23, 129E:0:04, h7km, 10km, n15, 0:198/22, mb3.8/5, 2C-2D, Cebu

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like TBP, SNPH, LAPU-LAPU, etc.

ASRS 13 09:47:18.5, 53:61N:87:96E, M1.6, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NNC 13 09:47:27.4, 2.9, 53:41N:87:52E, h0km, mb3.6, mpv3.2, 4C-5D, Error ellipse: s-maj=21.6km s-min=18.7km az=18.0, Southwestern Siberia

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like ASRS, MORC, etc.

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

IDC 13 10:01:06.2.3.8.24.535x:179.89E, h509km, 40km, mb3.4/9, mb1 3.6/11, mb1mx3.4/31, mbtmp4.3/11, Error ellipse: s-maj=29.2km s-min=22.6km az=30.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, MXZ Matakoa Point, HAZ Te Kaha, etc.

IDC 13 10:08:43.0.5.4.21.345x:170.20E, h168km, 33km, mb3.3/3, mb1 3.4/4, mb1mx3.1/42, mbtmp3.6/4, Error ellipse: s-maj=97.2km s-min=38.1km az=147.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 13 10:26:40.3.6.3.25.390x:67.07E, h0km, mb3.7/5, mb1 3.7/5, mb1mx3.4/30, mbtmp3.7/5, MS3.1/1, Ms1 3.1/1, ms1mx2.6/36, Error ellipse: s-maj=191.3km s-min=29.2km az=139.0, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, KURB Kurchatov Arra, BVAR Borovoye Array, etc.

INET 13 10:36:03.8.1.2.48N:87.80W, h69km, ML3.5 SNET 13 10:36:04.9.0.6.12.55N:87.87W, h47km, 12km, ML3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNCH Conchagua, JUCU Jucuarjn, PACA Pacayal, etc.

IDC 13 10:38:38.4.1.8.401N:123.31E, h556km, 25km, mb3.0/4, mb1 3.3/5, mb1mx2.7/43, mbtmp4.1/5, Error ellipse: s-maj=61.2km s-min=13.7km az=57.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

IDC 13 11:24:05.7.1.4.23.695x:175.21W, h0km, mb4.2/12, mb1 4.4/12, mb1mx4.3/24, mbtmp4.2/12, MS3.7/13, Ms1 3.7/13, ms1mx3.5/32, Error ellipse: s-maj=61.7km s-min=20.2km az=153.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, TBI Tubus, PPT2 Papeete2, etc.

MOS 13 11:44:05.2.2.9.50.02N:96.45E, h10km, mb3.9/2, Error ellipse: s-maj=12.5km s-min=9.1km az=103.3

IDC 13 11:44:08.5.1.2.50.47N:96.39E, h0km, mb1 3.2/5, mb1mx3.1/37, mbtmp3.2/5, ML2.5/4, Error ellipse: s-maj=38.7km s-min=10.5km az=174.0

ASRS 13 11:44:10.4.0.2.51.1.9.6E, h2km, ML4.7/20, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi:org.gfz-potsdam.de/geofon/lasp91 confirmed

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZLR Kyzyl, KZLR Todzha, ORL Oriik, etc.

IDC 13 11:44:10.0.0.6.50.66N:104.96E:0.03, h10km, n58, c2567/99, 1C-1D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ORL, MOY Mondy, DJOS Djoyskaya Sosn, etc.

Table with columns: ZAK ZAK, TLY Talaya, TLY Talaya, TLY Talaya, etc.

IDC 13 11:47:42.0.10.0.588N:95.84E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.3/51, mbtmp3.4/3, ML3.9/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/20, Error ellipse: s-maj=279.3km s-min=43.4km az=80.0, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ULAGAN Ulagan, IRK Irkutsk, etc.

IDC 13 11:47:42.0.10.0.588N:95.84E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.3/51, mbtmp3.4/3, ML3.9/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/20, Error ellipse: s-maj=279.3km s-min=43.4km az=80.0, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, BRDH Bardiachala, WRA Warramunga Arr, etc.

JMA 13 12:55:20.2.0.1.38.95N:142.74E, h34km, 2km, M3.2 IDC 13 12:55:25.0.3.3.38.98N:142.21E, h76km, 30km, mb3.1/3, mb1 3.3/5, mb1mx3.0/46, mbtmp3.4/5, Error ellipse: s-maj=40.3km s-min=19.7km az=114.0

IDC 13 12:55:20.3.1.3.38.96N:105.142E:0.09, h27km, n23, c1935/23, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, OFUJ Kusumoto, MIYJ Miyakonagasawa, etc.

KTH	Kantishna Hill	19.38	40	P	Pn	13 25 22.3	-0.3
KTH	comp=Z,852nm,1.2s			IAmb	IAmb	13 25 37.3	
PMR	Palmer	19.40	46	P	P	13 25 20.4	-1.0
PMR	comp=Z,313nm,1.8s			Pmax	Pmax		
GHO	Palmer	19.40	46	P	P	13 25 20.4	-1.0
TRF	Glory Hole Cre	19.55	46	P	P	13 25 22.5	-0.7
TRF	Thorofore Moun	19.59	40	P	P	13 25 23.7	0.0
TRF	comp=Z,420nm,1.0s			IAmb	IAmb	13 25 42.4	
BPAW	Bear Paw Mtn.	19.61	38	P	P	13 25 24.6	+0.9
BPAW	comp=Z,318nm,1.0s			IAmb	IAmb	13 25 40.3	
IMAR	Indian Mountain	19.62	32	P	P	13 25 24.6	+0.9
KNK	Knik Glacier	19.65	47	P	P	13 25 23.4	-0.8
SML	Sawmill	19.83	46	P	P	13 25 26.1	-0.1
MLY	Manley	20.15	36	P	P	13 25 29.9	+0.3
RND	Reindeer	20.16	41	P	P	13 25 29.2	-0.6
RND	comp=Z,273nm,1.0s			Pmax	Pmax		
RND	Reindeer	20.16	41	P	P	13 25 29.2	-0.6
RND	comp=Z,5um,20.0s			MLR	MLR		
BWN	Browne	20.23	39	P	P	13 25 31.2	+0.7
MCK	McKinley	20.26	40	P	P	13 25 29.9	-0.9
MCK	comp=Z,233nm,1.0s			Pmax	Pmax		
MCK	McKinley	20.26	40	P	P	13 25 29.9	-0.9
MCK	comp=Z,4um,20.0s			MLR	MLR		
SCM	Sheep Creek Mo	20.29	46	P	P	13 25 30.4	-0.8
SCM	comp=Z,233nm,1.0s			IAmb	IAmb	13 25 48.4	
SCM	comp=Z,181nm,0.8s			Pmax	Pmax		
SCM	Sheep Creek Mo	20.29	46	P	P	13 25 30.4	-0.8
SCM	comp=Z,3um,19.0s			MLR	MLR		
SCM	Sheep Creek Mo	20.29	46	P	P	13 25 30.4	-0.8
SCM	comp=Z,181nm,0.8s			IAmb	IAmb	13 25 44.7	
HIN	Hinchinbrook I	20.32	51	IAMS_20	IAMS_20	13 33 44.7	
NEA	Nenana	20.56	38	P	P	13 25 34.3	+0.2
NEA	comp=Z,6um,20.0s			IAmb	IAmb	13 25 45.7	
DHY	Denali Highway	20.66	43	P	P	13 25 34.7	-0.6
DHY	comp=Z,368nm,0.9s			IAmb	IAmb	13 25 45.0	
EYAK	Cordova Ski Ar	20.71	50	P	Pn	13 25 37.8	-0.3
EYAK	comp=Z,348nm,1.7s			IAmb	IAmb	13 25 02.9	
EYAK	comp=Z,6um,21.0s			IAMS_20	IAMS_20	13 34 09.2	
WRH	Wood River Hill	20.90	39	P	P	13 25 36.5	-1.2
MDM	Murphy Dome	21.06	38	P	P	13 25 39.1	-0.3
MDM	comp=Z,421nm,1.0s			IAmb	IAmb	13 25 54.3	
CCB	Clear Creek Bu	21.09	39	P	P	13 25 37.8	-1.9
CCB	comp=Z,273nm,1.2s			IAmb	IAmb	13 25 55.1	
COLA	CIGO, UAF Yank	21.16	38	P	P	13 25 42.0	+1.6
COLA	baz=245,SNR=20						
COLA	College	21.17	38	P	P	13 25 39.8	-0.7
COLA	comp=Z,220nm,0.9s			Pmax	Pmax		
COLA	College	21.17	38	P	P	13 25 39.8	-0.7
COLA	comp=Z,220nm,0.9s			IAmb	IAmb	13 25 55.6	
RAGM	Ragged Mountai	21.21	51	IAMS_20	IAMS_20	13 34 51.2	
RAGM	comp=Z,6um,20.0s						
HDA	Harding Lake	21.33	40	P	P	13 25 42.1	-0.2
HDA	comp=Z,5um,19.0s			IAMS_20	IAMS_20	13 34 57.9	
HDA	Harding Lake	21.33	40	P	P	13 25 42.8	+0.4
HDA	baz=245,SNR=29						
POKR	Poker Plat Res	21.43	38	P	P	13 25 44.5	+1.1
POKR	baz=245,SNR=46						
PAX	Paxson	21.45	44	P	P	13 25 43.5	-0.2
PAX	comp=Z,376nm,1.3s			Pmax	Pmax		
PAX	comp=Z,5um,19.0s			MLR	MLR		
PAX	Paxson	21.45	44	P	P	13 25 43.5	-0.2
PAX	comp=Z,376nm,1.3s			IAmb	IAmb	13 25 58.3	
PAX	comp=Z,376nm,1.3s			IAMS_20	IAMS_20	13 35 19.4	
COLD	Coldfoot	21.49	31	P	P	13 25 44.8	+0.8
COLD	comp=Z,5um,20.0s			IAMS_20	IAMS_20	13 33 39.4	
IL31	Il31	21.50	39	P	P	13 25 42.3	-1.8
IL31	comp=Z,186nm,1.0s			IAmb	IAmb	13 26 08.2	
ILAR	Eielson Array	21.50	39	P	P	13 25 41.9	-2.2
ILAR	comp=Z,9.7nm,0.6s,baz=237,slow=8.7,SNR=110			PcP	PcP	13 29 44.8	-0.8
ILAR	comp=Z,2.9nm,0.6s,baz=298,slow=3.3,SNR=6.2			ScP	ScP	13 33 18.5	-1.5
ILAR	comp=Z,2.6nm,0.7s,baz=280,slow=3.6,SNR=8.7			P3KPbc	P3KPbc	13 59 37.5	
ILAR	comp=Z,1.1nm,0.9s,baz=60,slow=4.1,SNR=7.0						
ILAR	Eielson Array	21.50	39	P	P	13 25 42.8	-1.3
GLB	Gilghina Butte	21.82	48	P	P	13 25 47.3	+0.4
GLB	comp=Z,782nm,2.0s			IAmb	IAmb	13 26 03.1	
VRDI	Verde Repeater	21.95	49	P	P	13 25 49.0	-0.1
VRDI	comp=Z,309nm,1.4s			IAmb	IAmb	13 26 17.5	
CRQM	Cirque	22.02	50	P	P	13 25 50.6	+0.7
TGL	Tana Glacier	22.17	51	P	P	13 25 51.2	-0.2
TGL	comp=Z,219nm,1.2s			IAmb	IAmb	13 26 21.1	
MCARA	McCarthy VSAT	22.18	49	P	P	13 25 53.1	+1.7
MCARA	comp=Z,216nm,1.0s			IAmb	IAmb	13 26 20.0	
MENT	Mentasta	22.21	45	P	P	13 25 52.0	+0.2
DOT	Dot Lake	22.27	43	P	P	13 25 51.4	-1.0
DOT	comp=Z,230nm,1.0s			IAmb	IAmb	13 26 02.6	
DOT	comp=Z,5um,20.0s			IAMS_20	IAMS_20	13 35 57.6	
PRP	Porcupine Dome	22.33	37	P	P	13 25 51.9	-1.3
BALM	Baldy	22.45	50	P	P	13 25 53.9	-0.6
TOLK	Toolik Lake Re	22.50	28	P	P	13 25 55.2	+0.5
TOLK	comp=Z,6um,18.0s			IAMS_20	IAMS_20	13 35 21.1	
TOLK	Toolik Lake Re	22.50	28	P	P	13 25 55.3	+0.5
TOLK	baz=264,SNR=88						
KUR	Kuril'sk	22.61	268	P	P	13 25 56.4	+0.2
KUR	comp=Z,3um,4.0s			eS	S	13 26 23.5	
KUR	comp=Z,3um,4.0s			Pmax	Pmax	13 30 02.8	+1.1
KUR	comp=Z,3um,4.0s			Pmax	Pmax		
KUR	comp=Z,3um,4.0s			Pmax	Pmax		
KUR	comp=Z,594nm,1.3s			MLR	MLR		
KUR	comp=Z,900nm,1.0s			MLR	MLR		
BARN	Barnard Glacie	22.78	50	P	P	13 25 58.2	+0.2
FYU	Fort Yukon	22.87	35	P	P	13 25 58.5	-0.2
FYU	comp=Z,199nm,1.1s			IAmb	IAmb	13 26 02.6	
CTGM	Chitina Glacie	22.92	50	P	P	13 25 59.3	-0.2
CTGM	comp=Z,249nm,1.5s			IAmb	IAMS_20	13 26 29.3	
MIDW	Midway	23.05	176	P	P	13 26 00.1	-0.7
MIDW	comp=Z,5um,20.0s			IAmb	IAmb	13 26 06.0	
BCAR	Beaver Creek A	23.10	45	P	P	13 26 01.0	-0.2
PCA	Pinnacle	23.35	53	P	P	13 26 03.0	-0.8
BMAR	Burnt Mountain	23.48	33	P	P	13 26 04.2	-0.6
TYV	Tymovskoe	23.80	284	eP	P	13 26 09.9	+1.9
TYV	comp=Z,3um,3.6s			Pmax	Pmax		
TYV	comp=Z,180nm,1.0s			Pmax	Pmax		
TYV	comp=Z,4um,22.0s			MLR	MLR		
EGAK	Eagle	23.81	41	P	P	13 26 07.5	-0.5

EGAK	comp=Z,292nm,1.0s			IAMB	IAMB	13 26 09.8	
EGAK	comp=Z,5um,18.0s			IAMS_20	IAMS_20	13 36 42.0	
DHAK	Deception Hill	24.34	55	IAMS_20	IAMS_20	13 36 03.8	
DAWY	Dawson	24.37	43	P	P	13 26 12.8	-0.4
DAWY	comp=Z,6um,20.0s			IAMS_20	IAMS_20	13 37 10.0	
NKL	Nikolayevsk	24.44	290	eP	P	13 26 15.2	+1.3
NKL	comp=E,20nm,1.3s			Pmax	Pmax		
NKL	comp=Z,455nm,1.3s			Pmax	Pmax		
NKL	comp=N,5.0nm,0.5s			Pmax	Pmax		
YUK	Yuzh-Kuril'sk	24.44	267	eP	P	13 26 14.0	0.0
YUK	comp=Z,595nm,1.3s			ePPP	PPP	13 26 46.0	
YUK	comp=E,363nm,1.4s			I/S	S	13 26 55.5	
YUK	comp=N,333nm,1.0s			eSS	SnSn	13 30 33.5	+1.8
YUK	comp=Z,2um,19.0s			eSSS	SSS	13 31 19.5	+2.6
YUK	comp=N,1um,14.0s			Pmax	Pmax	13 31 37.1	
YUK	comp=Z,2um,19.0s			Pmax	Pmax		
YUK	comp=N,1um,14.0s			MLR	MLR		
HYT	Haines Junction	24.77	51	P	P	13 26 16.4	-0.6
YSS	Yuzh-Sakhalins	25.08	275	eP	P	13 26 21.0	+1.3
YSS	comp=Z,300nm,1.3s			e'PP	sP	13 26 32.2	-0.2
YSS	comp=Z,1um,8.7s			eS	S	13 26 55.2	
YSS	comp=E,600nm,12.6s			eSS	SnSn	13 30 41.6	-0.3
YSS	comp=Z,1um,8.7s			Pmax	Pmax	13 31 43.9	+1.1
YSS	comp=N,900nm,15.0s			MLR	MLR		
YSS	comp=E,900nm,14.0s			MLR	MLR		
SKAG	Skagway	25.08	275	P	P	13 26 20.4	+0.7
SKAG	comp=Z,4um,21.0s			IAMS_20	IAMS_20	13 26 28.8	+0.5
EPYK	Eagle Plains	26.02	38	P	P	13 26 26.9	-1.2
EPYK	comp=Z,4um,20.0s			IAMS_20	IAMS_20	13 38 26.8	
EPYK	baz=256,SNR=32						
WHY	Whitehorse	26.05	52	P	P	13 26 27.1	-1.0
WHY	comp=Z,4um,21.0s			IAMS_20	IAMS_20	13 26 27.9	-0.6
JKA	Kamikawa-asahi	26.45	269	P	P	13 26 32.2	+1.0
ASAJ	Asahikawa	26.45	269	P	P	13 26 32.2	+1.0
ERM	Ermo	27.18	265	eP	P	13 26 39.7	+0.9
ERM	comp=Z,111nm,1.1s,baz=53,slow=7.4,SNR=51			Pmax	Pmax		
GRNR	Gornyy	27.61	287	eP	P	13 26 43.0	+0.4
GRNR	comp=Z,155nm,1.3s			eS	S	13 31 24.9	+3.0
GRNR	comp=Z,120nm,1.3s			Pmax	Pmax		
GRNR	comp=N,3.0nm,1.2s			smax	smax		
GRNR	comp=Z,2um,18.0s			MLR	MLR		
INK	Inuvik	27.71	35	P	P	13 26 42.6	-0.6
INK	comp=Z,9.5nm,0.9s,baz=235,slow=8.3,SNR=29			PcP	PcP	13 29 59.1	0.0
INK	comp=Z,13nm,0.8s,baz=300,slow=3.4,SNR=9.9			eP	P	13 26 42.8	-0.4
INK	Inuvik	27.71	35	P	P	13 29 59.2	
INK	comp=Z,61nm,1.1s			Pmax	Pmax		
INK	comp=Z,3um,20.0s			MLR	MLR		
INK	Inuvik	27.71	35	P	P	13 26 42.8	-0.4
INK	Inuvik	27.71	35	P	P	13 38 52.6	
INK	comp=Z,3um,20.0s			IAMS_20	IAMS_20	13 35 19.4	
DIB	Dawson Inlet	28.29	68	P	P	13 26 49.2	+0.6
H02S1	DAWSON INLET T	28.29	68	P	P	13 26 50.1	+1.5
H02S1	SNR=5.3						
DLBC	Dease Lake	28.64	56	P	P	13 26 52.3	+0.6
DLBC	comp=Z,4.9nm,1.0s,baz=291,slow=6.7,SNR=5.3						
DLBC	Dease Lake	28.64	56	P	P	13 26 52.0	+0.3
DLBC	Yakutsk	29.31	311	P	P	13 26 56.3	-1.2
YAK	comp=Z,5.2nm,0.3s,baz=83,slow=5.3,SNR=7.1			PcP	PcP	13 30 03.6	+0.4
YAK	comp=Z,20nm,0.5s,baz=281,slow=0.5,SNR=4.8			PcP	PcP	13 26 55.7	-1.8
YAK	Yakutsk	29.31	311	eP	P	13 27 03.9	-2.5
YAK	comp=Z,2um,19.0s			ePPP	PPP	13 27 55.1	
YAK	comp=Z,2um,19.0s			eS	S	13 30 02.2	
YAK	comp=Z,2um,19.0s			eSS	S	13 31 45.2	-3.2
YAK	comp=Z,2um,19.0s			eSS	SnSn	13 32 00.6	+2.6
YAK							

CN2	comp-Z,3um,22.0s	37.32 281	eP	P	13 28 06.4	-1.0
CN2	Changchun		eP	P	13 28 16.3	-0.2
CN2			eP	Pn	13 29 34.8	+1.4
CN2			eS	S	13 33 51.9	-0.9
CN2			eS	sS	13 34 08.1	+0.5
CN2	comp-Z,50nm,1.0s		pmax	pmax		
CN2	comp-Z,670nm,3.0s		LR	LR		
CN2	comp-Z,1um,20.0s		LR	LR		
CN2	comp-Z,2um,22.0s		LR	LR		
LTY	Liberty	37.54 72	P	P	13 28 09.4	+0.1
LTY			IAMB	IAMB	13 28 20.0	
J01E	Myrtle Point	37.61 80	P	P	13 28 12.6	+2.8
H04D	Lebanon	37.63 78	P	P	13 28 12.6	+2.5
I03D	Drain, OR	37.69 79	P	P	13 28 12.7	+2.2
F05D	White Salmon	37.73 75	P	P	13 28 12.8	+2.0
B08A	Colville Reser	37.82 70	P	P	13 28 12.8	+1.2
B08A			IAMB	IAMB	13 28 22.1	
B0D	Bodaibo	37.85 307	eP	P	13 28 10.1	-1.6
B0D			e		13 34 02.9	
B0D			pmax	pmax		
H04A	Detroit Lake	37.89 77	P	P	13 28 13.9	+1.7
H04A			IAMB	IAMB	13 28 23.2	
K02D	Willamette Mer	38.03 81	P	P	13 28 16.0	+2.6
HIA	Hailar	38.10 292	P	P	13 28 13.8	-0.2
HIA			pmax	pmax		
HIA	comp-Z,277nm,1.4s		MLR	MLR		
HIA	comp-Z,3um,20.0s		IAMB	IAMB	13 28 13.8	-0.2
HIA			IAMB	IAMB	13 28 14.9	
HIA	comp-Z,277nm,1.4s		IAMS_20	IAMS_20	13 44 42.5	
G05D	Wamic, OR	38.14 76	P	P	13 28 16.3	+2.0
I04A	Tendick Farm	38.21 78	P	P	13 28 16.9	+1.9
L02E	Cave Junction	38.36 81	P	P	13 28 19.0	+2.8
E07A	Sunnyside	38.36 73	P	P	13 28 17.8	+1.6
E07A			IAMB	IAMB	13 28 27.2	
HUMO	Hull Mountain	38.51 80	P	P	13 28 19.6	+2.3
HUMO			IAMS_20	IAMS_20	13 41 13.5	
G06A	Carlson Farm,	38.55 75	P	P	13 28 19.6	+1.7
G06A			IAMB	IAMB	13 28 42.6	
I05D	Terrebonne, OR	38.59 77	P	P	13 28 19.9	+1.7
HAWA	Hanford	38.64 73	P	P	13 28 19.9	+1.4
F07A	Phinny Hill Vi	38.65 74	P	P	13 28 20.6	+2.0
F07A			IAMS_20	IAMS_20	13 40 15.8	
D08A	Wollman Farm,	38.68 72	P	P	13 28 19.8	+1.0
D08A			IAMB	IAMB	13 28 29.2	
J04D	Umpqua Nationa	38.70 79	P	P	13 28 21.7	+2.5
C09A	Chrisman Ranch	38.70 70	P	P	13 28 19.4	+0.3
C09A			IAMB	IAMB	13 28 29.3	
E08A	Dider Farm, El	38.88 73	P	P	13 28 21.1	+0.7
E08A			IAMB	IAMB	13 28 31.1	
PINE	Pine Mountain	39.12 77	IAMS_20	IAMS_20	13 40 34.4	
L04D	Klamath Falls	39.13 80	P	P	13 28 25.0	+2.1
YBH	Yreka Blue Hor	39.15 81	P	P	13 28 25.5	+2.6
YBH			pmax	pmax		
YBH	Yreka Blue Hor	39.15 81	P	P	13 28 25.5	+2.6
YBH			IAMS_20	IAMS_20	13 40 40.3	
NEW	Newport	39.16 69	LR	LR	13 42 07.6	
NEW	Newport	39.16 69	P	P	13 28 23.6	+0.7
NEW			pmax	pmax		
NEW	comp-Z,101nm,1.0s		MLR	MLR		
NEW	Newport	39.16 69	P	P	13 28 23.6	+0.7
NEW			IAMB	IAMB	13 28 33.0	
NEW	comp-Z,101nm,0.9s		P	P	13 28 23.7	+0.8
J05D	Fort Rock, OR	39.21 78	P	P	13 28 25.7	+2.2
K04D	Chiloquin, OR	39.25 80	P	P	13 28 26.0	+2.2
M02C	Callahan	39.25 82	P	P	13 28 26.4	+2.6
KSR5	Korea Array	39.29 271	P	P	13 28 25.9	+1.1
KSR5			pmax	pmax	13 30 33.2	+0.7
KSR5	comp-Z,9.6nm,0.9s,baz=59,slo=3.4,SNR=8.5		PcP	PcP		
KSR5	comp-Z,710nm,21.6s,baz=58,slo=34		LR	LR	13 43 40.0	
G08A	Pilot Rock	39.54 74	P	P	13 28 27.0	+0.8
SNY	Shenyang	39.55 279	LR	LR	13 28 26.8	+0.7
SNY			LR	LR		
SNY	comp-Z,2um,20.2s		LR	LR		
SNY	comp-Z,1um,23.9s		LR	LR		
SNY	comp-Z,3um,22.4s		LR	LR		
N02D	Trinity Center	39.58 82	P	P	13 28 29.4	+2.9
M04C	Macdoel	39.66 81	P	P	13 28 29.6	+2.3
I07A	Ize	39.84 76	P	P	13 28 30.4	+1.7
RES	Resolute Bay	39.96 24	LR	LR	13 47 11.0	
RES	Resolute Bay	39.96 24	P	P	13 28 28.2	-1.0
RES			pmax	pmax		
RES	comp-Z,41nm,1.5s		MLR	MLR		
RES	comp-Z,2um,20.0s		P	P	13 28 28.2	-1.0
RES	Resolute Bay	39.96 24	P	P	13 46 58.7	
I02D	Mt. Diablo Mer	39.98 83	P	P	13 28 32.7	+2.8
F10A	Beach Ranch, E	40.23 72	P	P	13 28 32.7	+0.8
F10A			IAMS_20	IAMS_20	13 41 31.6	
JNU	Nakatsue	40.31 263	P	P	13 28 33.8	+1.2
JNU			IAMB	IAMB	13 28 35.1	
JNU	comp-Z,329nm,1.2s		IAMS_20	IAMS_20	13 43 05.0	
CIT	Chita	40.38 298	eP	P	13 28 33.4	+0.4
CIT			pmax	pmax		
TJN	Taejon	40.41 270	/P	P	13 28 34.1	+0.8
HOPS	Hopland Field	40.50 85	IAMS_20	IAMS_20	13 41 08.1	
O03E	Paynes Creek	40.53 83	P	P	13 28 36.3	+1.9
MOD	Modoc Plateau	40.54 80	P	P	13 28 36.0	+1.4
MOD			IAMS_20	IAMS_20	13 42 01.3	
WALA	Waterloo Lakes	40.65 67	P	P	13 28 35.9	+0.6
WALA			IAMB	IAMB	13 28 45.4	
BMO	Blue Mountains	40.77 74	P	P	13 28 37.2	+0.8
BMO			pmax	pmax		
BMO	comp-Z,456nm,2.0s		P	P	13 28 37.2	+0.8
BMO	Blue Mountains	40.77 74	P	P		

BMO	comp-Z,456nm,2.0s		IAMB	IAMB	13 28 47.2	
BMO			IAMS_20	IAMS_20	13 42 07.9	
GDXM	comp-Z,2um,22.0s	40.78 85	IAMS_20	IAMS_20	13 41 14.6	
J08A	Circle Bar Ran	40.86 77	P	P	13 28 38.3	+1.2
J08A			IAMS_20	IAMS_20	13 41 54.5	
JTMT	Jette	41.08 68	P	P	13 28 39.6	+0.7
JTMT			IAMB	IAMB	13 28 49.0	
MCCM	Marconi Confer	41.13 86	IAMS_20	IAMS_20	13 40 58.7	
WVOR	Wild Horse Val	41.27 78	P	P	13 28 42.3	+1.7
WVOR			pmax	pmax		
WVOR	Wild Horse Val	41.27 78	P	P	13 28 42.3	+1.7
WVOR			IAMB	IAMB	13 28 51.3	
WVOR	comp-Z,83nm,0.9s		IAMS_20	IAMS_20	13 42 20.5	
BEKR	Beckworth	41.68 82	P	P	13 28 45.3	+1.3
MSO	Missoula	41.75 69	IAMB	IAMB	13 28 45.1	+0.7
MSO			IAMB	IAMB	13 28 54.2	
MSO	Missoula	41.75 69	P	P	13 28 44.9	+0.5
PAHR	Palmer Range	42.38 82	P	P	13 28 51.9	+2.2
MFID	Camas Ranch	42.44 75	P	P	13 28 52.0	+1.9
DL2	Dalian	42.45 277	S	S	13 28 50.3	+0.3
DL2			S	S	13 35 14.3	+4.7
DL2	comp-Z,79nm,1.2s		pmax	pmax		
DL2	comp-Z,560nm,7.5s		LR	LR		
DL2	comp-Z,770nm,27.5s		LR	LR		
DL2	comp-Z,920nm,25.9s		LR	LR		
PNTR	Pine Nut	42.61 83	P	P	13 28 52.3	+0.7
PNTR			IAMB	IAMB	13 29 01.8	
CMB	Columbia Colle	42.76 84	IAMS_20	IAMS_20	13 43 50.8	
YERR	Yering	42.90 82	P	P	13 28 55.2	+1.2
MCMT	McKenzie Canyo	43.46 71	P	P	13 28 59.4	+0.9
EGMT	Eagleton	43.56 66	P	P	13 28 59.3	+0.3
EGMT			IAMB	IAMB	13 29 09.7	
EGMT	comp-Z,100nm,0.9s		P	P	13 28 58.9	-0.1
KVN	Kaisererville	43.57 82	P	P	13 29 00.1	+0.9
KVN			pmax	pmax	13 29 00.5	+1.2
KVN	Kaisererville	43.57 82	P	P	13 29 00.5	+1.2
KVN			IAMS_20	IAMS_20	13 43 46.3	
NVAR	Mina Array Bea	43.82 82	P	P	13 29 02.2	+0.8
NVAR	comp-Z,20nm,0.9s,baz=295,slo=8.1,SNR=33		ScP	ScP	13 34 36.5	+0.1
NVAR	comp-Z,1.0nm,0.7s,baz=294,slo=3.9,SNR=3.6		LR	LR	13 43 52.4	
NVAR	comp-Z,1um,21.9s,baz=288,slo=31		P	P	13 29 02.6	+1.2
NVAR	Mina Array Bea	43.82 82	P	P	13 29 03.7	+2.2
MDPB	Devils Postpil	43.82 84	IAMS_20	IAMS_20	13 42 53.0	
MDPB			IAMS_20	IAMS_20	13 42 53.0	
OMMB	Old Mammoth Mi	43.88 84	P	P	13 29 04.2	+2.2
OMMB			IAMS_20	IAMS_20	13 42 52.6	
NV11	Mina Array Sit	43.91 82	P	P	13 29 03.0	+1.0
MLAC	Mammoth, Mammo	43.92 84	P	P	13 29 06.9	+4.2
MLAC			P	P	13 44 28.5	
QLMT	Earthquake Lak	44.30 71	P	P	13 29 05.6	+0.5
ELK	Elko	44.33 78	LR	LR	13 44 28.5	
ELK	Elko	44.33 78	P	P	13 29 06.9	+1.4
ELK			pmax	pmax		
ELK	comp-Z,62nm,0.9s		P	P	13 29 06.9	+1.4
ELK	comp-Z,62nm,0.9s		IAMB	IAMB	13 29 15.4	
ELK	comp-Z,62nm,0.9s		IAMS_20	IAMS_20	13 43 55.3	
NR1K	Norik'sk	44.39 330	P	P	13 29 04.6	-0.7
NR1K	comp-Z,18nm,1.1s,baz=92,slo=6.2,SNR=9.5		PcP	PcP	13 30 49.6	+1.1
NR1K	comp-Z,1.6nm,1.0s,baz=83,slo=3.4,SNR=4.4		LR	LR	13 50 05.7	
FFC	Filin Film	44.42 54	IAMS_20	IAMS_20	13 47 32.3	
YHL	Yeggen Lake	44.43 70	P	P	13 29 07.2	+0.9
VOG	Valley Oaks Go	44.45 86	P	P	13 29 09.6	+3.4
YHB	Horse Butte	44.48 71	P	P	13 29 07.5	+0.9
YMR	Madison River	44.66 71	P	P	13 29 09.1	+1.0
YHH	Holmes Hill	44.66 70	P	P	13 29 09.1	+0.9
SMMC	Simmler	44.70 87	P	P	13 29 11.3	+3.1
TIN	Timemaha, Big	44.71 84	P	P	13 29 13.6	+5.2
VES	Vestal, Richgr	44.94 86	P	P	13 29 10.9	+0.8
YPP	Pitchstone Pla	44.98 71	P	P	13 29 12.6	+1.9
YNE	Yellowstone No	45.04 70	P	P	13 29 11.8	+0.6
H17A	Grant Village	45.05 71	P	P	13 29 13.4	+2.2
H17A	Grant Village	45.05 71	P	P	13 29 13.4	+2.2
LKWY	Lake	45.06 70	P	P	13 29 11.9	+0.6
LKWY			pmax	pmax		
LKWY	comp-Z,193nm,1.0s		P	P	13 29 11.9	+0.6
LKWY	Lake	45.06 70	P	P	13 29 12.9	+1.4
PKM	Mcperson Peak	45.09 87	P	P	13 29 12.5	+0.9
YMP	Mirror Lake Pl	45.10 70	P	P	13 29 11.8	+0.6
FLWY	Flagg Ranch	45.15 71	P	P	13 29 14.2	+2.2
BJI	Beijing	45.15 282	P	P	13 29 12.4	+0.7
BJI			S	S	13 35 47.5	-1.5
BJI			S	S	13 39 04.5	-1.4
BJI	comp-Z,57nm,1.3s		pmax	pmax		
BJI	comp-Z,590nm,8.8s		LR	LR		
BJI	comp-Z,820nm,22.1s		LR	LR		
BJI	comp-Z,1um,21.9s		LR	LR		
BJI	comp-Z,1um,28.6s		LR	LR		
CWC	Cottonwood Cre	45.19 84	P	P	13 29 13.1	+0.8
FXWY	Fox Creek	45.21 72	P	P	13 29 13.4	+0.9
FXWY			IAMB	IAMB	13 29 23.1	
HVU	Hansel Valley	45.23 75	P	P	13 29 14.4	+1.9
HVU			pmax	pmax		
HVU	comp-Z,80nm,0.7s		P	P	13 29 14.4	+1.9
GRAC	Grass Valley	45.23 83	P	P	13 29 14.1	+1.2
GRAC			P	P	13 29 14.1	+1.2
IRK	Irkutsk	45.30 303	eP	P	13 29 12.2	-0.5</

SSE	comp-Z,280nm,18.9s	LR	LR			
SSE	comp-Z,470nm,19.2s	LR	LR			
SSE	comp-Z,1um,20.0s	47.74 269	IAMS_20	IAMS_20	13 48 44.8	
GMRC	Granite Mounta	47.76 84	P	P	13 29 33.0 +0.6	
P17A	Butcher Ranch,	47.85 76	P	P	13 29 34.6 +1.5	
MTPU	Mount Pierson	47.85 79	P	P	13 29 34.8 +1.4	
PFO	Pinyon Flats O	48.03 861	eP	pmax	13 29 35.3 +0.8	
PFO	comp-Z,27nm,1.5s					
PFO	Pinyon Flats O	48.03 86	P	P	13 29 36.4 +1.9	
XPFO	Pion Flat	48.03 86	P	P	13 29 35.3 +0.8	
BELC	Belle Mtn. Jos	48.06 85	P	P	13 29 35.4 +0.6	
109C	Camp Elliot, M	48.10 87	P	P	13 29 36.3 +1.5	
KNB	Kanab	48.10 80	P	P	13 29 36.8 +1.7	
KNB	comp-Z,82nm,1.1s					
KNB	San Rafael Swe	48.10 80	P	P	13 29 36.8 +1.7	
SRU	San Rafael Swe	48.20 76	P	P	13 29 37.3 +1.4	
SRU	comp-Z,94nm,0.8s					
NEE2	Needles Airpor	48.42 84	P	P	13 29 37.9 +0.5	
K22A	Casper	48.46 70	P	P	13 29 38.3 +0.5	
K22A	comp-Z,140nm,1.0s					
K22A	Casper	48.46 70	P	P	13 29 37.8 +0.1	
IRM	Iron Mountain	48.49 85	P	P	13 29 38.5 +0.5	
MONP2	Monument Peak	48.53 87	P	P	13 29 39.0 +0.5	
BTO	Baotou	48.56 286	eP	eP	13 29 38.3 -0.2	
BTO	comp-Z,52nm,1.1s					
NJ2	Nanjing	48.56 272	eP	pmax	13 29 37.8 -0.7	
NJ2	comp-Z,900nm,23.7s					
NJ2	comp-Z,1um,22.5s					
NJ2	comp-Z,2um,22.3s					
BC3	Big Chuckawall	48.63 85	P	P	13 29 39.4 +0.3	
RWWY	Rawlins	48.63 72	P	P	13 29 38.5 -0.7	
RWWY	comp-Z,41nm,1.0s					
KULLO	Kullorsuaq	48.67 18	iP	P	13 29 38.4 -0.3	
KULLO	comp-Z,41nm,1.0s					
KULLO	Kullorsuaq	48.67 18	iP	pmax	13 29 38.4 -0.3	
U15A	North Rim	48.80 80	P	IAMB	13 29 42.0 +1.4	
U15A	comp-Z,117nm,1.1s					
U15A	comp-Z,2um,20.0s					
SWSC	Sam W. Stewart	48.88 86	P	P	13 29 40.8 -0.1	
IKP	In-Ko-Pah, Jac	48.88 87	P	P	13 29 41.6 +0.6	
TIY	Taiyuan	48.88 282	eP	eP	13 29 42.4 +1.4	
TIY	comp-Z,96nm,1.1s					
TIY	comp-Z,620nm,4.8s					
TIY	comp-Z,930nm,15.6s					
TIY	comp-Z,730nm,15.9s					
O20A	White River Ci	48.96 74	P	P	13 29 42.2 +0.5	
O20A	White River Ci	48.96 74	P	P	13 29 42.2 +0.5	
PDMCI	Parker Dam,Lak	49.02 84	P	P	13 29 42.4 +0.4	
RSSD	Black Hills	49.04 67	P	pmax	13 29 42.1 -0.1	
RSSD	comp-Z,101nm,1.2s					
RSSD	Black Hills	49.04 67	P	IAMB	13 29 42.1 -0.1	
RSSD	Black Hills	49.04 67	P	IAMB	13 29 42.1 -0.1	
RSSD	comp-Z,101nm,1.1s					
Y12C	Blythe	49.15 85	P	P	13 29 43.6 +0.7	
MDND	Maddock	49.36 61	IAMS_20	IAMS_20	13 51 14.3	
MDND	comp-Z,1um,19.0s					
MDND	Maddock	49.36 61	P	P	13 29 44.5 +0.1	
GLA	Glamis	49.42 86	IAMS_20	IAMS_20	13 50 18.2	
GLA	comp-Z,1um,18.0s					
GLA	Glamis	49.42 86	P	P	13 29 46.0 +0.9	
PV10	Paradox Valley	49.57 76	IAMS_20	IAMS_20	13 46 37.4	
PV14	Lion Creek, Pa	49.58 76	IAMS_20	IAMS_20	13 47 57.2	
PV19	Morning Glory	49.64 76	IAMS_20	IAMS_20	13 48 21.1	
PV16	Nyswonger Mesa	49.68 76	IAMS_20	IAMS_20	13 48 13.0	
PV18	Skein Mesa, Pa	49.73 76	IAMS_20	IAMS_20	13 48 17.2	
PV03	Paradox Valley	49.76 76	IAMS_20	IAMS_20	13 48 17.0	
PV13	Radium Mtn., P	49.84 76	IAMS_20	IAMS_20	13 48 18.1	
N23A	Red Feather La	49.87 72	P	P	13 29 49.5 +0.8	
N23A	comp-Z,2um,22.0s					
N23A	Red Feather La	49.87 72	P	P	13 29 49.3 +0.6	
KBS	Kingsbay	49.91 357	eP	P	13 29 48.7 +0.5	
KBS	comp-Z,101nm,0.7s					
KBS	Kingsbay	49.91 357	pmax	pmax	13 29 49.0 +0.8	
KBS	comp-Z,1um,18.0s					
KBS	Kingsbay	49.91 357	P	P	13 29 49.0 +0.8	
KBS	comp-Z,1um,18.0s					
KBS	Kingsbay	49.91 357	IAMS_20	IAMS_20	13 54 15.5	
WUAZ	Wupatki	49.96 81	P	P	13 29 50.8 +1.5	
WUAZ	comp-Z,70nm,1.0s					
WUAZ	Wupatki	49.96 81	P	P	13 29 50.2 +0.9	
ULM	Lac du Bonnet	49.96 56	P	P	13 29 47.7 -1.2	
ULM	comp-Z,954nm,18.5s,baz=312,slow=37					
ULM	Lac du Bonnet	49.96 56	P	pmax	13 29 47.4 -1.6	
ULM	comp-Z,76nm,1.7s					
ULM	Lac du Bonnet	49.96 56	P	MLR	13 29 47.4 -1.6	
ULM	comp-Z,1um,18.0s					
ULM	Lac du Bonnet	49.96 56	P	IAMS_20	IAMS_20	13 52 00.0
SMCO	Snowmass	50.32 74	P	P	13 29 53.0 +0.7	
SPAO	Spitsbergen Ar	50.48 356	eP	P	13 29 52.1 -0.4	
X16A	Lo Mia Camp, P	50.63 82	P	P	13 29 55.7 +1.2	
MVCO	Mesa Verde	50.64 77	P	IAMB	13 30 17.4	
MVCO	comp-Z,74nm,0.8s					
MVCO	Mesa Verde	50.64 77	P	IAMS_20	IAMS_20	13 48 12.3
MVCO	comp-Z,2um,20.0s					
MVCO	Mesa Verde	50.64 77	P	P	13 29 54.9 +0.4	
ISCO	Idaho Springs	50.75 73	P	P	13 29 56.8 +1.4	
ISCO	Idaho Springs	50.75 73	P	P	13 29 56.8 +1.4	

ISCO	comp-Z,288nm,1.9s	IAMB	IAMB	13 30 06.1	
ISCO	comp-Z,1um,22.0s	IAMS_20	IAMS_20	13 48 37.9	
ISCO	Idaho Springs	50.75 73	P	P	13 29 56.5 +1.0
AGMN	Agassiz Nation	51.12 58	IAMS_20	IAMS_20	13 53 59.8
AGMN	Agassiz Nation	51.12 58	P	P	13 29 56.8 -0.9
D32A	Dogwood Acres,	51.19 60	IAMS_20	IAMS_20	13 54 11.8
W18A	Petrified Fore	51.23 80	P	P	13 29 59.9 +1.0
W18A	comp-Z,111nm,1.2s				
W18A	Petrified Fore	51.23 80	P	P	13 29 59.6 +0.6
S22A	4UR Ranch, Cre	51.31 75	P	P	13 30 00.7 +1.0
214A	Organ Pipe Nat	51.42 85	P	P	13 30 01.0 +0.8
214A	Organ Pipe Nat	51.42 85	P	P	13 30 00.5 +0.3
X18A	Snowflake	51.48 81	P	IAMB	13 30 02.8 +1.9
Q24A	Divide Springs	51.55 73	P	P	13 30 02.1 +0.6
DAG	Danmarks Havn	51.65 61	iP	P	13 30 00.4 -0.9
DAG	Danmarks Havn	51.65 61	iP	pmax	13 30 00.4 -0.9
DAG	comp-Z,12nm,0.8s				
HSPB	Hornsund (broa	51.68 356	eP	P	13 30 05.0 +3.5
HSPB	Hornsund (broa	51.68 356	eP	P	13 30 05.0 +3.5
HSPB	Hornsund (broa	51.68 356	eP	P	13 30 05.0 +3.5
SUSD	Miller	51.75 64	IAMS_20	IAMS_20	13 52 29.9
SUSD	Miller	51.75 64	P	P	13 30 02.2 -0.3
SDCO	Great Sand Dun	52.12 75	P	IAMB	13 30 06.2 +0.9
SDCO	comp-Z,146nm,1.4s				
SDCO	Great Sand Dun	52.12 75	P	P	13 30 06.2 +0.5
OGNE	Ogallala	52.16 69	P	P	13 30 06.3 +0.7
NACB	Ninganchiao	52.37 262	IAMS_20	IAMS_20	13 51 04.3
WHN	Wuhan	52.41 274	iP	S	13 30 07.1 -0.5
WHN	comp-Z,180nm,1.1s				
WHN	Wuhan	52.41 274	iP	S	13 30 07.1 -0.5
WHN	comp-Z,3um,23.3s				
TUC	Tucson	52.45 83	P	pmax	13 30 09.1 +1.2
TUC	comp-Z,67nm,1.3s				
TUC	comp-Z,900nm,18.0s				
TUC	Tucson	52.45 83	P	P	13 30 09.1 +1.2
TUC	Tucson	52.45 83	P	P	13 30 08.7 +0.8
KSCO	Kaye Shedlock'	53.03 72	IAMS_20	IAMS_20	13 50 34.6
KSCO	Kaye Shedlock'	53.03 72	P	P	13 30 13.6 +1.4
SSLB	Suanguing	53.05 262	P	P	13 30 11.4 -1.0
SSLB	comp-Z,163nm,1.1s				
YULB	Yu-li	53.12 262	P	IAMB	13 30 13.0 +0.1
YULB	comp-Z,154nm,1.4s				
T25A	Trinidad	53.17 74	P	LR	13 30 14.6 +1.2
FRB	Frisher Bay	53.27 31	LR	LR	13 54 40.1
ANMO	Albuquerque	53.37 78	LR	LR	13 50 12.6
ANMO	Albuquerque	53.37 78	iP	pmax	13 30 15.3 +0.5
ANMO	Albuquerque	53.37 78	IAMS_20	IAMS_20	13 50 01.7
ANMO	Albuquerque	53.37 78	P	P	13 30 15.6 +0.8
XAN	Xi'an	53.44 281	P	P	13 30 14.5 -0.7
XAN	comp-Z,1um,20.0s				
XAN	Xi'an	53.44 281	P	P	13 30 25.1 +0.7
XAN	Xi'an	53.44 281	P	P	13 30 29.1 +1.1
XAN	Xi'an	53.44 281	P	P	13 31 21.8 -0.2
XAN	Xi'an	53.44 281	P	P	13 32 16.0 +0.5
XAN	Xi'an	53.44 281	P	P	13 37 42.3 -3.0
XAN	Xi'an	53.44 281	P	P	13 40 03.0 +0.9
XAN	comp-Z,62nm,1.1s				
XAN	comp-Z,550nm,4.1s				
XAN	comp-Z,830nm,16.0s				
XAN	comp-Z,1um,20.3s				
XAN	comp-Z,1um,21.1s				
XAN	Xi'an	53.44 281	IAMS_20	IAMS_20	13 51 58.6
SUMG	Summit	53.48 14	iP	P	13 30 15.1 -0.3
SUMG	comp-Z,227nm,1.1s				
SUMG	Summit	53.48 14	P	pmax	13 30 15.0 -0.3
SUMG	Summit	53.48 14	P	P	13 30 14.9 -0.4
SUMG	comp-Z,72nm,1.0s				
ECSD	EROS Data Cent	53.51 63	P	P	13 30 14.6 -1.0
ECSD	EROS Data Cent	53.51 63	IAMS_20	IAMS_20	13 56 01.7
ECSD	EROS Data Cent	53.51 63	P	P	13 30 14.6 -1.0
TPUB	Ta-pu	53.60 262	P	IAMB	13 30 15.6 -0.9
TPUB	comp-Z,89nm,1.1s				
TPUB	Ta-pu	53.60 262	P	IAMB	13 30 18.8
TPUB	comp-Z,1um,20.0s				
EYMN	Ely	53.65 57	P	P	13 30 15.9 -0.5
EYMN	comp-Z,309,SNR=23				
EYMN	Ely	53.65 57	P	P	13 30 15.7 -0.8
Y22D	IRIS PASCAL I	53.68 79	P	P	13 30 19.4 +0.5
QZH	Quanzhou	53.68 265	iP	S	13 30 17.4 +0.4
QZH	comp-Z,120nm,1.3s				
QZH	Quanzhou	53.68 265	pmax	pmax	13 37 52.4 +3.7
QZH	comp-Z,550nm,7.4s				
QZH	Quanzhou	53.68 265	pmax	pmax	13 30 17.4 +0.4
QZH	comp-Z,780nm,20.8s				
QZH	Quanzhou	53.68 265	LR	LR	13 30 17.4 +0.4
QZH	comp-Z,640nm,17.5s				
QZH	Quanzhou	53.68 265	LR	LR	13 30 17.4 +0.4
QZH	comp-Z,960nm,22.8s				
ZAAO	Zalesovo Array	53.94 313	IAMS_20	IAMS_20	13 53 33.9
ZALV	Zalesovo Beam	53.94 313	P	P	13 30 17.7 -0.7
ZALV	comp-Z,2.0nm,0.5s,baz=64,slow=5.5,SNR=11				
ZALV	Zalesovo Beam	53.94 313	P	P	13 31 23.8 +0.3
ZALV	comp-Z,28nm,0.7s,baz=37,slow=3.6,SNR=17				
ZALV	Zalesovo Beam	53.94 313	P	P	13 31 23.8 +0.3
ZALV	comp-Z,17nm,0.8s,baz=33,slow=3.7,SNR=6.3				
ZALV	Zalesovo Beam	53.94 313	LR	LR	13 54 50.3
319A	Douglas	54.02 83	IAMS_20	IAMS_20	13 53 22.9
BGNE	Belgrade	54.12 67	P	P	13 30 20.4 +0.4
121A	Cookes Peak, D	54.16 81	P	P	13 30 19.5 -1.1
121A	Cookes Peak, D	54.16 81	P	P	13 30 21.5 +0.8
E38A	The Farm, Brul	54.46 58	P	IAMB	13 30 21.1 -1.3
E38A	comp-Z,71nm,1.1s				
SPMN	Marine on St.	54.67 60	IAMS_20	IAMS_20	13 56 01.1
SPMN	Marine on St.	54.67 60	P	P	13 30 23.7 -0.3
CBKS	Cedar Bluff	54.88 70	P	P	13 30 25.3 -0.3

CBKS	Cedar Bluff	54.88 70	P	P	13 30 25.3 -0.3
CBKS	Cedar Bluff	54.88 70	P	P	13 30 26.4 +0.8
LZH	Lanzhou	55.18 286	iP	P	13 30 28.8 +0.9
LZH	comp-Z,180nm,1.3s				
LZH	Lanzhou	55.18 286	pP	pP	13 30 41.6 +0.8
LZH	Lanzhou	55.18 286	PP	PP	13 32 33.3 +2.1
LZH	Lanzhou	55.18 286	S	S	13 38 07.3

Table with columns for station call letters, frequency, and other technical details. Includes stations like TXAR, KURK, SMPP, APA, D48A, ABTX, TUL1, H46A, WMQ, VMO, D49A, GLMI, J45A, MATO, L44A, S39A, E48A, G47A, H46A, F48A, H47A, HDIL, HDIL, J46A, M44A, I47A, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, F49A, H48A, MAK2, MAK2, Z35A, D50A, GYA, GYA, GYA, GYA, LSQQ, K46A, P43A, P43A, I48A, SCHO, SCHO, SCHO, J47A, X37A, X37A, BOAC, CCM, CCM, L46A, D51A, O44A, SLM, JCT, VLDQ, VLDQ, U40A, U40A, K47A, E51A, J48A, I49A, W39A, W39A.

Table with columns for station call letters, frequency, and other technical details. Includes stations like BRVK, BRVK, WHTX, WHTX, F51A, K48A, L47A, SFIN, SFIN, J49A, MSLP, M47A, D53A, D53A, E52A, F52A, K49A, FCAR, FCAR, L48A, MIAR, MIAR, MIAR, N47A, N47A, N47A, Z38A, P46A, P46A, AAM, AAM, M48A, M48A, SVE, SVE, SVE, L49A, D54A, D54A, OLIL, WHAR, 435B, 435B, 435B, PBMO, PBMO, E53A, S44A, S44A, W41B, W41B, K50A, LCAR, LCAR, ALGO, N48A, H52A, H52A, I51A, E54A, X40A, X40A, X40A, PRGR, PRGR, M49A, H06E, I52A, SADO, SADO, G53A, L50A, O48A, G54A, N49A, N49A, N49A, D55A, 833A, 833A, K51A, USIN, USIN, E55A, MOR8, M50A, T45A, J52A, H53A, I53A, ARU, ARU, ARU.

Table with columns for station call letters, frequency, and other technical details. Includes stations like ARU, ARU, ARU, P48A, P48A, O49A, F55A, F55A, NATX, NATX, K52A, Z41A, Q48A, E56A, BUKP, N50A, P49A, PLVO, PLVO, G55A, WCI, WCI, WCI, X43A, X43A, M51A, D57A, DELO, DELO, DELO, O50A, N51A, Q49A, I55A, H55A, LATQ, LATQ, M52A, E57A, ACOS, P50A, T47A, D58A, J54A, J54A, KMI, KMI, KMI, KMI, KMI, KMI, KMI, QIZ, QIZ, QIZ, QIZ, R49A, L53A, KIRV, ERPA, MEDO, MEDO, WVT, WVT, WVT, WVT, O51A, N52A, H56A, M53A, E58A, GENI, Q50A, CTBH, L54A, J55A, S49A, OXF, P51A, P51A, K54A, G57A, SMP1, D59A.

143A	Soes Landing	63.98	70	IAMs_20	IAMs_20	14 02 01.0
KLMR	Klimovskoe	64.01	340	eP	P	13 31 25.1 -3.0
KLMR	comp=Z,98nm,1.2s			MLR	MLR	
KLMR	comp=Z,2um,17.0s			eP	P	13 31 25.1 -3.0
KLMR	Klimovskoe	64.01	340	eP	AMP	13 31 28.9
KLMR	comp=Z,98nm,1.2s			LR	LR	13 54 55.0
KLMR	comp=Z,2um,16.6s			LR	AMP	14 03 21.8
R50A	Paris	64.03	61	P	P	13 31 29.1 +0.4
Q51A	Peebles	64.03	60	P	P	13 31 29.0 +0.3
Q51A	comp=Z,72nm,0.7s			IAMs_20	IAMs_20	13 31 29.4
Q51A	comp=Z,1um,19.0s			IAMs_20	IAMs_20	14 01 58.4
Q51A	Peebles	64.03	60	P	P	13 31 28.9 +0.2
E59A	St. Maurice	64.05	47	P	P	13 31 27.5 -1.2
O52A	Adamsville	64.06	58	P	P	13 31 28.7 -0.2
O52A	Adamsville	64.06	58	P	P	13 31 28.7 -0.2
WVNY	West Valley, N	64.08	54	P	P	13 31 28.9 +0.1
N53A	Libbo	64.09	57	P	P	13 31 28.8 -0.2
K55A	Perry	64.12	53	P	P	13 31 29.1 -0.1
H57A	Richville	64.18	51	P	P	13 31 28.5 -1.0
M54A	Oil Creek Stat	64.19	55	P	P	13 31 29.0 -0.7
M54A	comp=Z,98nm,1.2s			IAMB	IAMB	13 31 30.5
M54A	Oil Creek Stat	64.19	55	P	P	13 31 29.6 -0.1
T49A	Edmonton	64.21	62	P	P	13 31 29.8 -0.1
T49A	Edmonton	64.21	62	P	P	13 31 30.1 +0.2
P52A	Corning	64.25	58	P	P	13 31 29.5 -0.6
PL3A	Pickwick Lake	64.29	66	P	P	13 31 30.3 -0.2
O53A	New Philadelphia	64.29	57	P	P	13 31 30.1 -0.3
G58A	Ormstown	64.32	49	P	P	13 31 28.8 -1.6
J56A	Wolcott	64.33	52	P	P	13 31 29.7 -0.8
J56A	comp=Z,123nm,1.2s			IAMB	IAMB	13 31 31.0
J56A	Wolcott	64.33	52	P	P	13 31 30.2 -0.4
L55A	Hinsdale	64.33	54	P	P	13 31 30.6 0.0
F59A	Saint Guillaume	64.39	48	P	P	13 31 29.9 -1.0
N54A	Moraine State	64.42	56	P	P	13 31 30.9 -0.3
N54A	comp=Z,48nm,0.6s			IAMB	IAMB	13 31 32.4
N54A	Moraine State	64.42	56	P	P	13 31 30.9 -0.3
S50A	Richmond	64.42	61	P	P	13 31 31.5 +0.3
R51A	Hillsboro	64.42	60	P	P	13 31 31.8 +0.5
I57A	Carthage	64.43	51	P	P	13 31 30.3 -0.9
L0NY	Lake Ozonia	64.45	50	P	P	13 31 30.2 -1.2
D60A	Saint Jean D'O	64.46	46	P	P	13 31 30.1 -1.2
V48A	Smith Brothers	64.46	64	P	P	13 31 31.5 0.0
V48A	comp=Z,903nm,18.0s			IAMs_20	IAMs_20	14 03 21.2
CLTN	Cedars of Leba	64.49	64	P	P	13 31 32.1 +0.4
CLTN	comp=Z,1um,20.0s			IAMs_20	IAMs_20	13 57 24.8
U49A	Red Boiling Sp	64.49	63	P	P	13 31 31.8 0.0
K56A	Middlesex	64.52	53	P	P	13 31 31.9 +0.1
D61A	St Aubert, Com	64.57	46	P	P	13 31 31.1 -0.9
D61A	St Agathe de	64.63	47	P	P	13 31 31.1 -1.4
T50A	Nancy	64.65	62	P	P	13 31 33.1 +0.3
J57A	Williamstown	64.66	52	P	P	13 31 32.2 -0.5
J57A	comp=Z,64nm,1.2s			IAMB	IAMB	13 31 32.7
J57A	Williamstown	64.66	52	P	P	13 31 32.0 -0.6
Q52A	Bidwell	64.66	59	P	P	13 31 32.6 -0.2
M55A	Ridgway	64.68	55	P	P	13 31 32.6 -0.3
M55A	comp=Z,63nm,0.9s			IAMB	IAMB	13 31 34.5
M55A	Ridgway	64.68	55	P	P	13 31 32.9 0.0
F60A	Warwick	64.69	47	P	P	13 31 31.5 -1.4
P53A	Whipple	64.75	58	P	P	13 31 33.3 -0.1
P53A	comp=Z,48nm,0.8s			IAMB	IAMB	13 31 33.7
P53A	Whipple	64.75	58	P	P	13 31 33.2 -0.2
G59A	Clarenceville	64.78	49	P	P	13 31 31.9 -1.6
O54A	Avella	64.78	57	P	P	13 31 33.1 -0.4
O54A	comp=Z,38nm,0.8s			IAMB	IAMB	13 31 33.8
O54A	Avella	64.78	57	P	P	13 31 33.4 -0.2
H58A	Gabriels	64.80	50	P	P	13 31 32.0 -1.6
L56A	Greenwood	64.81	54	P	P	13 31 33.9 +0.1
L56A	Greenwood	64.81	54	P	P	13 31 33.9 +0.1
VBMS	Vicksburg	64.85	69	P	P	13 31 34.8 +0.7
H59A	Cadyville	64.86	49	P	P	13 31 32.7 -1.3
S51A	Beattyville	64.89	61	P	P	13 31 34.4 0.0
S51A	comp=Z,108nm,1.4s			IAMB	IAMB	13 31 43.3
S51A	Beattyville	64.89	61	P	P	13 58 26.4
S51A	comp=Z,1um,21.0s			IAMs_20	IAMs_20	13 31 34.4 0.0
K57A	Scipio Center	64.90	53	P	P	13 31 34.1 -0.3
R52A	Cattlettsburg	64.91	60	P	P	13 31 34.4 0.0
I58A	Old Forge	64.95	51	P	P	13 31 33.4 -1.3
M56A	Emporium	64.97	54	P	P	13 31 34.6 -0.3
M56A	Emporium	64.97	54	P	P	13 31 34.7 -0.1
E61A	Lao Etchemin	65.02	46	P	P	13 31 34.0 -1.1
J58A	Remsen	65.04	51	P	P	13 31 34.5 -0.8
J58A	comp=Z,76nm,1.2s			IAMB	IAMB	13 31 35.6
J58A	Remsen	65.04	51	P	P	13 31 34.7 -0.6
N55A	Marion Center	65.07	55	P	P	13 31 35.1 -0.4
F61A	St Evariste	65.13	47	P	P	13 31 35.0 -0.8
Q53A	Leroy	65.15	59	P	P	13 31 36.1 -0.8
S52A	Salversville	65.15	60	P	P	13 31 36.5 +0.5
P54A	Burton	65.15	57	P	P	13 31 35.8 -0.2
Q62A	Allapoint, All	65.17	45	P	P	13 31 35.0 -0.9
D62A	comp=Z,85nm,1.0s			IAMB	IAMB	13 31 35.0 -0.9
D62A	Allapoint, All	65.17	45	P	P	13 31 35.4 -0.6
T51A	Gray	65.19	61	P	P	13 31 36.2 +0.3
X48A	Hartselle	65.26	65	P	P	13 31 36.2 -0.6
X48A	comp=Z,126nm,1.1s			IAMB	IAMB	13 31 45.9
L57A	Andrews Acres	65.27	53	P	P	13 31 36.6 -0.2

R53A	Hurricane	65.29	59	P	P	13 31 36.5 -0.4
R53A	Hurricane	65.29	59	P	P	13 31 37.3 +0.4
K58A	Earlville	65.31	52	P	P	13 31 36.8 -0.2
K58A	comp=Z,170nm,1.5s			IAMB	IAMB	13 31 37.8
K58A	Earlville	65.31	52	P	P	13 31 36.8 -0.2
O55A	Ligonier	65.33	56	P	P	13 31 36.5 -0.6
N56A	West Decatur	65.33	55	P	P	13 31 37.0 -0.2
SWET	Seneca	65.34	64	P	P	13 31 37.0 -0.3
J59A	Piesco	65.35	51	P	P	13 31 36.0 -1.2
J59A	Piesco	65.35	51	P	P	13 31 36.1 -1.2
H60A	Morristown	65.40	49	P	P	13 31 36.3 -1.3
G61A	St-Isidore-de	65.41	48	P	P	13 31 36.5 -1.0
I59A	Omstedville	65.41	50	P	P	13 31 36.4 -1.1
Q54A	Coxs Mills	65.41	58	P	P	13 31 37.7 0.0
Q54A	comp=Z,48nm,1.1s			IAMB	IAMB	13 31 39.7
Q54A	Coxs Mills	65.41	58	P	P	13 31 37.6 0.0
MCWV	Mont Chateau	65.44	57	P	P	13 31 37.4 -0.5
MCWV	Mont Chateau	65.44	57	P	P	13 31 37.8 -0.1
SLVN	Son La	65.53	274	P	P	13 31 39.3 +0.6
SLVN	comp=Z,105nm,1.3s			IAMB	IAMB	13 31 40.7
SLVN	comp=Z,771nm,19.0s			IAMs_20	IAMs_20	14 00 53.2
BINY	Binghamton	65.56	53	P	P	13 31 37.4 -1.2
BINY	Binghamton	65.56	53	P	P	13 31 38.5 -0.1
P55A	Reedsville	65.56	57	P	P	13 31 38.6 -0.1
T52A	Hallie	65.61	61	P	P	13 31 39.6 +0.6
M57A	Sunshine Farm,	65.62	54	P	P	13 31 39.0 +0.1
M57A	Sunshine Farm,	65.62	54	P	P	13 31 39.1 +0.1
D63A	Stockholm	65.62	44	P	P	13 31 38.0 -0.9
I60A	Shoreham	65.65	50	P	P	13 31 38.4 -0.7
O56A	Blue Knob Stat	65.67	56	P	P	13 31 38.6 -0.7
S53A	Williamson	65.67	60	P	P	13 31 39.9 +0.5
K59A	Cooperstown	65.69	52	P	P	13 31 38.7 -0.8
TZTN	Tazewell	65.71	62	P	P	13 31 40.1 +0.4
L58A	Harry Jones Me	65.74	53	P	P	13 31 39.7 0.0
SSPA	Standing Stone	65.75	55	P	P	13 31 39.5 -0.2
SSPA	comp=Z,81nm,1.1s			IAMB	IAMB	13 31 40.6
SSPA	Standing Stone	65.75	55	P	P	13 31 39.6 -0.2
H61A	Lyndonville	65.78	48	P	P	13 31 39.0 -1.1
Q55A	Buckannon	65.80	58	P	P	13 31 40.4 +0.1
KDJ	Kajisay	65.81	308	P	P	13 31 40.8 +0.3
KDJ	comp=Z,131nm,1.5s			pmx	pmx	
KDJ	Kajisay	65.81	308	P	P	13 31 40.8 +0.3
KDJ	comp=Z,2um,22.0s			MLR	MLR	
KDJ	Kajisay	65.81	308	P	P	13 31 40.8 +0.3
KDJ	comp=Z,131nm,1.4s			IAMB	IAMB	13 31 42.5
FIA1	FINESS Array S	65.85	347	P	P	13 31 39.3 -0.8
FIA1	comp=Z,60nm,0.9s			IAMB	IAMB	13 31 40.6
FINES	FINESS Array B	65.85	347	P	P	13 31 38.9 -1.2
FINES	comp=Z,35nm,0.7s, baz=22, slow=7.0			LR	LR	14 06 15.6
FINES	FINESS Array B	65.85	347	P	P	13 31 39.0 -1.2
FINES	comp=Z,1um,18.2s, baz=24, slow=4.1			pmx	pmx	
FINES	FINESS Array B	65.85	347	P	P	13 31 39.2 -0.9
G62A	West of Eustis	65.92	47	P	P	13 31 39.4 -1.4
G62A	comp=Z,53nm,0.8s			IAMB	IAMB	13 31 40.5
G62A	West of Eustis	65.92	47	P	P	13 31 40.2 -0.7
R54A	Victor	65.92	59	P	P	13 31 41.4 +0.4
M58A	Price's Parra	65.93	54	P	P	13 31 41.0 -0.1
T53A	Wise	65.95	61	P	P	13 31 41.8 +0.5
E63A	Oxbow	65.95	45	P	P	13 31 39.6 -1.4
E63A	comp=Z,65nm,0.9s			IAMB	IAMB	13 31 40.5
E63A	Oxbow	65.95	45	P	P	13 31 39.8 -1.3
CPCT	Cedar Cave	65.97	63	P	P	13 31 41.2 -0.1
TKM2	Tokmak 2	66.00	309	P	P	13 31 42.5 +0.8
LBNH	Libson	66.00	49	P	P	13 31 40.6 -0.8
FPAL	Fort Pine	66.01	64	P	P	13 31 41.6 0.0
S54A	Dingess, Beckl	66.02	59	P	P	13 31 41.8 +0.1
S54A	comp=Z,94nm,1.3s			IAMB	IAMB	13 31 42.8
S54A	Dingess, Beckl	66.02	59	P	P	14 03 09.0
L59A	Walton	66.03	52	P	P	13 31 41.3 -0.4
L59A	comp=Z,109nm,1.1s			IAMB	IAMB	13 31 42.3
L59A	Walton	66.03	52	P	P	13 31 41.3 -0.4
J60A	Lant Hill Farm	66.04	50	P	P	13 31 41.0 -0.7
Y49A	Blount Mountain	66.05	65	P	P	13 31 41.5 -0.4
P56A	Dayton Fair	66.06	58	P	P	13 31 42.1 +0.1
I61A	Oroboro, Fair	66.10	49	P	P	13 31 41.4 -0.7
H62A	Milan	66.11	48	P	P	13 31 41.2 -1.0
H62A	Milan	66.11	48	P	P	13 31 41.3 -0.8
ULHL	Uthor	66.19	308	P	P	13 31 43.0 +0.1
O57A	Amberson	66.19	55	P	P	13 31 42.6 -0.1
N58A	Sunbury	66.19	54	P	P	13 31 42.4 -0.3
N58A	comp=Z,132nm,1.3s			IAMB	IAMB	13 31 43.5
N58A	Sunbury	66.19	54	P	P	13 31 42.5 -0.3
F63A	Nahmakatta, Br	66.20	46	P	P	13 31 41.9 -0.8
F63A	comp=Z,102nm,1.1s			IAMB	IAMB	13 31 42.6
F63A	Nahmakatta, Br	66.20	46	P	P	13 31 41.8 -0.9
E64A	Bridgewater	66.22	45	P	P	13 31 41.6 -1.2
TKL	Tuckaleechee C	66.23	62	P	P	13 31 43.1 +0.1
TKL	comp=Z,153nm,1.1s			pmx	pmx	
TKL	Tuckaleechee C	66				

Table with columns for call sign, frequency, power, and other technical details. Includes entries like NC204, NC303, U56A, AKTO, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like OBN, OBN, OBN, 157A, MSAI, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like BSEB, GPK, GPK, GPK, etc.

NEIC 13 14:08:46.1e.1.9, 19:35:0.2, 177.4W, 0.1, h58km, 13km, mb4.2/6, Error ellipse: s-maj=25.5km s-min=15.2km az=158.0

IDC 13 14:08:46.0e.1.8, 19:39:5.177.39W, h578km, 29km, mb3.5/5, mb1 3.8/8, mb1mx3.2/47, mbtmp4.5/8, Error ellipse: s-maj=31.8km s-min=18.6km az=129.0

ISC 13 14:08:46.0e.0.6, 19:35:0.1x177.33W, 0.10, h600km, n38, r1922/42, mb4.4/17, Fiji Islands region

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

IDC 13 14:17:38.5e.1.4, 2.46S, 140.29E, h0km, mb4.0/6, mb1 4.2/7, mb1mx3.9/28, mbtmp4.1/7, ML4.0/1, MS3.4/2, Ms1 3.4/2, ms1mx2.9/30, Error ellipse: s-maj=46.4km s-min=21.2km az=98.0

DJA 13 14:17:40.4e.0.5, 2.5S, 140.0E, h10km, M4.4/3, mb4.4/3

NEIC 13 14:17:45.2e.1.5, 2.5S, 140.0E, 0.05, h42km, 8km, mb4.2/15, Error ellipse: s-maj=20.5km s-min=3.5km az=162.0

ISC 13 14:17:42.5e.1.0, 2.47S, 140.23E, 0.04, h23km, 6km, n44, r1950/41, mb4.2/10, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Gennyem, Jayapura, Sarmi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WAKE ISLAND, CHIANG MAI, etc.

IDC 13 14:23:36.6e.37.1.0, 37.93N, 116.06W, h0km, Error ellipse: s-maj=144.2km s-min=93.6km az=2.0, Southern Nevada

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PINION FLAT INF, NEWPORT INFRASIO, etc.

DDA 13 14:28:04.7, 37.24N, 38.06E, h5km, 1km, MW3.4 ISK 13 14:28:05.2, 37.23N, 38.10E, h8km, ML3.2/13 GIL 13 14:28:18.6e.0.0, 37.09N, 38.50E, h1km

ISC 13 14:28:03.7e.1.2, 37.15N, 116.02E, 0.02, h6km, 10km, n39, r1925/57, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Gaziantep, Urfa, Kuzuini, etc.

ISC 13 14:50:42.6e.7.1, 28.83N, 143.24E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.3/28, mbtmp3.4/4, ML2.9/1, Error ellipse: s-maj=27.4km s-min=26.3km az=72.0, Bonin Islands region

IDC 13 15:25:13.8e.5.5, 24.34S, 67.14W, h150km, 47km, mb1 3.4/3, mb1mx3.1/40, mbtmp3.7/3, Error ellipse: s-maj=72.3km s-min=30.3km az=159.0

SJA 13 15:25:14.0e.1.2, 24.30S, 67.36W, h176km, 10km, ML3.2, MW3.3

GUC 13 15:25:16.2e.0.6, 24.28S, 67.73W, h209km, 11km, ML3.6

ISC 13 15:25:14.3e.1.0, 24.29S, 0.05, 67.38W, 0.04, h177km, 9km, n31, r1917/55, BC-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Matushiro Arr, Warramunga Arr, etc.

KRNET 13 14:46:44.0e.1.0, 40.33N, 72.58E, h13km, mb2.0, 16C-8D, Kyrgyzstan

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

IDC 13 14:50:42.6e.7.1, 28.83N, 143.24E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.3/28, mbtmp3.4/4, ML2.9/1, Error ellipse: s-maj=27.4km s-min=26.3km az=72.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Matushiro Arr, Warramunga Arr, etc.

IDC 13 15:25:13.8e.5.5, 24.34S, 67.14W, h150km, 47km, mb1 3.4/3, mb1mx3.1/40, mbtmp3.7/3, Error ellipse: s-maj=72.3km s-min=30.3km az=159.0

SJA 13 15:25:14.0e.1.2, 24.30S, 67.36W, h176km, 10km, ML3.2, MW3.3

GUC 13 15:25:16.2e.0.6, 24.28S, 67.73W, h209km, 11km, ML3.6

ISC 13 15:25:14.3e.1.0, 24.29S, 0.05, 67.38W, 0.04, h177km, 9km, n31, r1917/55, BC-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SLA Limon Verde, SLA Humahuaca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATM Batumi, ARXK Arkhyz, CHOM Cayelli-Rize, etc.

ISK 13 16:18:59.8, 42.34N:40.96E, h12km, ML3.3/11
TIF 13 16:18:59.5, 42.39N:41.01E, h29km, 2km
NORS 13 16:19:00.2, 42.48N:41.06E, h2km, MPV44.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATM Batumi, ARXK Arkhyz, CHOM Cayelli-Rize, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIV Kislovodsk, SENK Senkaya-Erzuru, AKH Akhalkalaki, etc.

DJA 13 16:21:43.6, 0.4, 2.3S:5.13'0E, h21km, 6km, M4.0/9, mB5.0/1, mB5.0/1, MLv3.6/9, Mw(m)B4.3/1, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATM Batumi, ARXK Arkhyz, CHOM Cayelli-Rize, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKI Kunimi, JKD Kudamatsu, JUK Usuki, etc.

NIED 13 17:06:00, 33.70N:131.90E, h83km, Mw6.3 Best double couple: M3.54000x10^18 NP1.9:355.00000, 379.00000,

Main data table containing station call signs, frequencies, and signal strength indicators. Includes columns for station name, frequency, and various signal strength metrics.

13d 17h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MYKOM Kota Tinggi, SAUI Saumlaki, GSTR Shalkode, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BOOM Boomsokoye usch, PLAI Plampang, NNRN Naryn, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JBP SISI Saibi, DBJI Dramaga, NDI New Delhi, etc.

13d 17h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ELL Elmal, M04C Macdoel, PUNG Punghina, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GOPC GO Pecny, Ondr, KHC Kasperske Hory, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MOX baz=46,slow=5.3, KHC Kasperske Hory, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like GSC Goldstone, OLDB Oldbury-Upon-S, DSB Dublin, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SMCO Snowmass, SUSD Suster, 113A Mohawk Valley, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like E43A Grand Marais A, TAOE Hiva Isala, 319A Douglas, etc.

PBRG	Braganca	baz=334,SNR=11	95.83	330	eP	P	17 20 07.2	-1.0	TUL1	Leonard	comp=Z,57nm,1.1s	97.75	37	P	Iamb	P	17 20 16.8	-0.1	ERPA	Erie	baz=334	99.17	23	Pdiff	Pdiff	17 20 22.6	-0.5		
E52A	Mattawa	comp=Z,24nm,1.7s	95.84	21	P	P	17 20 07.6	-0.4	TUL1	Leonard	comp=Z,57nm,1.0s	97.75	37	P	Pdiff	Iamb	P	17 20 18.4	+1.4	NCB	Newcomb	comp=Z,73nm,1.6s	99.21	19	P	Iamb	Pdiff	17 20 24.0	+0.7
I47A	Gladwin	baz=335	95.93	25	P	Iamb	17 20 09.0	+0.4	L48A	N Adams	baz=332	97.76	26	P	Pdiff	Iamb	P	17 20 17.9	+0.9	M52A	Chesterland	baz=333	99.22	25	Pdiff	Pdiff	17 20 24.9	+1.4	
I47A	Gladwin	comp=Z,106nm,1.2s	95.93	25	P	P	17 20 10.0	+1.4	PCBR	Caselleo Branco	baz=330	97.77	330	eP	P	P	17 20 16.0	-0.9	L53A	Girard	baz=333	99.23	24	Pdiff	Pdiff	17 20 24.0	+0.6		
ABPO	Ambohimpamom	comp=Z,58nm,1.4s	95.97	251	P	pmax	17 20 07.5	-1.7	W35A	Tecumseh	baz=341	97.79	38	P	P	P	17 20 17.0	-0.1	J57A	Wilkesstown	baz=337	99.23	20	Pdiff	Pdiff	17 20 24.1	+0.7		
ABPO	Ambohimpamom	comp=Z,58nm,1.4s	95.97	251	P	Iamb	17 20 07.5	-1.7	E61A	Lac Etchemin	baz=341	97.81	15	P	P	P	17 20 17.0	0.0	K55A	Perry	baz=335	99.24	22	Pdiff	Pdiff	17 20 24.1	+0.7		
E53A	Dumoine, Ponti	comp=Z,58nm,1.4s	96.04	20	P	P	17 20 08.6	-0.4	F59A	Sauil Guillaume	baz=340	97.82	17	P	P	Pdiff	17 20 17.8	+0.7	N50A	Nevada	baz=331	99.26	26	Pdiff	Pdiff	17 20 24.6	+1.0		
D55A	Sainte-Anne-du	baz=337,SNR=16	96.05	18	P	P	17 20 09.2	+0.2	H55A	Tweed	baz=336	97.85	20	P	Pdiff	Iamb	P	17 20 17.5	+0.3	H61A	Lyndonville	baz=340	99.27	17	Pdiff	Pdiff	17 20 24.6	+1.0	
I48A	Sherman Twp	baz=331,SNR=16	96.07	25	P	P	17 20 10.0	+0.8	COI	Coimbra	baz=336	97.86	330	ePP	PP	S	17 24 20.2	+4.6	PMAFR	Matra	baz=337	99.27	330	eP	Pdiff	17 20 23.4	-0.3		
F52A	Sundridge	baz=334	96.08	21	P	P	17 20 09.4	+0.2	L49A	Milan	baz=331	97.86	26	P	Pdiff	Iamb	P	17 20 18.4	+1.1	PMAFR	Matra	baz=337	99.27	330	ePP	PP	17 31 39.1	-1.0	
E54A	Lac Daplat, Po	baz=336	96.12	20	P	P	17 20 08.9	-0.4	BATG	Bathurst New B	97.88	12	P	P	P	17 20 16.3	-1.0	L54A	Sinclairville	baz=334	99.29	23	Pdiff	Pdiff	17 20 24.7	+1.0			
D56A	ZEC Mazanza, M	baz=339,SNR=30	96.21	18	P	P	17 20 10.1	+0.4	G57A	Newington	baz=338	97.95	19	P	Pdiff	Iamb	P	17 20 18.0	+0.4	W39A	Magazine	comp=Z,78nm,1.6s	99.32	36	P	Iamb	Pdiff	17 20 23.9	-0.1
L44A	Lake County Fo	96.22	29	P	P	P	17 20 09.9	0.0	I55A	Frankford	baz=336	98.00	21	P	P	P	17 20 17.1	-0.7	W39A	Magazine	comp=Z,78nm,1.6s	99.32	36	Pdiff	Pdiff	17 20 24.8	+0.9		
L44A	Lake County Fo	96.22	29	P	P	P	17 20 31.9	-0.5	J52A	Paris	baz=333,SNR=5.2	98.01	23	P	Pdiff	Iamb	P	17 20 18.6	+0.7	WVNY	West Valley, N	comp=Z,90nm,1.2s	99.36	22	P	Iamb	Pdiff	17 20 23.8	-0.3
N41A	Harden Midland	96.22	31	P	P	P	17 20 10.2	+0.3	PCAS	Casimiro, Conde	baz=338	98.02	330	ePP	PP	S	17 24 21.7	+4.8	WVNY	West Valley, N	comp=Z,90nm,1.2s	99.36	22	P	Iamb	Pdiff	17 20 23.8	-0.3	
N41A	Harden Midland	96.22	31	P	P	Iamb	17 20 10.2	+0.3	U38A	Gravette	98.04	36	P	Iamb	Iamb	17 20 22.9		N51A	Ashland	baz=332	99.41	26	P	Pdiff	Pdiff	17 20 23.1	-1.1		
ALGO	Algonquin Park	comp=Z,98nm,1.1s	96.31	20	P	P	17 20 10.1	-0.1	M48A	Edgerton	comp=Z,62nm,1.2s	98.05	27	P	Iamb	Iamb	17 20 16.2	-1.9	S44A	Carbondale	baz=332	99.41	32	P	Pdiff	Pdiff	17 20 25.1	+0.9	
PGAV	Gavieira, Arco	baz=335,SNR=11	96.32	331	eP	P	17 20 09.8	-0.7	M48A	Edgerton	comp=Z,148nm,1.9s	98.05	27	P	Pdiff	Iamb	P	17 20 19.5	+1.3	H62A	Milan	baz=341	99.42	16	Pdiff	Pdiff	17 20 24.5	+0.3	
PGAV	Gavieira, Arco	comp=Z,44nm,1.5s	96.32	331	ePP	PP	17 24 11.0	+7.1	SFIN	Lafayette	comp=Z,60nm,1.3s	98.07	29	P	Iamb	Iamb	17 20 18.0	-0.3	J58A	Remsen	baz=333	99.48	20	Pdiff	Pdiff	17 20 25.1	+0.5		
PGAV	Gavieira, Arco	comp=Z,2,2um,20.0s	96.32	331	eLR	LR	17 31 20.8	-2.8	SFIN	Lafayette	comp=Z,60nm,1.3s	98.07	29	P	Pdiff	Iamb	Iamb	17 20 19.3	+1.0	M53A	WI Miller and	baz=333	99.55	24	Pdiff	Pdiff	17 20 25.6	+0.7	
ESDC	Sonsecra Array	comp=Z,3.9nm,0.9s,slow=4.0,SNR=6.0	96.37	327	P	PKKpbc	17 53 20.9		H56A	Elgin	comp=Z,62nm,1.2s	98.07	20	P	P	P	17 20 18.2	0.0	I60A	Shoreham	baz=339	99.57	18	Pdiff	Pdiff	17 20 25.9	+1.0		
ESDC	Sonsecra Array	comp=Z,1.3nm,0.7s,slow=199,slow=2,SNR=4.8	96.37	327	P	PKKpbc	17 36 55.3	+0.1	PMRV	Marv???	comp=Z,71nm,1.3s	98.08	329	eP	P	P	17 20 18.0	-0.4	J59A	Plesco	baz=338	99.60	19	Pdiff	Pdiff	17 20 24.3	-0.8		
ESDC	Sonsecra Array	comp=Z,1,1um,18.3s,slow=55,slow=39	96.37	327	P	PKKpbc	18 08 59.9		PMRV	Marv???	comp=Z,71nm,1.3s	98.08	329	eP	PKKpbc	PKKpbc	17 24 23.6	+6.2	O50A	Cable	baz=331	99.63	27	Pdiff	Pdiff	17 20 25.7	+0.5		
ESDC	Sonsecra Array	96.37	327	P	PKKpbc	17 20 08.9	-1.8	PMRV	Marv???	comp=Z,3um,20.0s	98.08	329	eLR	PKKpbc	PKKpbc	17 24 23.6	+6.2	PNCL	Nicoula / Gran	comp=Z,33nm,1.7s	99.67	329	ePP	PP	17 24 32.1	+2.6			
ESDC	Sonsecra Array	96.37	327	P	PKKpbc	17 20 36.5	+0.5	PMRV	Marv???	comp=Z,3um,20.0s	98.08	329	eLR	PKKpbc	PKKpbc	17 54 43.4		PNCL	Nicoula / Gran	comp=Z,33nm,1.7s	99.67	329	ePP	PP	17 24 32.1	+2.6			
LATQ	La Tuque	96.39	17	P	P	17 20 09.9	+0.6	K51A	Iona Station	baz=332	98.12	24	P	Pdiff	Iamb	P	17 20 19.9	+1.4	PNCL	Nicoula / Gran	comp=Z,33nm,1.7s	99.67	329	ePP	PP	17 30 58.1	+1.5		
LATQ	La Tuque	96.39	17	P	P	17 20 10.8	+0.2	F61A	St Evariste	baz=341	98.13	16	P	Pdiff	Iamb	P	17 20 19.0	+0.6	PNCL	Nicoula / Gran	comp=Z,33nm,1.7s	99.67	329	ePP	PP	17 31 56.7	+4.8		
E55A	Montcerf-Lyto	96.42	19	P	P	17 20 11.0	+0.4	G58A	Ormstown	baz=339	98.16	18	P	P	P	17 20 18.5	-0.1	K57A	Scipio Center	baz=336	99.70	21	Pdiff	Pdiff	17 20 26.9	+1.4			
D57A	Chemin Vers le	baz=339,SNR=15	96.46	17	P	P	17 20 11.1	+0.2	N47A	Urbana	comp=Z,109nm,1.5s	98.20	28	P	Iamb	Iamb	17 20 18.1	-0.7	P49A	Miami Univ. Ec	baz=330,SNR=5.2	99.74	28	P	Pdiff	Pdiff	17 20 28.9	+3.1	
MVO	Moncorvo	comp=Z,30nm,1.6s	96.48	330	eP	P	17 20 10.2	-1.0	N47A	Urbana	comp=Z,109nm,1.5s	98.20	28	P	Iamb	Iamb	17 20 24.2		JCT	Junction City	baz=339	99.74	43	Pdiff	Pdiff	17 20 27.6	+1.6		
MVO	Moncorvo	96.48	330	eP	P	17 20 34.5	+0.8	N47A	Urbana	comp=Z,109nm,1.5s	98.20	28	P	Iamb	Iamb	17 20 19.4	+0.6	MESJ	Messejana	comp=N,3um,18.4s	99.76	329	ePP	PP	17 24 30.7	+0.5			
MVO	Moncorvo	96.48	330	eLR	LR	17 31 19.0	-5.9	CCM	Cathedral Cave	baz=339	98.22	33	P	pmax	pmax	17 20 18.5	-0.5	ACS0	Alum Creek Sta	baz=334	99.79	26	Pdiff	Pdiff	17 20 26.9	+0.9			
J47A	Summer	96.50	26	P	P	17 20 11.6	+0.4	CCM	Cathedral Cave	comp=Z,28nm,1.0s	98.22	33	P	P	P	17 20 18.5	-0.5	M54A	Oil Creek Stat	baz=334	99.83	23	Pdiff	Pdiff	17 20 27.1	+1.0			
J47A	Summer	96.50	26	P	P	17 20 12.3	+1.2	CCM	Cathedral Cave	comp=Z,28nm,1.0s	98.22	33	P	P	P	17 20 18.5	-0.5	Q48A	North Vernon	baz=334	99.86	29	Pdiff	Pdiff	17 20 27.5	+1.3			
I49A	Point Hope	96.60	24	P	Iamb	17 20 11.6	0.0	ABTX	Abilene, Hawle	baz=325	98.23	42	P	Iamb	Iamb	17 20 19.6	+0.6	PCV8	Castro Verde	99.86	329	eP	Pdiff	17 20 26.3	0.0				
I49A	Point Hope	96.60	24	P	Iamb	17 20 11.6	0.0	ABTX	Abilene, Hawle	comp=Z,92nm,1.4s	98.23	42	P	Iamb	Iamb	17 20 20.4		PVAQ	Vaqueiros	comp=N,24nm,1.4s	99.91	328	eP	PP	17 20 28.0	+1.5			
I49A	Point Hope	96.60	24	P	Iamb	17 20 11.6	0.0	E63A	Oxbow	baz=319,SNR=7.0	98.26	14	P	P	P	17 20 18.8	-0.2	PVAQ	Vaqueiros	comp=N,24nm,1.4s	99.91	328	eP	PP	17 24 34.1	+2.7			
I49A	Point Hope	96.60	24	P	Iamb	17 20 12.8	+1.2	L50A	Kingsville	baz=332,SNR=5.6	98.27	25	P	Pdiff	Iamb	P	17 20 19.9	+0.8	PVAQ	Vaqueiros	comp=N,24nm,1.4s	99.91	328	eLR	LR	17 31 52.0	-2.0		
T35A	St. Veronique	96.61	37	P	P	17 20 11.9	+0.2	TX31	Lajitas Ar. Si	98.30	47	P	Iamb	Iamb	17 20 18.9	-0.7	WHTX	Lake Whitney,	comp=N,2um,22.0s	99.91	41	Pdiff	Pdiff	17 20 31.3	+4.6				
E56A	St. Veronique	96.61	37	P	P	17 20 11.7	+0.2	TX31	Lajitas Ar. Si	comp=Z,68nm,1.4s	98.30	47	P	Iamb	Iamb	17 20 25.2		K58A	Kniville	baz=337	99.93	20	Pdiff	Pdiff	17 20 29.7	+3.1			
K46A	Dor	96.62	27	P	P	17 20 12.1	+0.4	TX32	Lajitas Array	98.30	47	P	Iamb	Iamb	17 20 19.3	-0.3	L56A	Greenwood	baz=336	99.93	22	Pdiff	Pdiff	17 20 29.3	+2.6				
D58A	Chemin du LacG	96.64	17	P	P	17 20 11.4	-0.2	TX32	Lajitas Array	comp=Z,69nm,1.4s	98.30	47	P	Iamb	Iamb	17 20 25.2		MIAR	Mount Ida	baz=323,SNR=13	99.94	37	P	Pdiff	Pdiff	17 20 28.0	+1.3		
CART	Cartegena	96.64	324	I/P	S	17 20 11.6	-0.3	TXAR	Lajitas Array	comp=Z,9.3nm,0.7s,slow=287,slow=2,SNR=46	98.30	47	P	P	P	17 20 20.5	+0.8	SFS	San Fernando	baz=323,SNR=13	100.01	327	ePP	PP	17 24 15.3	-1.7			
G54A	Lake Saint Pet	96.81	21	P	Iamb	17 20 12.3	-0.2	TXAR	Lajitas Array	comp=Z,9.3nm,0.7s,slow=287,slow=2,SNR=46	98.30	47	P	P	P	17 20 20.5	+0.8	P50A	Jamesstown	comp=N,2um,22.0s	100.03	27	Pdiff	Pdiff	17 20 27.8	+0.7			
J48A	Bridge Port	96.82	25	P	Iamb	17 20 12.3	-0.2	TXAR	Lajitas Array	comp=Z,5.3nm,0.6s,slow=311,slow=3,SNR=5.0	98.30	47	P	P	P	17 20 20.5	+0.8	I63A	Avella	baz=331	100.05	16	Pdiff	Pdiff	17 20 28.2	+1.2			
J48A	Bridge Port	96.82	25	P	Iamb	17 20 12.3	-0.2	TXAR	Lajitas Array	comp=Z,5.3nm,0.6s,slow=311,slow=3,SNR=5.0	98.30	47	P	P	P	17 20 20.5	+0.8	N53A	Lisbon	baz=333	100.05	25	Pdiff	Pdiff	17 20 30.2	+3.1			
M44A	Midewin, Midew	96.83	29	P	Iamb	17 20 12.7	0.0	TXAR	Lajitas Array	comp=Z,3.2nm,1.0s,slow=298,slow=5,SNR=4.3	98.30	47	P	P	P	17 24 20.3	+0.7	CEU	Gary Mavity, V	baz=333	100.09	326	ePP	PP	17 24 31.6	-1.1			
M44A	Midewin, Midew	96.83	29	P	Iamb	17 20 12.7	0.0	TXAR	Lajitas Array	comp=Z,3.2nm,1.0s,slow=298,slow=5,SNR=4.3	98.30	47	P	P	P	17 24 20.3	+0.7	W41B	Gary Mavity, V	baz=333	100.09	326	ePP	PP	17 20 28.0	+0.6			
G53A	Haliburton	96.90	21	P	P	17 20 13.0	+0.1	TXAR	Lajitas Array	comp=Z,8.4nm,0.9s,slow=308,slow=6,SNR=5.4	98.30	47	P	PKKpbc	PKKpbc	17 36 51.2	-0.5	Q49A	Aurora	baz=334</									

13d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VVDA, WVA, WMA, TOR, etc.

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like GO03, GO04, GO06, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PB01, H10N3, GO01, etc.

RES	Resolute Bay	143.78 334	PKPab	17 32 03.3	+0.2
HHC	Hu-ho-hao-te	144.42 102	ePKP	17 32 07.5	+0.6
BJT	Baijuitau	145.95 107	PKPbf	17 32 10.8	-0.2
BJJ	Beijing	145.97 107	PKPbf	17 32 11.1	+0.2
DLBC	Dease Lake	146.17 298	PKPbc	17 32 11.5	-0.4
SOMM	Somgino Arr	147.00 88	PKP	17 32 11.7	-1.0
SOMN	comp=Z,20nm,0.9s,baz=191,slo=1.7,SNR=68		ePKPbf	17 32 14.3	-0.2
SOML	comp=Z,20nm,0.9s,baz=224,slo=3.3,SNR=66		PKPab	17 32 11.8	-0.8
ULN	Ulanbatar	147.95 89	PKPbc	17 32 15.1	-0.5
TLY	Talaya	148.20 81	PKPbc	17 32 17.1	-0.6
KSAR	Wonju Array Be	149.00 124	PKPbc	17 32 19.6	-0.5
KSRS	Korea Array	149.03 124	PKPbc	17 32 20.2	0.0
NRK	comp=Z,5.9nm,0.9s,baz=179,slo=1.8,SNR=11		PKPbc	17 32 21.4	-0.3
NRH	Northisk	150.04 43	PKPbc	17 32 21.4	-0.3
HYT	Haines Junctio	150.66 298	PKPbc	17 32 23.2	-0.4
INK	Inukivik	151.96 314	PKPbc	17 32 25.4	-0.8
MJAR	Matsushiro Arr	151.97 310	PKPbc	17 32 27.3	0.0
MJAR	comp=Z,2.8nm,1.0s,baz=185,slo=2.8,SNR=75		PKPbc	17 32 25.8	-1.5
EPYK	Eagle Plains	152.53 309	PKPbc	17 32 27.1	-0.5
DAWY	Dawson	152.81 303	PKPbc	17 32 27.3	-1.0
BCAR	Beaver Creek A	153.44 300	PKPbc	17 32 29.0	-0.8
PAX	Paxson	154.97 299	PKPab	17 32 29.7	-1.2
PRP	Porcupine Dome	155.75 305	PKPab	17 32 31.4	-0.7
BMAR	Burnt Mountain	155.80 309	PKPbf	17 32 32.7	-1.5
BMAR			PKPab	17 32 32.5	-0.4
SML	Sawmill	155.82 295	PKPab	17 32 30.6	-1.7
ILAR	Eielson Array	156.12 302	PKPbc	17 32 34.8	+9.1
ILAR	comp=Z,2.6nm,1.0s,baz=132,slo=1.1,SNR=11		PKPab	17 32 53.6	+0.1
ILAR	comp=Z,3.2nm,1.0s,baz=59,slo=4.0,SNR=8.3		PKPbf	17 32 32.4	+6.8
ILAR	Eielson Array	156.12 302	PKPab	17 32 32.5	-1.0
COM	College	156.54 302	PKPab	17 32 35.5	-0.1
MDM	Murphy Dome	156.72 303	PKPab	17 32 35.2	-0.9
BWN	Brownie	157.04 300	PKPbf	17 32 28.9	+2.0
BWN			PKPab	17 32 32.8	+0.6
BPAW	Bear Paw Mtn.	157.67 300	PKPbf	17 32 28.6	+0.9
BPAW			PKPab	17 32 31.9	+0.4
TOLK	Toolik Lake Re	158.27 312	PKPab	17 33 01.0	+0.1
IMAR	Indian Mountai	159.17 304	PKPab	17 33 05.7	-1.0

HEL 13 17:16:18.9±0.3,67.90N;20°21'E,h0km,ML1.6,

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
LANU	Lannavaara	0.69 76	PG	17 16 31.7	-0.3
LAFU	Kilpisjärvi	1.13 11	PN	17 16 40.2	-0.7
KIF	comp=Z,3.2nm,0.2s		MSG	17 16 54.4	
KIF	Heffa	1.39 67	SG	17 16 58.2	0.0
HEF	comp=Z,2.8nm,0.2s		MSG	17 16 43.8	-1.7
HEF			MSG	17 17 00.6	
HEF	ERTSjaev	1.55 149	SN	17 17 06.5	+2.0
ERTU	comp=Z,2.4nm,0.2s		PG	17 16 46.8	-0.9
ERTU			PG	17 17 06.1	-2.5
TOF	Tornio	2.44 137	PG	17 17 00.5	+0.6
TOF			SN	17 17 29.9	-0.5
TOF			MSG	17 17 30.9	
SGF	comp=Z,4.1nm,0.2s		PG	17 17 01.7	+1.6
SGF	Sodankylä	2.46 98	PG	17 17 01.7	+1.6

IDC 13 17:19:15.5±17.0,56°33'S-27°16'W,h156km,155km,mb3.6/2,mb1 3.7/3,mb1mx3.4/44,mbmp4.0/3,ML4.1/1, Error ellipse: s-maj=103.2km s-min=38.8km az=106.0, South Sandwich Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
SNA	Snae	18.48 156	Op	17 23 19.2	0.0
TORD	Torodi Ar. Bea	73.29 29	P	17 30 29.6	0.0
ASAR	Alca Springs	98.72 162	P	17 32 36.9	-0.2
INK	Inuvik	146.03 320	PKPbc	17 38 34.8	-0.5
ILAR	Eielson Array	150.31 311	PKPbc	17 38 46.0	-0.6

MDD 13 17:31:31.9±0.2,28°65'N;15°53'W,h45km,5km,mb4.0/12, Error ellipse: s-maj=2.8km s-min=1.0km az=179.0, PRXIMO TT-model: canary

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
EOSO	Osoorio	0.63 185	Op	17 31 42.9	+1.0
EOSO	349nm,0.2s		S	17 31 50.2	+1.4
EBAJ	Bajamar	0.77 258	Op	17 31 44.6	+0.8
EBAJ	68nm,0.2s,SNR=9.9		S	17 31 53.5	+0.6
CGUI	Guimar, Teneri	0.93 246	Op	17 31 46.8	+0.8
CGUI	22nm,0.1s,SNR=18		S	17 31 56.8	+0.1
MACI	185nm,0.5s,SNR=7.9		P	17 31 47.9	+0.7
MACI	Morro de la Ar	1.01 244	P	17 31 47.9	+0.7
MACI	3.6nm,0.1s,SNR=5.0		S	17 31 59.5	+0.1
CRAN	Montana Rajada	1.07 246	S	17 32 00.2	-1.2
CRAN	59nm,0.3s,SNR=5.7		P	17 31 48.5	+0.5
CCAN	Las Canadas	1.10 244	P	17 32 02.3	+0.1
CCAN	1.9nm,0.2s,SNR=7.9		S	17 32 02.3	+0.1
CCAN	4.1nm,0.2s,SNR=7.9		S	17 32 02.3	+0.1
CFTV	Fuerteventura	1.27 103	Op	17 31 52.1	+1.0
CFTV	19nm,0.2s,SNR=18		P	17 31 53.9	+1.0
CFUE	Fuerteventura	1.36 92	P	17 31 53.9	+1.0
CFUE	3.0nm,0.0s,SNR=7.9		S	17 32 08.8	-1.1
EGOM	La Gomera	1.61 251	Op	17 31 55.5	+0.2
EGOM	8.9nm,0.1s,SNR=18		S	17 32 13.5	-2.6
EFAM	Famara	1.77 76	P	17 31 59.6	+0.4
EFAM	1.7nm,0.1s,SNR=7.9		S	17 32 19.0	-0.9
TBAT	Taburiente	2.13 270	P	17 32 03.7	+1.2
TBAT	1.0nm,0.1s,SNR=7.9		S	17 32 25.4	-3.7
TBT	2.8nm,0.2s,SNR=7.9		S	17 32 06.3	+1.1
CTIG	El Hierro	2.34 248	P	17 32 06.3	+1.1
CTIG	1.3nm,0.1s,SNR=7.9		S	17 32 29.6	-4.5
CHIE	El Hierro	2.39 247	P	17 32 08.1	+2.1
CHIE	0.3nm,0.1s,SNR=4.0		S	17 32 30.3	-5.1
CJUL	1.0nm,0.2s,SNR=7.9		P	17 32 07.9	+0.4
CJUL	El Julian, El H	2.49 248	P	17 32 35.9	-2.1
CJUL	1.1nm,0.1s,SNR=7.9		S	17 32 35.9	-2.1
PMAR	Madeira	4.19 343	P	17 32 33.6	+2.6
PMAR	Madeira	4.19 343	P	17 32 33.8	+2.8
PMAR	Madeira	4.19 343	S	17 33 20.0	-0.2
PMAR	Madeira	4.19 343	eP	17 32 33.3	+2.6
PMOZ	Porto Moniz, M	4.36 341	P	17 32 34.5	+1.3
PMOZ	31nm,0.3s,SNR=7.9		S	17 33 21.8	-2.4

PMOZ	Porto Moniz, M	4.36 341	P	Sn	17 32 35.6	+2.3
PMOZ			S	Sn	17 33 23.5	-0.7
PMOZ	Porto Moniz, M	4.36 341	eP	Sn	17 32 34.6	+1.3
PMOZ			eS	A	17 33 21.8	-2.4
PMOZ			A	A	17 33 26.9	
PMPS	Porto Santo	4.40 351	P	Pn	17 32 34.2	+0.5
PMPS	Porto Santo	4.40 351	eP	Pn	17 32 34.2	+0.5
PMPS	Porto Santo, M	4.42 351	eP	Pn	17 32 33.5	+4.5
EAH	EAH	5.89 59	S	Sn	17 32 58.5	-0.7
EAH			S	Sn	17 34 00.1	-1.8
TTIG	Trine Tigouga,	6.40 72	P	Sn	17 32 59.2	-2.1
TTIG			S	Sn	17 34 12.6	-1.9
OUK	Outkaimeden	7.07 67	P	Sn	17 33 13.9	+3.3
OUK			S	Sn	17 34 31.9	+0.8
OUMZ	Ouz	7.89 72	S	Sn	17 32 22.8	+1.1
OUMZ			S	Sn	17 34 48.4	-2.8
ZGR	Zagora	8.72 78	P	Sn	17 33 34.3	+1.2
ZGR			S	Sn	17 35 11.0	-0.6
ZHG	ZHG	8.93 56	P	Sn	17 33 34.3	-1.7
ZHG			S	Sn	17 35 10.6	-6.1
MD31	MD31	10.11 63	P	Sn	17 32 27.9	-2.9
MDT	Midelt	10.21 64	P	Sn	17 33 57.2	+3.6
MDT			S	Sn	17 35 46.1	-2.2

MOS 13 17:31:58.7±0.9,45°74'N;14°85'E,h14km,mb4.6/11, Error ellipse: s-maj=5.7km s-min=3.8km az=85.4

PRU 13 17:31:58.3±0.0,45°66'N;14°90'E,h0km,ML4.4

LJU 13 17:31:58.9,45°75'N;14°85'E,h4km,ML3.7

ROM 13 17:31:59.0±0.2,45°67'N;14°90'E,0.01,h8km,ML4.3/25, Error ellipse: s-maj=2.0km s-min=1.0km az=18.0

LDG 13 17:31:59.3±0.1,45°75'N;14°84'E,h2km,MD4.3/5,ML4.2/59, Error ellipse: s-maj=2.1km s-min=1.4km az=171.0

RHSSO 13 17:31:59.6±0.2,45°75'N;14°83'E,h2km,ML4.2/17

IASPEI 13 17:31:59.0±0.5,45°75'N;14°83'E,0.01,h5km,7km,mb4.3/25, Error ellipse: s-maj=2.4km s-min=2.1km az=4.4, 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>80</i>-<i>80</i>, 465-472, 2009

PDG 13 17:31:59.5±0.5,45°76'N;14°78'E,h12km,1km,ML4.5/13, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0

NEIC 13 17:32:00.3±2.1,45°74'N;14°87'E,0.05,h10km,1km, Error ellipse: s-maj=6.6km s-min=5.5km az=237.0

BGR 13 17:32:01.7±0.4,45°80'N;14°92'E,h10km,ML4.4/15, Error ellipse: s-maj=7.8km s-min=7.8km az=83.0

IDC 13 17:32:01.2±3.9,45°85'N;14°79'E,h16km,24km,mb3.9/9,mb1 4.0/14,mb1mx3.8/53,mbmp3.9/14,ML3.8/5,MS4.8/1,MS1 4.8/1,ms1mx3.3/72, Error ellipse: s-maj=14.2km s-min=13.0km az=93.0

BEO 13 17:32:01.8±0.5,45°92'N;15°14'E,h0km,ML4.1/16

NES 13 17:32:03.0±0.3,45°81'N;14°71'E,h10km,ML4.2

ISC 13 17:31:59.0±0.8,45°75'N;14°81'E,0.01,h6km,5km,ms26,1996/773,mb4.3/25,32C-38D,Northernwestern

Balkan Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
VISS	Visnje	0.06 17	Op	17 32 00.3	-0.3
VISS	comp=Z,36µm,0.1s		Op	17 32 01.3	-0.4
GBRS	Gornja Briga	0.21 181	Op	17 32 03.3	+0.1
GBRS	comp=Z,53µm,0.4s		Op	17 32 07.2	+1.2
CEY	Cerknica	0.27 269	Op	17 32 05.0	+0.8
CEY	comp=Z,16µm,0.5s		Op	17 32 09.6	+1.8
CEY	Cerknica	0.27 269	Op	17 32 04.9	+0.6
CEY			Op	17 32 07.0	+0.7
GBAS	Gorenja Brezov	0.32 306	Op	17 32 05.7	+0.5
GBAS	comp=Z,38µm,0.8s		Op	17 32 10.6	+1.1
PDKS	Podkum	0.34 22	Op	17 32 05.6	0.0
PDKS	comp=Z,74µm,1.2s		Op	17 32 11.1	+1.0
LJU	Ljubljana	0.36 326	Op	17 32 06.3	+0.3
LJU	comp=Z,41µm,0.9s		Op	17 32 12.0	+1.3
LJU	Ljubljana	0.36 326	P	17 32 06.4	+0.4
LJU			S	17 32 12.1	+1.3
LJU	Ljubljana	0.36 326	Op	17 32 06.4	+0.4
LJU			Op	17 32 11.6	+0.9
WNDS	Vrh nad Dolski	0.36 348	Op	17 32 05.2	+0.1
WNDS	comp=Z,56µm,1.1s		Op	17 32 12.7	-1.2
KNDS	Knežji Dol				

Table with columns for station name, frequency, and signal strength. Includes stations like ABTA Abfaltersbach, VARN Col Varnada, BLY Banja Luka, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MTRZ comp=E,3560um,0.8s, MTRZ comp=N,3055um,1.0s, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like OSSC comp=N,1130um,0.9s, OSSC Observatorio P, LNSS Leonessa, etc.

DIVS	Divibare	4.03 112	ePn	Pn	17 33 02.5	+1.2	BFO	Black Forest	5.13 303	ePn	Pn	17 33 16.8	+0.4	BURAR	Bucovina Array	7.40 72	↑P	Pn	17 33 48.4	+0.9
DIVS	Divibare	4.03 112	ePn	Pn	17 33 01.7	+0.4	BFO	Black Forest	5.13 303	ePn	Pg	17 33 36.2	-1.0	BURAR	Bucovina Array	7.40 72	Pn	Pn	17 33 46.1	-1.4
DIVS	Divibare	4.03 112	eSn	Sn	17 33 48.9	0.0	BFO	Black Forest	5.13 303	ePn	Sg	17 34 44.5	+0.9	MEM	Membrach	7.64 313	Pn	Pn	17 33 52.9	+2.2
MUGIO	Muggio	4.04 275	AML	AML			BFO	Black Forest	5.13 303	P	Pn	17 33 17.2	+0.8	MEM	Membrach		SbSn	Sb	17 35 29.9	+1.2
	comp=E,498µm,1.1s						BFO	Black Forest	5.13 303	PN	Pn	17 33 17.2	+0.8	MEM	Membrach		Sb	Sb	17 35 41.8	-1.2
SGRT	San Giovanni R	4.04 170		Pn	17 33 01.2	-0.3	BRG	Berggiesshubel	5.17 354	PN	Pn	17 33 37.8	0.0	SMF	Signal de Mont	7.67 281	eSn	Pn	17 35 00.7	-5.8
CASP	Castiglione de	4.09 225	AML	AML			BRG	Berggiesshubel	5.17 354	PN	Pn	17 34 18.0	+1.3	SMF	Signal de Mont		eSn	Sn	17 35 12.6	-5.8
	comp=N,264µm,0.5s						BRG	Berggiesshubel	5.17 354	PN	Pn	17 34 43.7	-1.0	LOR	Lormes	7.71 285	ePn	Pn	17 33 51.3	-0.5
CASP	Castiglione de	4.09 225		Pn	17 33 01.9	-0.2	BRG	Berggiesshubel	5.17 354	ePn	Pg	17 33 17.0	+0.2	LOR	Lormes	7.71 285	ePn	Sn	17 35 13.1	-6.3
PSZ	Piszkesteto	4.11 56	↑P	Pn	17 33 03.1	+0.7	BRG	Berggiesshubel	5.17 354	ePn	Pg	17 33 40.0	+1.1	LOR	Lormes	7.71 285	ePn	Sg	17 36 00.8	-5.6
PSZ	Piszkesteto	4.11 56	↑P	Pn	17 33 01.8	-0.6	BRG	Berggiesshubel	5.17 354	ePn	Pg	17 33 17.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 55.4	+2.1
PSZ	Piszkesteto	4.11 56	P	Pn	17 33 01.8	-0.6	BRG	Berggiesshubel	5.17 354	ePn	Pg	17 33 38.0	+0.1	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 55.8	+2.5
MIDA	Miranda	4.12 186	AML	AML			BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 45.0	+0.3	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 55.4	+2.1
	comp=N,646µm,0.8s						BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 54.6	+1.4
MIDA	Miranda	4.12 186	AML	AML			BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 56.0	+1.7
	comp=E,743µm,1.0s						BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 55.0	+1.0
MIDA	Miranda	4.12 186	AML	AML			BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 55.8	+2.5
	comp=N,648µm,0.8s						BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 54.6	+1.4
MIDA	Miranda	4.12 186	AML	AML			BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 56.0	+1.7
	comp=N,648µm,0.8s						BRG	Berggiesshubel	5.17 354	ePn	Pg	17 34 18.0	+0.2	MLR	Muntele Rosu	7.81 88	↑P	Pn	17 33 55.0	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	SELS	Selva	5.17 117	ePn	Pn	17 33 17.7	+0.8	BEBN	Eben Emael	7.92 313	Pn	Pn	17 33 57.6	+3.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	PGF	Ploggiola	5.26 235	ePn	Pn	17 33 17.3	-1.0	SSF	Saint Sulpice	7.92 313	ePn	Pn	17 33 53.9	-0.8
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	PGF	Ploggiola	5.26 235	ePn	Sn	17 34 14.7	-4.6	SSF	Saint Sulpice	7.92 313	ePn	Sn	17 35 18.0	-6.7
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	SELS	Selva	5.17 117	ePn	Pn	17 33 20.5	-2.1	LASF	Ste Croix	7.96 262	ePn	Pn	17 33 56.2	-0.5
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	BOVS	Bovan	5.35 111	ePn	Pn	17 33 20.5	-2.1	LASF	Ste Croix	7.96 262	ePn	Sn	17 35 19.0	-6.4
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 34 20.2	-1.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 19.6	+0.3	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 34 20.2	-1.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 19.6	+0.3	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 34 20.2	-1.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 19.6	+0.3	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 34 20.2	-1.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.6	+0.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 23.7	+1.2	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 17.0	+0.2	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 34 22.3	-4.7	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 33 18.2	-0.7	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pg	17 34 14.3	+1.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn	Pn	17 33 03.6	+0.4	MOX	Moxa	5.35 338	ePn	Sn	17 33 20.5	-2.1	LIT	Litokhoron	7.97 132	P	Pn	17 33 56.3	+1.0
GOPC	GO Pecny, Ondr	4.17 360	ePn																	

13d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TMCOR Tamitsa, GNI Garni, PRGR Permogore, ARU Arti, TORO Torodi Ar. Bea, etc.

JMA 13 17:39:05.7-0.1, 38.21N-142.58E, h35km, 2km, 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 Ishinomakikobu, JIO Ouri, JKMT Kesennumamotoy, etc.

2014 MAR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JRG Rokugo, JYA Atsumi, MAT Matsushiro, NEIC 13 18:06:41.9-2.0, 43.78N-105.105, etc.

JMA 13 18:24:16.1, 24.87N-122.13E, h12km, ML3.2, C

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TAP1 Taipei, YM01 YMI0, YM02 YMI0, etc.

650

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GKN Gorkha, DANN Dangsing, WMQ Urumqi, etc.

655

E07A	Sunnyside	6.89	45	Pn	19 13 15.4	-0.8
HAWA	Hanford	6.96	47	Pn	19 13 16.4	-0.7
LTY	Liberty	6.97	38	Pn	19 13 17.1	-0.3
PGC	Sidney	7.18	19	Pn	19 13 20.3	+0.2
B05A	Bryant	7.22	27	P	19 13 20.6	-0.1
	baz=210,SNR=13					
RYN	Ryan	7.22	14	Pn	19 13 20.6	-0.4
E08A	Dider Farm, El	7.28	48	Pn	19 13 20.9	-0.7
KVN	Kaiserville	7.32	10	P	19 13 21.2	-1.1
KVN	Kaiserville	7.32	110	Pn	19 13 21.2	-1.1
C06D	Leavenworth	7.39	33	Pn	19 13 23.8	+0.7
	baz=217,SNR=12					
PMPB	Monarch Peak	7.42	138	Pn	19 13 23.2	-0.4
OMMB	Old Mammoth Mi	7.47	122	Pn	19 13 24.9	+0.5
NVAR	Mina Array Bea	7.47	115	Pn	19 13 24.1	-0.3
	1.1nm,0.3s,ba=290,slow=14,SNR=52					
NVAR	Mina Array Bea	7.47	115	LR	19 16 34.1	
	comp=Z,17um,18.1s,ba=294,slow=40					
NVAR	Mina Array Bea	7.47	115	Pn	19 13 23.7	-0.7
NV11	Mina Array Sit	7.57	114	Pn	19 13 25.9	+0.2
EMO	Blue Mountains	7.61	64	P	19 13 25.5	-0.7
BMO	Blue Mountains	7.61	64	Pn	19 13 25.5	-0.7
D08A	Wollman Farm,	7.71	45	Pn	19 13 26.6	-0.8
E09A	Wood Farm, Sta	7.82	51	Pn	19 13 27.4	-1.5
PAGB	Antelope Grade	8.08	138	Pn	19 13 31.1	-1.5
F10A	Beach Ranch, E	8.10	57	Pn	19 13 32.1	-0.8
MFID	Camas Ranch	8.19	76	Pn	19 13 34.9	-1.1
B08A	Colville Reser	8.39	37	Pn	19 13 36.2	-0.6
C09A	Chrisman Ranch	8.52	43	Pn	19 13 38.3	-0.3
ELK	Elko	8.88	94	Pn	19 13 45.1	+1.3
	0.4nm,0.3s,ba=287,slow=15,SNR=27					
ELK	Elko	8.88	94	Pn	19 13 43.7	-0.1
ELK	Elko	8.88	94	Pn	19 13 43.7	-0.1
PKM	Mcherson Peak	8.96	139	P	19 13 46.8	+1.9
	baz=324					
ISA	Isabella, Lake	9.08	131	P	19 13 46.6	+0.2
ISA	Isabella, Lake	9.08	131	Pn	19 13 47.9	+0.2
ISA	Isabella, Lake	9.08	131	Pn	19 13 47.7	+1.3
	baz=316					
ARVC	Arvin	9.28	134	Pn	19 13 50.9	+1.9
	baz=320					
LLL	Lillooet	9.38	20	Pn	19 13 50.5	+0.1
MPMC	Manual Prospec	9.39	125	Pn	19 13 53.4	+2.7
	baz=312					
R11A	Troy Canyon, C	9.39	108	Pn	19 13 50.9	+0.2
R11A	Troy Canyon, C	9.39	108	P	19 13 52.3	+1.5
	baz=296					
NEW	Newport	9.41	44	Pn	19 13 50.4	-0.4
	0.3nm,0.3s,ba=230,slow=13,SNR=10					
NEW	Newport	9.41	44	LR	19 17 33.6	
	comp=Z,20um,19.0s,ba=229,slow=18					
NEW	Newport	9.41	44	Pn	19 13 49.9	-0.9
NEW	Newport	9.41	44	Pn	19 13 49.9	-0.9
NEW	Newport	9.41	44	P	19 13 51.4	+0.6
TPNV	Topopah Spring	9.64	117	Pn	19 13 59.6	+5.5
	baz=304					
EDW2	Edwards Air Fo	9.92	132	Pn	19 14 00.0	+2.2
	baz=318					
GSC	Goldstone, Bar	10.31	126	Pn	19 14 03.5	+0.3
GSC	Goldstone, Bar	10.31	126	Pn	19 14 03.5	+0.3
BBB	Bella Bella	10.31	356	Pn	19 14 00.7	-2.4
	0.2nm,0.3s,ba=155,slow=10,SNR=2.0					
BBB	Bella Bella	10.31	356	LR	19 17 10.5	
	comp=Z,3um,20.7s,ba=173,slow=33					
BBB	Bella Bella	10.31	356	Pn	19 14 04.9	+1.8
MWC	Mount Wilson	10.38	135	Pn	19 14 04.2	-0.1
MWC	Mount Wilson	10.38	135	Pn	19 14 04.2	-0.1
BGU	Big Grassy Mou	10.50	91	Pn	19 14 05.4	-0.4
MSO	Missoula	10.53	58	Pn	19 14 05.4	-0.7
	baz=247					
PSUT	Pine Spring	10.56	104	Pn	19 14 07.4	+0.7
HVU	Hansel Valley	10.57	86	Pn	19 14 07.4	+0.5
HVU	Hansel Valley	10.57	86	Pn	19 14 07.4	+0.5
SHPR	Sheep Range R	10.61	117	Pn	19 14 07.2	-1.0
MCMT	McKenzie Canyo	10.67	69	Pn	19 14 07.2	-1.0
JTMT	Jette	10.71	53	Pn	19 14 07.9	-0.9
DUG	Dugway, Tooele	10.81	94	P	19 14 09.1	-1.0
DUG	Dugway, Tooele	10.81	94	Pn	19 14 09.1	-1.0
DUG	Dugway, Tooele	10.81	94	Pn	19 14 12.5	+2.4
	baz=284					
SPUT	South Promonto	10.87	88	Pn	19 14 11.0	0.0
DLMT	Dillon	10.96	67	Pn	19 14 11.9	-0.1
LRM	Limekiln Ridge	11.17	65	Pn	19 14 15.1	0.0
CCUT	Cedar City	11.32	108	Pn	19 14 18.4	+1.3
GMRC	Granite Mounta	11.35	125	P	19 14 20.8	+3.3
	baz=312					
NLU	North Lily Min	11.42	95	Pn	19 14 17.2	-1.2
HWUT	Hardware Ranch	11.49	86	Pn	19 14 20.1	+0.6
SZCU	Shurtz Canyon	11.50	107	Pn	19 14 16.7	-2.5
TCRU	Three Creeks R	11.51	103	Pn	19 14 21.1	+0.9
WALA	Waterton Lakes	11.60	48	Pn	19 14 19.8	-1.9
LCMT	Little Creek M	11.66	110	Pn	19 14 19.2	-2.5
QLMT	Earthquake Lak	11.66	70	Pn	19 14 20.8	-1.0
TCUT	Toone Canyon	11.68	89	Pn	19 14 21.7	-0.3
BELC	Belle Mtn. Jos	11.69	129	P	19 14 25.3	+3.1
	baz=316					
PFO	Pinyon Flats O	11.71	132	Pn	19 14 24.3	+1.9
	0.2nm,0.3s,ba=318,slow=13,SNR=9.4					
PFO	Pinyon Flats O	11.71	132	LR	19 18 50.4	
	comp=Z,6um,18.1s,ba=306,slow=37					
PFO	Pinyon Flats O	11.71	132	P	19 14 24.3	+1.9
PFO	Pinyon Flats O	11.71	132	Pmax	19 16 20.8	+3.3
	comp=Z,26nm,1.4s					
PFO	Pinyon Flats O	11.71	132	Pn	19 14 23.0	+0.6
PFO	Pinyon Flats O	11.71	132	P	19 14 24.4	+2.0
	baz=318					
XPFO	Pion Flat	11.71	132	Pn	19 14 22.8	+0.3
MPU	Maple Canyon	11.73	94	Pn	19 14 19.4	-3.3
JLU	Jordanelle	11.74	91	Pn	19 14 21.3	-1.5
AHD	Auburn Hatcher	11.75	81	Pn	19 14 22.3	-0.8
MSU	Marysval	11.79	102	Pn	19 14 23.9	+0.4
MSU	Marysval	11.79	102	Pn	19 14 23.9	+0.4
YHB	Horse Butte	11.82	71	Pn	19 14 23.3	-0.6
FXWY	Fox Creek	11.83	76	Pn	19 14 24.1	0.0
YHL	Hebgen Lake	11.83	70	Pn	19 14 23.4	-0.9
TRAW	Teton Pass	11.88	77	Pn	19 14 27.1	+1.6
DIB	Dawson Inlet,	11.90	344	Pn	19 14 26.6	+1.9
REDW	Red Top Meadow	11.94	78	Pn	19 14 25.4	-0.2
KNB	Kanab	11.95	109	Pn	19 14 25.7	0.0
KNB	Kanab	11.95	109	Pn	19 14 25.7	0.0
MTPU	Mount Pierson	11.95	104	Pn	19 14 27.2	+1.2
YMR	Madison River	11.97	71	Pn	19 14 23.6	-2.4
SNOW	Snow King Moun	12.02	77	Pn	19 14 27.1	+0.4
YPP	Pitchstone Pla	12.03	73	Pn	19 14 26.0	-1.0
YHH	Holmes Hill	12.06	71	Pn	19 14 27.1	-0.3
IRM	Iron Mountain	12.09	126	Pn	19 14 30.3	+2.8
	baz=314					
FLWY	Flagg Ranch	12.09	74	Pn	19 14 26.9	-0.8
PKCU	Pink Cliffs	12.12	107	Pn	19 14 29.8	+1.7
YNR	Norris Junctio	12.18	71	Pn	19 14 29.7	+0.9
H17A	Grant Village	12.21	73	Pn	19 14 27.3	-2.0
H17A	Grant Village	12.21	73	P	19 14 32.0	+2.6
	baz=264					
TMUT	Trail Mountain	12.24	97	Pn	19 14 30.1	+0.3
BC3	Big Chuckawall	12.26	129	Pn	19 14 32.5	+2.6
	baz=316					
W13A	Hualapai Mount	12.27	119	Pn	19 14 30.4	-0.2
MONP2	Monument Peak	12.27	134	Pn	19 14 32.1	+1.9
	baz=320					
YUF	Upper Falls	12.29	71	Pn	19 14 29.2	-1.3
Q16A	Castle Valley	12.33	96	Pn	19 14 33.8	+1.6
P17A	Butcher Ranch,	12.54	96	Pn	19 14 35.3	+1.6
PDMCI	Parker Dam,Lak	12.61	123	Pn	19 14 38.2	+3.7
	baz=311					
U15A	North Rim	12.61	111	Pn	19 14 36.4	+1.5
Y12C	Blythe	12.74	126	Pn	19 14 38.8	+2.4
Y12C	Blythe	12.74	126	P	19 14 40.6	+4.2
	baz=314					
SRU	San Rafael Swe	12.80	97	Pn	19 14 38.3	+0.9
SRU	San Rafael Swe	12.80	97	Pn	19 14 38.3	+0.9
BW06	Boulder Array	12.89	80	Pn	19 14 38.5	-0.2
BW06	Boulder Array	12.89	80	P	19 14 40.4	+1.7
	baz=272					
PD31	Pinedale Array	12.89	80	Pn	19 14 38.5	-0.2
PDAR	Pinedale Array	12.89	80	Pn	19 14 39.0	+0.7
	baz=265,slow=12,SNR=9.5					
PDAR	Pinedale Array	12.89	80	LR	19 19 49.6	
	comp=Z,10um,21.8s,ba=280,slow=39					
PDAR	Pinedale Array	12.89	80	PcP	19 20 13.0	+0.4
	baz=132,slow=2.2,SNR=4.6					
PDAR	Pinedale Array	12.89	80	Pn	19 14 38.5	-0.2

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GLA	Glamis	13.05	129	P	19 14 41.6	+0.9
GLA	Glamis	13.05	129	Pn	19 14 41.6	+0.9
GCMT	Greycliff	13.06	67	Pn	19 14 39.8	-0.9
RDHM	Red Mountain	13.15	90	Pn	19 14 41.3	-0.9
Y14A	Wickenburg	13.56	121	Pn	19 14 49.9	+2.2
WUAZ	Wupatki	13.72	113	Pn	19 14 50.9	+1.0
WUAZ	Wupatki	13.72	113	P	19 14 54.6	-3.8
	baz=302					
113A	Mohawk Valley,	13.88	127	Pn	19 14 51.5	-0.4
O20A	White River Ci	14.23	91	Pn	19 14 53.8	-3.1
X16A	Lo Mia Camp,	14.29	116	Pn	19 14 58.5	+0.8
MVCO	Mesa Verde	14.97	102	P		

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like Storozhevoje, Novokhopovsk, Bucovina Ar. S, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like KSH, BRTR, GMI, KNI, etc.

ANF 13 19:13:12.6:1.9, 41.79N:127.17W, h0km, ML4.7/2, Error ellipse: s-maj=20.4km s-min=14.4km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like KBO, KEEM, KRMB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like YBH, YBD, YOB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like WDC, J04D, I04A, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like Denali Highway, Reindeer, Eagle Plains, etc.

NEIC 13 19:13:16.6:2.1, 41.85N:106.126:9W:0.1, h10km, 4km, mb4.6/36, Error ellipse: s-maj=13.4km s-min=6.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like KURK, AKASG, MALIN, etc.

NEIC 13 19:17:24.2:1.8, 7.64S:0.08:112.25E:0.06, h184km, 5km, az=204.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like GRJI, PCJJI, WOJJI, etc.

KSRS Korea Array 56.71 61 P P 19 55 44.9 +0.6
TORO Torodi Ar. Bea 54.83 270 P P 19 55 49.3 -0.4

IDC 13 20:01:25.9:0.8, 33.11N:87.27E, h0km, mb3.8/12,
mb1 3.9/16, mb1mx3.8/54, mbtmp3.8/16, ML2.6/3, MS4.0/2,
Ms1 4.0/2, ms1mx3.2/40, Error ellipse: s-maj=24.5km
s-min=15.2km az=53.0

ISC 13 20:01:31.3:0.7, 33.24N:0.08:87.4E:0.1, h35km, n29,
c1500/26, mb3.9/10, Xizang

Code Station Name Az AZZ Phase ID Time Res
GUN Gumba 5.67 194 eP Pn 20 02 50.9 +0.3
JIRN Jiri 5.42 191 eP Pn 20 02 54.7 +1.5
KKN 14nm, 0.4s 5.73 199 eP Pn 20 02 55.0 +0.9
DANN Dangsing 5.78 213 eP Pn 20 02 54.3 -0.6

IDC 13 20:05:16.3:2.9, 27.88N:93.44E, h0km, mb3.3/3,
mb1 3.5/4, mb1mx3.2/49, mbtmp3.3/4, ML3.5/1, Error
ellipse: s-maj=230.4km s-min=28.7km az=92.0

Code Station Name Az AZZ Phase ID Time Res
TEZP TEZPUR 0.96 179 eP Pn 20 05 36.0 +0.2
TEZP 20 05 36.4 0.0
TEZP comp=E,6um,0.1s IAML 20 05 50.2
SHL Shilong 2.17 202 eP Pn 20 05 52.8 -0.8

JMA 13 20:05:58.2:0.1, 39.13N:142.38E, h29km, 1km, M3.8
JMA Feil J1

IDC 13 20:06:03.9:2.2, 39.05N:142.36E, h76km, 19km, mb3.4/6,
mb1 3.5/8, mb1mx3.2/37, mbtmp3.7/8, Error ellipse:
s-maj=24.9km s-min=10.8km az=111.0

ISC 13 20:05:59.1:1.9, 39.11N:0.04:142.31E:0.09, h23km, 13km,
n25, c198/31, mb3.6/3, Near east coast of eastern
Honshu

Code Station Name Az AZZ Phase ID Time Res
OFUJ Ofunato 0.50 267 eP Pn 20 06 09.3 +0.1
OFUJ 20 06 16.9 +0.8
MIYJ Miyakonagasawa 0.60 321 P S Pn 20 06 10.2 -0.8

H1N2 WAKE ISLAND Hy 28.68 125 T T 20 42 16.5
H1N1 WAKE ISLAND Hy 28.69 125 T T 20 42 17.1
H1N3 WAKE ISLAND Hy 28.70 125 T T 20 42 17.7
H1H1 WAKE ISLAND Hy 29.47 127 T T 20 43 30.1

SJA 13 21:14:55.6:0.4, 33.28S:72.06W, h10km, ML2.9, MW3.2
GUC 13 21:14:55.7:0.8, 33.15S:72.12W, h36km, 5km, ML3.4
ISC 13 21:14:57.6:2.0, 33.36S:0.05:71.95W:0.08, h6km, 13km,
n14, c1509/22, 2C-5D, Near east coast of central Chile

Code Station Name Az AZZ Phase ID Time Res
MT02 Curacav 0.69 82i P Pg 21 15 11.0 +0.1
MT02 21 15 22.3 +0.5
MT01 Popeta 0.78 131 i P Pn 21 15 13.7 +0.2

ARE 13 21:18:42.0:0.1, 14.1S:75.92W, h39km, Error ellipse:
s-maj=0.0km s-min=0.0km az=90.0
NEIC 13 21:18:45.4:2.3, 14.4S:0.1:75.8W:0.2, h52km, 13km,
ML4.2(ARE), Error ellipse: s-maj=26.4km s-min=9.0km
az=59.0

IDC 13 21:18:46.2:2.5, 14.29S:75.83W, h57km, 19km, mb3.3/2,
mb1 3.7/7, mb1mx3.5/48, mbtmp3.8/7, ML3.9/5, MS2.4/1,
Ms1 2.4/1, ms1mx2.3/17, Error ellipse: s-maj=59.4km
s-min=11.5km az=53.0

ISC 13 21:18:43.3:0.9, 14.50S:0.09:76.1W:0.1, h29km, n27,
c232/26, Near coast of Peru

Code Station Name Az AZZ Phase ID Time Res
NNA Nana 2.61 343 P Pn 21 19 22.5 +1.1
NNA 62nm, 0.3s, baz=140, slow=12, SNR=45
NNA 189nm, 0.3s, baz=223, slow=23, SNR=21

KRSC 13 22:09:49:0.1, 2.53:00N:160.28E, h57km, 13km, ML4.8,
FELT (J1-II) at Petropavlovsk, Institute

MOS 13 22:09:51.2:1.0, 53.09N:160.02E, h69km, mb4.2/5, Error
ellipse: s-maj=0.1km s-min=0.1km az=103.0
NEIC 13 22:09:53.1:1.6, 53.13N:0.1:160.00E:0.1, h72km, 7km,
mb4.2/26, Error ellipse: s-maj=16.6km s-min=1.8km
az=150.0

IDC 13 22:09:55.1:1.2, 53.25N:159.82E, h87km, 10km, mb3.6/20,
mb1 3.8/23, mb1mx3.7/44, mbtmp4.0/23, MS3.2/3,
Ms1 3.2/3, ms1mx2.8/45, Error ellipse: s-maj=18.0km
s-min=1.0km az=103.0

ISC 13 22:09:50.9:0.7, 53.03N:0.03:160.21E:0.03, h56km, 6km,
n169, c1955/225, mb4.0/33, 3C-6D, Near east coast of
Kamchatka Peninsula

Code Station Name Az AZZ Phase ID Time Res
SPN Mys Shipunski 0.13 300 eP Pn 22 09 59.4 -0.2
SPN 22 10 52.9 -0.6
SPN Mys Shipunski 0.13 300 Pn Pn 22 09 59.4 -0.2

DALK Dalky 0.88 271 Pn Pn 22 10 19.6 +0.4
DALK 22 10 07.0 -0.2
DALK 22 10 19.6 +0.4
SMAR Somma 0.88 286 eP Pn 22 10 07.3 -0.1

PET comp=N,9um,0.6s smax smax
PET comp=E,7um,0.4s smax smax

PET Koryakskii 0.94 270i Pn Pn 22 10 08.0 +0.1
KOK Koryaka 0.98 286 eP Pn 22 10 08.3 +0.1
KOK 22 10 21.3 -0.5
KOK 22 10 08.8 +0.1

ARE 13 21:18:42.0:0.1, 14.1S:75.92W, h39km, Error ellipse:
s-maj=0.0km s-min=0.0km az=90.0
NEIC 13 21:18:45.4:2.3, 14.4S:0.1:75.8W:0.2, h52km, 13km,
ML4.2(ARE), Error ellipse: s-maj=26.4km s-min=9.0km
az=59.0

IDC 13 21:18:46.2:2.5, 14.29S:75.83W, h57km, 19km, mb3.3/2,
mb1 3.7/7, mb1mx3.5/48, mbtmp3.8/7, ML3.9/5, MS2.4/1,
Ms1 2.4/1, ms1mx2.3/17, Error ellipse: s-maj=59.4km
s-min=11.5km az=53.0

ISC 13 21:18:43.3:0.9, 14.50S:0.09:76.1W:0.1, h29km, n27,
c232/26, Near coast of Peru

Code Station Name Az AZZ Phase ID Time Res
NNA Nana 2.61 343 P Pn 21 19 22.5 +1.1
NNA 62nm, 0.3s, baz=140, slow=12, SNR=45
NNA 189nm, 0.3s, baz=223, slow=23, SNR=21

KRSC 13 22:09:49:0.1, 2.53:00N:160.28E, h57km, 13km, ML4.8,
FELT (J1-II) at Petropavlovsk, Institute

MOS 13 22:09:51.2:1.0, 53.09N:160.02E, h69km, mb4.2/5, Error
ellipse: s-maj=0.1km s-min=0.1km az=103.0
NEIC 13 22:09:53.1:1.6, 53.13N:0.1:160.00E:0.1, h72km, 7km,
mb4.2/26, Error ellipse: s-maj=16.6km s-min=1.8km
az=150.0

IDC 13 22:09:55.1:1.2, 53.25N:159.82E, h87km, 10km, mb3.6/20,
mb1 3.8/23, mb1mx3.7/44, mbtmp4.0/23, MS3.2/3,
Ms1 3.2/3, ms1mx2.8/45, Error ellipse: s-maj=18.0km
s-min=1.0km az=103.0

ISC 13 22:09:50.9:0.7, 53.03N:0.03:160.21E:0.03, h56km, 6km,
n169, c1955/225, mb4.0/33, 3C-6D, Near east coast of
Kamchatka Peninsula

Code Station Name Az AZZ Phase ID Time Res
SPN Mys Shipunski 0.13 300 eP Pn 22 09 59.4 -0.2
SPN 22 10 52.9 -0.6
SPN Mys Shipunski 0.13 300 Pn Pn 22 09 59.4 -0.2

JKA	Kamikawa-asahi	14.65 240	P	Pn	22 13 17.1 +2.4
ASAJ	Asahikawa	14.65 240	P	Pn	22 13 17.1 +2.4
GRNR	Gorny	14.84 271	P	P	22 13 22.8 +1.0
GRNR	comp=Z,10.0nm,0.9s		pmax	pmax	
GRNR	comp=Z,90nm,12.0s		MLR	MLR	
BILL	Bilibino	15.34 91	eP	P	22 13 26.0 -1.2
ERIM	Erimo	15.90 233	P	Pn	22 13 29.0 -1.8
ERIM	comp=Z,47nm,1.2s				
ERM	Erimo	15.90 233	Pn	Pn	22 13 29.0 -1.8
KLR	Kul'dur	18.21 269	P	P	22 13 58.7 -0.3
USA0B	Ussuriysk Arra	20.53 256	P	P	22 14 00.2 +0.8
USA0B	comp=Z,7.0nm,0.8s		pmax	pmax	
USA0B	Ussuriysk Arra	20.53 256	P	IAMB	22 14 25.5 +1.1
USA0B	comp=Z,7.3nm,0.8s				
USRK	Ussuriysk Ar.	20.53 256	P	Pn	22 14 26.1 -1.0
ANM	Nome	20.93 43	P	P	22 14 26.4 -2.1
ANM	comp=Z,1.0nm,1.2s				
ANM	Nome	20.93 43	P	P	22 14 26.4 -2.1
MJAO	Matsu Arr-Jizo	22.55 232	eP	pmax	22 14 45.3 -0.8
MJB9	Matsu-Tunnel	22.56 232	P	IAMB	22 14 46.5 +0.2
MAJO	Matsushiro	22.57 232	eP	pmax	22 14 46.3 0.0
MAJO	comp=Z,1.27nm,3.6s				
MAJO	Matsushiro	22.57 232	P	IAMB	22 14 46.5 +0.2
MAJO	comp=Z,2.0nm,1.0s				
MAT	Matsushiro	22.57 232	P	P	22 14 46.7 +0.4
MJAR	Matsushiro Arr	22.57 232	P	P	22 14 46.3 0.0
MJAR	comp=Z,4.5nm,0.7s,baz=18,slow=10,SNR=10				
MJAR	Matsushiro Arr	22.57 232	P	pmax	22 14 46.9 +0.6
MJAR	comp=Z,3.0nm,0.9s				
MJAR	Matsushiro Arr	22.57 232	P	P	22 14 46.9 +0.6
RDOG	Red Dog Mine	23.05 35	P	IAMB	22 15 00.0 0.0
RDOG	comp=Z,3.6nm,0.7s				
SII	Sitkinak Islan	26.15 64	P	P	22 15 20.8 +1.3
BPWA	Beart Paw Mtn.	27.03 47	P	P	22 15 28.4 +1.0
KTH	Kantishna Hill	27.06 48	P	P	22 15 28.5 +1.0
MLY	Mianle	27.17 46	P	P	22 15 29.7 +1.0
CNPM	China Poot	27.19 57	P	IAMB	22 15 30.3 +1.5
CNPM	comp=Z,6.4nm,0.8s				
KSRS	Korea Array	27.26 248	P	P	22 15 31.2 +1.6
KSRS	comp=Z,1.3nm,0.5s,baz=39,slow=9,SNR=4.1		LR	LR	22 27 51.0
WRH	Wood River Hil	28.30 46	P	IAMB	22 15 40.2 +1.6
WRH	comp=Z,6.6nm,1.87s,baz=356,slow=40				
KNK	Knik Glacier	28.32 52	P	IAMB	22 15 39.3 +0.3
KNK	comp=Z,1.4nm,1.2s				
SML	Sawmill	28.34 51	P	IAMB	22 15 40.6 +1.5
SML	comp=Z,5.5nm,1.1s				
HDA	Harding Lake	28.79 46	P	P	22 15 43.7 +0.6
ILAR	Eielson Array	28.81 45	P	P	22 15 44.1 +1.0
BMAR	Burnt Mountain	29.74 40	P	P	22 15 52.7 +1.3
EGAK	Eagle	31.25 45	P	IAMB	22 16 04.6 -0.1
EGAK	comp=Z,3.1nm,1.1s				
H11N1	WAKE ISLAND Hy	33.64 169	T	T	22 52 05.8
H11N1	comp=Z,3.0nm,0.9s				
H11N3	WAKE ISLAND Hy	33.66 169	T	T	22 52 19.8
H11N3	comp=Z,3.0nm,0.9s				
H11N1	WAKE ISLAND Hy	33.66 169	T	T	22 52 07.0
H11N1	comp=Z,3.0nm,0.9s				
INK	Inuvik	33.87 38	P	IAMB	22 16 28.2 +0.6
INK	comp=Z,0.4nm,0.3s,baz=231,slow=6.5,SNR=4.1				
INK	Inuvik	33.87 38	P	IAMB	22 16 29.0
SONM	Songino Array	33.98 283	P	P	22 16 27.8 -1.2
SONM	comp=Z,0.3nm,0.4s,baz=64,slow=7.0,SNR=5.3		LR	LR	22 29 38.1
SONM	comp=Z,7.9nm,19.4s,baz=10,slow=35				
SONM	Songino Array	33.98 283	IAMB	IAMB	22 16 32.0
H11S1	WAKE ISLAND Hy	34.82 169	T	T	22 53 50.0
H11S1	comp=Z,0.4nm,0.7s				
H11S3	WAKE ISLAND Hy	34.84 169	T	T	22 53 57.5
H11S3	comp=Z,0.4nm,0.7s				
H11S2	WAKE ISLAND Hy	34.84 169	T	T	22 53 54.1
H11S2	comp=Z,0.4nm,0.7s				
SIT	Sitka	35.92 57	P	pmax	22 16 45.8 +0.4
SIT	comp=Z,5.7nm,1.2s				
SIT	Sitka	35.92 57	P	P	22 16 45.8 +0.4
C36M	Paulatuk	37.06 35	P	IAMB	22 16 55.8 +0.9
C36M	comp=Z,3.2nm,0.9s				
GTA	Gaotai	42.68 277	eP	pP	22 17 43.0 +0.9
GTA	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		pP	pP	22 17 50.4 -6.2
GTA	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		sP	sP	22 17 55.0 -8.1
YKA	Yellowknife Ar	43.16 43	P	P	22 17 46.6 +1.2
KURK	Kurchatov	47.83 302	eP	pmax	22 18 19.9 -2.6
KURK	comp=Z,1.0nm,0.4s				
UWE	Uwekahuna	47.93 117	P	P	22 18 22.9 -0.9
MK31	Makanchi Array	48.25 296	P	pmax	22 18 23.3 -2.5
MK31	comp=Z,1.0nm,0.5s				
MK31	Makanchi Array	48.25 296	P	IAMB	22 18 23.3 -2.5
MK31	comp=Z,0.8nm,0.5s				
MKAR	Makanchi Array	48.25 296	P	P	22 18 23.4 -2.4
MKAR	comp=Z,0.7nm,0.5s,baz=59,slow=5.9,SNR=11				
MKAR	Makanchi Array	48.25 296	P	P	22 18 23.6 -2.2
MKAR	comp=Z,0.7nm,0.5s,baz=59,slow=5.9,SNR=11				
ARCES	ARCES Array B	53.37 342	P	P	22 19 02.3 -1.6
ARCES	comp=Z,5.0nm,1.1s,baz=34,slow=6.6,SNR=3.3				
ARU	Arti	53.49 317	P	P	22 19 04.6 -0.4
AAK	Ala-Archa	55.17 296	P	pmax	22 19 15.2 -2.4
AAK	comp=Z,8.0nm,2.8s				
NAAR	Mina Array Bea	55.70 70	P	P	22 19 24.1 +2.6
NAAR	comp=Z,0.4nm,0.4s,baz=291,slow=7.6,SNR=4.4				
KSH	Kashi	56.49 293	P	P	22 19 29.0 +1.9
KSH	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		sP	sP	22 19 57.0 +8.5
KSH	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		PP	PP	22 21 38.0 +5.1
KSH	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		PcS	PcS	22 24 21.5 -2.6
KSH	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		S	S	22 27 12.4 -1.8
KSH	comp=Z,1.9nm,0.8s,baz=291,slow=7.6,SNR=4.4		ScS	ScS	22 29 06.1 -5.1
PDAR	Pinedale Array	57.49 61	P	P	22 19 36.1 +1.9
PDAR	comp=Z,1.3nm,0.8s,baz=291,slow=7.6,SNR=4.4				
CMAR	Chiang Mai Arr	58.24 258	P	P	22 19 39.8 +0.3
CMAR	comp=Z,0.4nm,0.4s,baz=28,slow=6.1,SNR=3.1				
ULM	Lac du Bonnet	58.81 47	P	P	22 19 44.0 +1.0
ULM	comp=Z,1.0nm,0.4s,baz=340,slow=4.1,SNR=3.1				
ULM	Lac du Bonnet	58.81 47	P	pmax	22 19 43.7 +0.7
ULM	comp=Z,1.0nm,0.6s				
ULM	Lac du Bonnet	58.81 47	P	IAMB	22 19 43.7 +0.7
ULM	comp=Z,1.5nm,0.6s				
FINES	FINESS Array B	60.20 337	P	P	22 19 52.8 +0.4
FINES	comp=Z,2.4nm,1.0s,baz=55,slow=7.2,SNR=3.9				
NIL	Nilore	62.21 290	P	pmax	22 20 04.9 -1.6
NIL	comp=Z,5.0nm,1.0s				
NIL	Nilore	62.21 290	P	P	22 20 04.9 -1.6
NOA	NORSAR Array B	63.62 344	P	P	22 20 14.1 -1.3
NOA	comp=Z,0.1nm,0.4s,baz=14,slow=5.5,SNR=2.8				
GEYT	Alibek	67.18 303	P	P	22 20 36.8 -2.0
GEYT	comp=Z,0.7nm,0.4s,baz=69,slow=7.9,SNR=3.0				
AKASG	Malin Array Be	68.70 329	P	P	22 20 46.4 -1.6
AKASG	comp=Z,0.4nm,0.3s,baz=30,slow=6.9,SNR=4.6				
Lajitas	Lajitas Array	70.59 67	P	P	22 21 01.8 +1.6
Lajitas	comp=Z,2.0nm,0.4s,baz=299,slow=5.0,SNR=4.8				

WRA	Warramunga Arr	76.06 205	P	P	22 21 32.6 +0.5
WRA	comp=Z,0.6nm,0.6s,baz=24,slow=6.4,SNR=7.7				
WRA	Warramunga Arr	76.06 205	eP	P	22 21 31.6 -0.5
ASAR	Alice Springs	79.73 204	P	P	22 21 53.8 +1.3
ASAR	comp=Z,0.9nm,0.5s,baz=18,slow=5.6,SNR=1.4				
TAP 13 22:21:14.3,24:86N;122:16E,h12km,ML3.6,C					
JMA 13 22:21:16.0,24:76N;122:15E,h29km,3km,M3.4					
ISC 13 22:21:14.5,0.9,24:84N;122:17E,0.02,h11km,8km,					
n111,0.066/166,14C-3D,Taiwan region					
Code	Station Name	A° AZ°	Phase ID	Time h m s	Res ISC
TWB1	Santiao Chiao	0.24 315	Op	22 21 19.4	+0.1
TWB1	baz=314		iS	22 21 22.3	-0.5
EOS1	EOS1	0.29 188	Op	22 21 21.7	0.0
EOS1	baz=194		eP	22 21 26.8	+0.3
NTC	Tou Cheng	0.31 273	eP	22 21 21.4	+0.6
TIPB	Shuangxi	0.34 293	Op	22 21 21.5	+0.1
TIPB	baz=289		iS	22 21 26.0	0.0
TWC	Suao	0.37 232	Op	22 21 21.9	0.0
TWC	baz=220		S	22 21 26.6	-0.3
ILA	Ilan	0.39 259	eP	22 21 22.4	+0.2
ILA	baz=244		eS	22 21 29.2	-0.3
NWF	Wu-fen Shan	0.42 303	Op	22 21 23.2	+0.3
NWF	baz=301		Pg	22 21 28.7	+0.2
WFSB	Wu-fen Shan	0.42 303	Op	22 21 23.2	+0.4
WFSB	baz=301		S	22 21 29.3	+0.8
TWE	Neicheng	0.47 256	Op	22 21 23.8	0.0
TWE	baz=243		Pg	22 21 30.7	+0.7
SLBB	Yuanshan	0.50 260	eP	22 21 23.9	-0.3
TWA	Mucha	0.55 285	P	22 21 26.4	+0.2
TWA	baz=282		S	22 21 33.6	-0.6
ENA	Nanau	0.57 224	eP	22 21 25.4	-0.1
ENA	baz=212		S	22 21 33.1	+0.1
ENTT	Nioudou	0.59 250	eP	22 21 26.0	+0.1
NHHD	Xindian Distri	0.60 282	eP	22 21 27.9	+0.9
NWLT	Wulai	0.61 264	eP	22 21 26.6	+0.2
YM01	YM01	0.63 299	Op	22 21 27.3	-0.2
YM08	YM08	0.63 303	Op	22 21 27.2	+0.4
YM11	YM11	0.63 301	Op	22 21 27.4	-0.2
TATO	Taipei	0.64 283	Op	22 21 28.2	+0.5
TATP	Taipei	0.64 288	Op	22 21 27.7	0.0
YM10	YM10	0.64 300	Op	22 21 27.5	-0.2
NDT	Datong Townshi	0.65 249	eP	22 21 27.3	+0.3
NDT	baz=247		S	22 21 36.7	-0.1
YM03	YM03	0.67 301	Op	22 21 27.9	+0.4
YM03	comp=Z,2.9nm,0.9s				
TWY	Chenhua	0.68 310	Op	22 21 28.3	-0.1
TWY	baz=309		S	22 21 36.7	+0.1
ANP	Anpu	0.69 300	eP	22 21 27.9	+0.1
TWS1	Kuangyinshan	0.73 291	eP	22 21 29.8	+0.5
TWS1	baz=302		eS	22 21 39.1	-0.3
YHNB	Yeheng	0.74 257	eP	22 21 28.7	-0.2
NSK	Sanguang	0.76 258	eP	22 21 29.2	0.0
NSK	baz=249		eS	22 21 39.1	0.0
PCYT	Pengchayui	0.79 353	Op	22 21 29.1	-0.7
JYNG	Yongunijimaku	0.80 119	P	22 21 30.5	+0.1
JYNG	comp=Z,2.1nm,0.9s,baz=291,slow=7.6,SNR=4.4		S	22 21 40.9	+0.5
NNSB	Datong	0.83 241	eP	22 21 30.4	-0.1
NNSB	baz=228		eS	22 21 41.9	-0.3
NNSB	Datong	0.83 241	eP	22 21 30.6	+0.1
NNSB	baz=230		eS	22 21 42.3	+0.1
NNS	Nan Shan	0.83 242	eP	22 21 30.5	0.0
NNS	baz=229		eS	22 21 41.3	0.0
WLTB	Dax	0.84 271	eP	22 21 31.4	+0.4
NACB	Ninganchiao	0.85 219	P	22 21 30.5	-0.3
NACB	baz=207		S	22 21 41.2	-0.6
YOJ	Yongunji jima	0.85 116	eP	22 21 31.5	+0.3
YOJ	baz=118		eS	22 21 42.8	+0.1
YOJ	Yongunji jima	0.85 116	P	22 21 31.3	0.0
ETLH	Xiulin Townshi	0.89 225	eP	22 21 42.6	-0.1
ETLH	baz=217		eS	22 21 31.6	-0.1
NCU	National Centr	0.91 279	eP	22 21 32.6	+0.4
NCU	baz=276		eP	22 21 33.2	0.0
TWD	Chiawan	0.92 218	Op	22 21 32.1	-0.1
TWD	baz=214		eS	22 21 43.9	-0.4
HWA	Hwalien	1.00 211	eP	22 21 34.5	+0.1
ENLB	Shoufeng	1.07 209	P	22 21 36.0	+0.6
ENLB	baz=216		S	22 21 51.2	+1.0

mb4.8/24
NEIC 13 22:32:09.4, 1.6, 17.8S; 0.1, 178.6W; 0.1, h55km, 6km,
mb4.5/24, Error ellipse: s-maj=16.6km s-min=12.8km
az=130.0

IDC 13 22:32:09.2, 1.2, 17.85S; 178.68W, h545km, 1.4km,
mb3.9/22, mb1.4, 1/24, mb1mx4.0/33, mbtmp4.8/24, Error
ellipse: s-maj=13.5km s-min=7.8km az=137.0

ISC 13 22:32:11.4, 0.3, 17.78S; 0.07, 178.59W; 0.06, h579km,
n570, s1921/552, mb4.5/139, 47C-7D, Fiji Islands region

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

Table with columns: SOEI, SANI, P5A00, MEEK, EDFI, KLBR, NWA0, NWA0, LUWI, MORW, MORW, SBA, VDA, PLAI, GIRL, GIRL, IGRL, MJAR, MAT, UGM, SAO, QSPA, PEAOB, PEAOB, PETK, PETK, KSRK, KSRK, USRK, USRK, SAO, PKM, PMPB, PMPB, KCPM, KCPM, SII, KMRM, MWC, MWC, KHMM, KHMM, VES, VES, O02D, O02D, BHFS, BHFS, NJ2, NJ2, EDW2, EDW2, ISA, ISA, ISM, ISM, CMB, CMB, WDC, WDC, IKP, IKP, MDJ, MDJ, AFDM, AFDM, ORV, ORV, N02D, N02D, PFO, PFO, TPFO, TPFO, XPFO, XPFO, M02C, M02C, O03E, O03E, LRMC, LRMC, KDAK, KDAK, KDAK, KDAK, SWSC, SWSC, SRIG, SRIG, MDPB, MDPB, YBH, YBH, YBH, YBH, CWC, CWC, K02D, K02D, OMMB, OMMB, RUBR, RUBR, BELC, BELC, MPMC, MPMC, GSC, GSC, HUMO, HUMO, HEC, HEC, BC3, BC3, PNTR, PNTR, VCNR, VCNR, M04C, M04C, GLA, GLA, GLA, GLA, YERR, YERR, QIZ, QIZ.

Table with columns: GRAC, GMRC, RYN, IRM, NVAR, NVAR, TUQ, NV11, Y12C, Y12C, J04D, KVN, I04A, TPNV, 214A, 214A, MOD, HSIG, CNPM, PDMC, HOM, J05D, BRLL, BRLL, SHPR, H04A, H04A, RSO, W13A, PINE, PINE, Y14A, I05D, E03A, MA2, MA2, R11A, WVOR, WVOR, GAMB, E04D, F05D, TUC, TUC, TUC, D03D, G06A, I07A, I07A, RC01, RC01, J08A, J08A, LON, LCMT, D05A, D05A, X16A, BBB, BBB, BBB, PGC, PGC, CCUT, EVAK, EVAK, KNB, 319A, 319A, P19A, KNK, KNK, PMR, PMR, U15A, F07A, F07A, ELK, ANM, A04D, B05A, WUAZ, WUAZ, G08A, G08A, LTY, LTY, E07A, E07A, PKCU, PPLA, HAWA, HAWA, SCM, X18A, X18A, MTPU, E08A, HPGI, VMDI, VMDI, MSU, GLB, MFDI, MFDI.

Table with columns: Name, Comp, Z, S, B, I, A, M, B, Date, Time, and other details. Includes entries like BALM Baldy, D08A Willman Farm, MCARA McCarthy VSAT, etc.

Table with columns: Name, Comp, Z, S, B, I, A, M, B, Date, Time, and other details. Includes entries like FLYWY, YHB Horse Butte, YPP Pitchstone Pla, etc.

Table with columns: Name, Comp, Z, S, B, I, A, M, B, Date, Time, and other details. Includes entries like HARR Harsova, HLMI Long Mynd, IBBN Ibbenduren, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEF4, LXRa, etc.

ROM 13 22:37:55.7±0.3, 45.46°N, 0104.1478°E, h1km, ML2.0/1, Error ellipse: s-maj=4.7km s-min=1.4km az=21.0

VIE 13 22:37:56.1±0.5, 45.76°N, 14.87°E, h8km, mb1.9/6, ml2.2/7, Error ellipse: s-maj=3.5km s-min=1.9km az=161.0

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

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

Main table with columns: TRI, OBKA, PTJ, ZAG, GORG, GROS, PERS, SABA, SABO, SOKA, ROBS, KALN, NVLJ, KOGS, MYKA, ACOM, PTCC, GEPF, GEPF, MOSLAVINA, UDBI, ARS, STAL, STAL, POLC, POLC, KBA, DUGI, ABTA, MORI, MORI, KIJV, MOA, MOA, ZIRA, RISI, RISI, BOSI, PE3, WTTA, PIEI, ATPI, SOTA, MNTV, ATVO, SRES, ROMS, etc.

DNK 13 23:08:22.6±2.6, 51.31°N, 15.24°E, h45km, 38km, ML2.2, Hypocentre not reviewed by the ISC

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

Table with columns: PRA, GOPC, PRU, CLL, CLL, MORC, MORC, MORC, OKC, OKC, PBC, VRAC, TREC, TREC, TANN, TANN, KRUC, NKC, NKC, OJC, OJC, OJC, KHC, KHC, MOX, MOX, JAVC, MANZ, MANZ, ROTZ, ROTZ, GECC, GECC, WET, WET, SMOL, SMOL, LANS, LANS, MODS, MODS, VYHS, VYHS, BSD, BSD, BSD, CONA, CONA, MOA, MOA, ARSA, ARSA, KBA, KBA, KOLS, WATA, WATA, OBKA, OBKA, WTTA, WTTA, MOTA, MOTA, SQTa, SQTa, SOTA, SOTA

NIED 13 23:12:00.27±10N, 140.50E, h540km, Mw4.9 Best double couple: M2.870000, 1019 NP1=347.00000, 863.00000, lambda=119.00000, NP2=278.00000, 838.00000, lambda=46.00000

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like NIL Nilore, HYB Hyderabad, BWN Browne, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like THZ comp=Z,15nm,1.0s, ALNE Al Ain, DOM DQM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ANTO Ankara, ANTO Ankara, TCUT Toon Canyon, etc.

SLKM	Skilak Lake	3.39	191	Pn	01 15 27.8	+0.6
COLD	Coldfoot	3.45	352	Pn	01 15 28.7	+0.9
EGAK	Eagle	3.53	71	Pn	01 15 29.2	+0.3
EYAK	Cordova Ski Ar	3.62	154	Pn	01 15 29.8	+0.5
HIN	Hinchinbrook I	3.64	160	Pn	01 15 31.1	+0.6
VROI	Verde Repeater	3.65	193	Pn	01 15 31.9	+0.7
MCARA	McCarthy VSAT	3.68	129	Pn	01 15 32.6	+1.5
DFR	Drift River	3.69	210	Pn	01 15 32.2	+0.9
RDJH	Redoubt Jeurge	3.72	211	Pn	01 15 33.1	+1.4
SEW	Seward	3.75	184	Pn	01 15 31.7	-0.2
GOAT	Goat Mountain	3.82	147	Pn	01 15 32.7	-0.2
RDWB	Redoubt WB	3.82	147	Pn	01 15 32.7	-0.2
RSO	Redoubt South	3.83	209	Pn	01 15 34.2	+1.1
RED	Redoubt Volcan	3.87	209	Pn	01 15 34.7	+1.1
PTPK	Patty Peak	4.01	129	Pn	01 15 36.6	+1.0
BM03	Burnt Mountain	4.03	25	Pn	01 15 36.1	+0.5
EMAR	Burnt Mountain	4.04	25	Pn	01 15 35.9	+0.1
CRQM	Crigue	4.11	136	Pn	01 15 37.9	+0.5
SVW2	Sparrevohn	4.12	231	Pn	01 15 37.4	+0.5
BALM	Baldy	4.16	129	Pn	01 15 37.2	-0.3
BRLL	Bradley Lake	4.19	194	Pn	01 15 38.2	+0.4
BRSE	Bradley Lake S	4.19	192	Pn	01 15 38.0	+0.1
YUK1	Sand Pete Hill	4.20	110	Pn	01 15 38.1	+0.1
TGL	Tana Glacier	4.22	134	Pn	01 15 39.0	+0.9
DAWY	Dawson	4.22	83	Pn	01 15 38.8	+0.5
YUK2	White River	4.25	115	Pn	01 15 39.4	+0.7
ILW	Iliamna West	4.27	209	Pn	01 15 39.8	+0.7
HOM	Homer	4.38	126	Pn	01 15 41.5	+1.1
BARN	Barnard Glacie	4.38	126	Pn	01 15 41.5	+1.1
CNPM	China Foot	4.46	195	Pn	01 15 41.7	+0.3
CTGM	Chitina Glacie	4.47	126	Pn	01 15 44.5	+1.6
TOLK	Toolik Lake Re	4.83	357	Pn	01 15 48.3	+1.9
EPYK	Eagle Plains	5.76	58	Pn	01 15 59.5	+0.7
KAHG	Katmai Hardscr	5.97	212	Pn	01 16 01.9	+0.1
KDAK	Kodiak Island	6.33	198	P	01 16 04.6	-1.9
KDAK	3.9nm,0.3s,baz=50,slow=9.1,SNR=31			Sn	01 17 09.3	-7.9
OHAK	Old Harb 200	6.97	200	Pn	01 16 15.1	0.0
RDOG	Red Dog Mine	7.09	313	Pn	01 16 18.3	+1.6
INK	Inuvik	7.70	48	P	01 16 25.5	+0.7
C36M	Paulatuk	11.27	50	Pn	01 17 12.2	-0.5
YKA	Yellowknife Ar	15.46	79	P	01 18 06.5	-0.1
RES	Resolute Bay	21.05	37	P	01 19 09.9	+0.7
SEY	Seymchan	25.51	295	P	01 19 50.5	-1.6
ARCES	ARCES Array B	46.85	3	P	01 22 52.6	+0.1
SOMN	Songino Array	54.07	306	P	01 23 47.7	+0.6
FINES	FINES Array B	54.98	3	P	01 23 53.2	0.0
MKAR	Makanchi Array	62.58	323	P	01 24 45.1	-0.8

TAP 14 01:54:26.7,24:87N,122:13E,h13km,ML3.2,C
 JMA 14 01:54:27.7,0.1,24:77N,122:13E,h43km,ML2.5
 ISC 14 01:54:26.6,0.9,24:87N,122:12E,0.02,h13km,7km,
 n75,c0878/135,Taiwan region

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
TWB1	Santiao Chiao	0.21	311	Op	ISC	01 54 31.3	+0.2
TWB1	baz=319			S	Sg	01 54 34.4	+0.1
NTC	Toucheng	0.30	267	eP	Pb	01 54 33.0	-0.9
NTC	baz=270			eS	Sb	01 54 37.9	-0.9
EOS1	EOS1	0.32	186	eP	Pg	01 54 33.7	+0.6
EOS1	baz=190			S	Sb	01 54 38.8	-0.4
TIPB	Shuangxi	0.32	288	P	Pb	01 54 33.5	-0.7
TIPB	baz=289			eS	Sb	01 54 38.0	-1.4
TWC	Suao	0.39	228	P	Pg	01 54 34.0	-0.3
TWC	baz=216			eS	Sg	01 54 39.0	-0.5
NWF	Wu-fen Shan	0.40	300	eP	Pb	01 54 35.5	-0.1
NWF	baz=295			S	Sb	01 54 41.4	-0.3
WFSB	Wu-fen Shan	0.40	300	eP	Pb	01 54 35.2	-0.4
WFSB	baz=303			S	Sb	01 54 40.6	-1.0
TWE	Neicheng	0.47	252	P	Pg	01 54 36.0	+0.1
TWE	baz=237			eS	Sb	01 54 43.6	-0.1
SLBB	Yuanshan	0.49	256	P	Pg	01 54 36.0	-0.3
SLBB	baz=243			S	Sb	01 54 43.7	-0.6
TWA	Mucha	0.54	282	eP	Pb	01 54 38.4	+0.5
TWA	baz=282			eS	Sb	01 54 46.0	+0.4
ENA	Nanau	0.58	221	eP	Pg	01 54 38.1	+0.2
ENA	baz=209			S	Sg	01 54 45.4	-0.3
NHHD	Xindian Distri	0.59	279	eP	Pn	01 54 39.5	-1.2
NHHD	baz=279			eS	Sn	01 54 48.1	-2.0
ENTT	Nioudou	0.59	247	eP	Pb	01 54 38.5	-0.3
ENTT	baz=241			eS	Sb	01 54 46.1	-0.9
YM01	YM01	0.60	297	eP	Pb	01 54 39.3	+0.2
YM01	baz=299			eS	Sb	01 54 47.3	-0.2
NWL1	Wulai	0.61	261	eP	Pb	01 54 38.9	-0.1
NWL1	baz=259			eS	Sb	01 54 47.4	-0.2
YM08	YM08	0.61	301	eP	Pb	01 54 39.2	+0.1
YM08	baz=303			P	Pb	01 54 39.4	+0.2
YM10	YM10	0.61	298	eP	Pb	01 54 39.4	+0.1
TATO	Taipei	0.62	280	eP	Pn	01 54 40.4	-0.7
TATO	baz=279			eS	Sn	01 54 49.4	-1.5
YM04	YM04	0.63	297	eP	Pb	01 54 40.0	+0.4
YM03	YM03	0.64	299	eP	Pb	01 54 40.1	+0.4
YHNB	Yeheng	0.74	255	eP	Pg	01 54 40.0	-0.2
YHNB	baz=260			eS	Sb	01 54 52.0	+0.4
NSK	Sanguang	0.76	255	eP	Pb	01 54 41.4	-0.3
NSK	baz=261			eS	Sg	01 54 50.8	-0.4
PCYT	Pengchayiu	0.76	354	eP	Pg	01 54 41.2	-0.1
WLTB	Daxi	0.83	269	eP	Pg	01 54 44.0	0.0
NNS	Nan Shan	0.84	239	eP	Pn	01 54 43.5	-0.7

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
NNS	baz=255			eS	Sb	01 54 53.8	-0.5
NACB	Ninganchiao	0.86	217	eP	Pg	01 54 42.6	-0.7
NACB	baz=200			S	Sg	01 54 54.0	-0.6
YOJ	Yonaguni jima	0.87	118	eP	Pg	01 54 43.4	0.0
YOJ	baz=117			S	Sg	01 54 54.9	+0.1
YOJ	Yonaguni jima	0.87	118	P	Pg	01 54 43.5	0.0
NCUH	Zhongli	0.89	276	eP	Sg	01 54 54.9	+0.1
NCUH	baz=276			eS	Sn	01 54 45.2	+0.3
ETLH	Xiulin Townshi	0.91	223	eP	Pb	01 54 44.3	+0.1
ETLH	baz=217			eS	Sb	01 54 56.2	0.0
TWD	Chiawan	0.94	213	eP	Pg	01 54 44.1	-0.6
TWD	baz=200			S	Sb	01 54 56.9	-0.2
LIOB	Emei	1.07	258	eP	Pn	01 54 48.4	+1.1
LIOB	baz=255			eS	Sn	01 55 03.1	+1.0
NSTT	Nanjuang	1.08	258	eP	Pn	01 54 48.6	+1.2
NSTT	baz=254			eS	Sn	01 55 02.9	+0.5
ENLB	Shoufeng	1.09	208	eP	Pn	01 54 48.9	+1.3
ENLB	baz=208			eS	Sn	01 55 04.1	+1.5
TDCB	Techi	1.10	236	eP	Pn	01 54 48.3	+0.5
TDCB	baz=220			eS	Sg	01 55 01.7	-0.5
CHGB	Renai	1.21	228	eP	Pg	01 54 50.2	+0.3
CHGB	baz=221			eS	Sn	01 55 05.4	-0.4
ESL	Shilin	1.24	212	eP	Pg	01 54 50.4	-0.2
ESL	baz=205			eS	Sg	01 55 06.5	-0.2
WHP	Taichung City	1.25	242	eP	Pg	01 54 51.2	+0.5
WHP	baz=236			eS	Sg	01 55 08.0	+0.9
OWD	Renai	1.28	225	eP	Pg	01 54 50.8	-0.4
OWD	baz=217			eS	Sb	01 55 06.7	-0.4
NMLH	Miaoli	1.29	250	eP	Pg	01 54 53.0	+1.6
NMLH	baz=251			eS	Sg	01 55 10.1	+1.9
NSY	Sanyi	1.35	251	eP	Pg	01 54 53.0	+0.4
NSY	baz=260			eS	Sg	01 55 11.1	+0.9
TWQ1	Liyutan	1.37	248	eP	Pg	01 54 53.3	+0.5
TWQ1	baz=258			eS	Sg	01 55 11.8	+1.2
EGFH	Guangfu	1.37	209	eP	Pb	01 54 52.0	-0.1
EGFH	baz=217			eS	Sg	01 55 10.7	0.0
DPDB	Guoxing	1.40	234	eP	Pg	01 54 53.8	+0.3
DPDB	baz=218			eS	Pb	01 55 10.9	-0.9
VWDT	VWDT	1.45	220	eP	Pb	01 54 53.7	+0.3
VWDT	baz=220			eS	Sb	01 55 11.9	+0.1
SMLT	Sun Moon Lake	1.51	230	eP	Pg	01 54 56.1	+0.4
SMLT	baz=213			eS	Pb	01 55 14.6	-0.7
IRIF	Iriomote-Funau	1.52	110	P	Pn	01 54 52.7	-0.8
HGSD	Ruisui	1.53	206	eP	Pb	01 54 55.0	+0.2
HGSD	baz=186			eS	Sg	01 55 16.3	+0.5
TYC	Yuchr	1.53	231	eP	Pg	01 54 56.2	+0.2
TYC	baz=215			eS	Sg	01 55 16.2	+0.3
SSLB	Suanglung	1.54	226	eP	Pb	01 54 55.1	+0.1
SSLB	baz=217			eS	Sb	01 55 13.9	-0.6
EHY	Hungye	1.56	210	eP	Pb	01 54 55.0	-0.3
EHY	baz=200			eS	Sg	01 55 16.1	-0.7
YULB	Yuli	1.67	208	eP	Pn	01 54 56.2	+0.6
YULB	baz=199			eS	Sn	01 55 17.3	+0.4
WHYT	Xinyi Township	1.67	226	eP	Pg	01 54 58.5	-0.2
WHYT	baz=217			eS	Sg	01 55 20.3	-0.1
TWF1	Yuli	1.71	208	eP	Pb	01 54 57.8	0.0
TWF1	baz=199			eS	Sb	01 55 19.0	-0.2
JKRS	Kuro-shima	1.80	110	P	Pn	01 54 57.8	+0.5
ALS	Allshan	1.84	223	eP	Pg	01 55 01.2	-0.6
ALS	baz=197			eS	Sg	01 55 25.2	-0.5
FULB	Fuli	1.84	206	eP	Pb	01 54 59.9	-0.3
FULB	baz=209			eS	Sb	01 55 23.9	+0.7
CHN5	Tsauling	1.86	227	eP	Pb	01 55 01.1	+0.7
CHN5	baz=214			eS	Sg	01 55 26.2	-0.1
JJJ	Ishigaki jima	1.87	105	eS	Sn	01 55 22.3	+0.4
CHKT	Chengkung	1.91	203	eS	Sn	01 55 22.2	-0.5
ELDTW	Lidau	1.97	212	eP	Pn	01 55 00.4	+0.5
ELDTW	baz=194			eS	Sb	01 55 26.9	-0.2
CHN4	Tsaushan	2.08	224	eP	Pb	01 55 04.1	-0.1
CHN4	baz=200			eS	Sg	01 55 32.7	-0.9
CHY	Chiayi	2.10	230	eS	Sg	01 55 32.1	-1.8
TPUB	Ta-pu	2.10	222	eP	Pb	01 55 03.9	-0.6
TPUB	baz=199			eS	Sg	01 55 32.2	-1.9
CHN1	Nanshi	2.25	222	eP	Pb	01 55 06.6	-0.5
CHN1	baz=207			eS	Sb	01 55 36.3	+1.5
SLGT	Liguqi	2.33	217	eP	Pb	01 55 08.2	-0.2
SLGT	baz=198			eS	Sb	01 55 37.8	+0.7
MATB	Mafu	2.38	303	eP	Pb	01 55 08.1	-1.1
MATB	baz=308			eS	Sb	01 55 35.9	-2.5
ECL	Taimali	2.52	206	eP	Pn	01 55 08.6	+1.4
ECL	baz=200			eS	Sb	01 55 41.1	-1.6
MASBT	Mashibuluo	2.65	212	eP	Pb	01 55 12.8	

Table with columns: QIZ, comp, elevation, frequency, and other technical data for various stations like Roma, IPM, BBOO, EIDS, KULIM, etc.

Table with columns: LZH, sS, SS, pmax, and other technical data for stations like LZH, SHL, SHL, HHC, HHC, etc.

Table with columns: NIL, Nilore, elevation, frequency, and other technical data for stations like Nilore, MA2, MA2, MA2, etc.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like FINES, NVAR, and IDC.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like WRA, ASAR, and ASAR.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like KPT, KPT, KPT, KPT.

IDC 14 04:51:20.6:0.6, 2.55N:125.84E, h0km, mb4.3/17, mb1 4.4/17, mb1mx4.2/45, mbtmp4.3/17, MS2.9/4, Ms1 3.0/4, ms1mx2.8/37, Error ellipse: s-maj=39.5km s-min=13.4km az=74.0

ASAR 1.8m, 1.1s, baz=343, slow=12, SNR=7.7 ScP
ASAR 4.0m, 0.5s, baz=353, slow=3.4, SNR=4.1 ScP
STKA Stephens Creek 41.62 156 P

KPT Kopyto 1.10 344 P Sn 05 54 42.0 +0.1
KPT Kopyto 1.10 344 PN Sn 05 54 40.0 +0.6
KPT Zelenaya 1.11 1 P Sn 05 55 00.4 +0.6

NEIC 14 04:51:24.1:7.3, 0.8N:0.07:127.1E:0.1, h36km, 7km, bz=7.0, Error ellipse: s-maj=20.2km s-min=7.6km
DJA 14 04:51:31.1:0.6, 2.15N:125.84E, h61km, 20km, M4.5/9, mb4.9/3, mb4.8/3, MLv4.4/9, Mw(mb)4.2/3

SONM Songino Array 44.00 344 P
MKAR Makanchi Array 53.67 326 P
MKAR 1.3m, 0.4s, baz=120, slow=7.9, SNR=22 P

LGNR Loginovala 1.17 358 P Sn 05 54 43.6 +0.8
LGNR Loginovala 1.17 358 PN Sn 05 55 03.9 +1.3
CIRR Tsirik 1.21 360 P Sn 05 55 03.9 +1.3

ISC 14 05:12:27.6:0.5, 2.59N:105.126:30E:0.06, h55km, n68, a=175/67, mb4.5/21, 1C-2D, Northern Molucca Sea

ASAR 1.2m, 0.5s, baz=90, slow=8.7 ScP
BRTR Keskin Array B 85.88 309 P
FINES FINESS Array B 88.12 332 P

KOZ Kozyrevsk 1.25 337 P Sn 05 54 43.7 +0.4
KRSR Krestovskiy 1.31 355 P Sn 05 55 04.3 +0.4
KRSR Krestovskiy 1.31 355 PN Sn 05 55 04.4 +0.3

DAV Davao City (W) 4.51 351 LR
DAV Davao City (W) 4.51 351 LR
SANI Sanana 4.62 184 P

IDC 14 05:46:31.8:0.9, 3.06S:129.74E, h0km, mb4.1/7, mb1 4.3/9, mb1mx4.0/43, mbtmp4.1/9, ML3.8/2, MS3.1/2, Ms1 3.1/2, ms1mx2.8/39, Error ellipse: s-maj=35.1km s-min=16.9km az=63.0

KLY Klyuchi 1.40 358 P Sn 05 55 07.0 +0.8
KLY Klyuchi 1.40 358 PN Sn 05 55 07.0 +0.8
SRDR Sredinnyy 1.52 338 P Sn 05 55 06.1 -0.1

NLAI Namlea 5.85 172 P
MPSI Mapaga 6.78 251 P
SBUM Sibuu 14.06 270 P
KNRA Kununurra 18.31 172 P

NEIC 14 05:46:37.9:2.2, 3.07S:129.94E:0.08, h46km, 9km, mb4.1/11, Error ellipse: s-maj=14.3km s-min=6.9km az=49.0

SKBR Semkarok 1.72 13 S Sn 05 55 12.1 +0.4
SMKR Krutoberegovo 1.74 39 P Sn 05 55 12.7 +0.4
SMKR Krutoberegovo 1.74 39 PN Sn 05 55 12.7 +0.4

FITZ Fitzroy Crossi 20.57 182 P
WBO Warramunga Arr 23.60 161 P
WBRB Tennant Creek 24.74 161 P

ISC 14 05:46:34.0:0.6, 3.01S:129.87E:0.04, h10km, n38, a=193/39, mb4.1/9, Seram

SMKR Krutoberegovo 1.75 41 P Sn 05 55 12.6 +0.3
KBTR Krutoberegovo 1.75 41 PN Sn 05 54 49.0 +0.4
SRKR Sorokina 1.76 7 P Sn 05 55 15.2 +1.9

WRA Warramunga Arr 23.74 161 P
WRA Warramunga Arr 23.74 161 P
WB2 Warramunga Arr 23.75 161 P

MSAI Masohi 1.00 250 P
BNDI Bandanaira 1.50 179 P
AAI Ambon 1.80 248 P

SPN Mys Shipunski 1.87 194 P Sn 05 55 15.2 +1.9
SPN Mys Shipunski 1.87 194 PN Sn 05 54 49.2 -0.8
NLC Nalytchevo 1.93 206 P Sn 05 55 16.2 -0.4

KRVT Keravat (AS076 26.10 149 LR
AS31 Alice Springs 27.13 165 P
AS31 Alice Springs 27.13 165 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

SDLR Sedlovinia 1.98 215 P Sn 05 55 18.3 +0.5
SDLR Sedlovinia 1.98 215 PN Sn 05 55 18.3 +0.5
ARik Arik 1.99 219 P Sn 05 55 19.3 +1.2

CMAR Chiang Mai Arr 31.09 302 P
KMSR Korea Arr 34.73 2 P
KMSR Korea Arr 34.73 2 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

KRER Koryakskii 2.00 217 P Sn 05 55 19.3 +0.9
KRER Koryakskii 2.00 217 PN Sn 05 55 19.3 +0.9
KRER Koryakskii 2.00 217 P Sn 05 55 19.3 +0.9

XAN Xian 5.85 172 P
STKA Stephens Creek 37.23 158 P
STKA Stephens Creek 37.23 158 P

ASAR Alice Springs 20.50 170 P
ASAR Alice Springs 20.50 170 P
ASAR Alice Springs 20.50 170 P

SMAR Somma 2.02 216 P Sn 05 55 18.0 -0.8
SMAR Somma 2.02 216 PN Sn 05 55 18.0 -0.8
AVH Avacha 2.04 217 P Sn 05 55 19.2 +0.2

LZH Lanzhou 39.27 331 eP
LZH Lanzhou 39.27 331 pP
LZH Lanzhou 39.27 331 sP

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

KOK Koryaka 2.05 218 P Sn 05 54 53.1 +0.9
KOK Koryaka 2.05 218 PN Sn 05 54 53.1 +0.9
UGLR Uglovaya 2.05 214 P Sn 05 55 02.3 +0.9

SHL Shilling 40.21 308 P
HHC Hu-ho-hao-te 40.34 343 eP
TAPN Tapejlung 44.35 307 eP

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

UGLR Uglovaya 2.05 214 P Sn 05 55 02.3 +0.9
UGLR Uglovaya 2.05 214 PN Sn 05 55 02.3 +0.9
DALK Dalny 2.23 213 P Sn 05 54 54.5 +0.3

ODAN Odare 44.39 307 eP
RAMN Ramite 45.06 306 eP
JIRN Jiri 45.70 307 eP

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

DALK Dalny 2.23 213 P Sn 05 54 54.5 +0.3
DALK Dalny 2.23 213 PN Sn 05 54 54.5 +0.3
PET Petropavlovsk 2.26 214 P Sn 05 54 53.5 +0.6

GUN Gumba 46.50 307 eP
PKI Pulchoki 46.28 306 eP
DMN Daman 46.54 306 eP

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

PET Petropavlovsk 2.26 214 P Sn 05 54 53.5 +0.6
PET Petropavlovsk 2.26 214 PN Sn 05 54 53.5 +0.6
PEA0B Petropavlovsk- 2.55 226 P Sn 05 55 30.7 +0.0

DANN Dangsing 47.93 307 eP
SONM Songino Array 48.24 342 P
SONM Songino Array 48.24 342 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

PEA0B Petropavlovsk- 2.55 226 P Sn 05 55 30.7 +0.0
PEA0B Petropavlovsk- 2.55 226 PN Sn 05 55 30.7 +0.0
PETK Petropavlovsk- 2.55 226 P Sn 05 54 58.8 +0.4

WMQ Wungu Array 53.41 326 eP
MK31 Makanchi Array 58.24 326 P
MKAR Makanchi Array 58.24 326 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

PETK Petropavlovsk- 2.55 226 P Sn 05 54 58.8 +0.4
PETK Petropavlovsk- 2.55 226 PN Sn 05 54 58.8 +0.4
PETK Petropavlovsk- 2.55 226 P Sn 05 54 57.9 -0.4

MKAR Makanchi Array 58.24 326 P
MAKZ Makanchi 58.43 326 P
KSH Kashi 58.55 316 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

PETK Petropavlovsk- 2.55 226 P Sn 05 54 57.9 -0.4
PETK Petropavlovsk- 2.55 226 PN Sn 05 54 57.9 -0.4
KRMR Karymshinskiy 2.60 218 P Sn 05 54 59.3 +0.4

KSH Kashi 58.55 316 SS
KSH Kashi 58.55 316 SS
ZALV Zalesovo Beam 61.41 334 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

KRMR Karymshinskiy 2.60 218 P Sn 05 54 59.3 +0.4
KRMR Karymshinskiy 2.60 218 PN Sn 05 54 59.3 +0.4
RUS Russkaya 2.82 209 P Sn 05 55 31.1 -1.0

KURK Kurchatov 62.47 328 P
TIXI Tiksi 69.98 1 P
NRKI Noril'sk 71.43 346 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

RUS Russkaya 2.82 209 P Sn 05 55 31.1 -1.0
RUS Russkaya 2.82 209 PN Sn 05 55 31.1 -1.0
GRL Gorelyy 2.85 215 P Sn 05 55 02.3 +0.1

ABKAR Abkutai array 72.76 321 P
IMAR Indian Mountain 83.55 24 P
ILAR Eielson Array 86.31 25 P

WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P
WRA Warramunga Arr 17.39 166 P

GRL Gorelyy 2.85 215 P Sn 05 55 02.3 +0.1
GRL Gorelyy 2.85 215 PN Sn 05 55 02.3 +0.1
MTVR Mutnovka 2.88 213 P Sn 05 55 02.8 +0.3

KRSC 14 05:54:15.5:0.9, 5.49N:160.82E, h144km, 8km, ML4.1
MOS 14 05:54:16.4:0.8, 5.47N:160.62E, h149km, mb4.3/8, Error ellipse: s-maj=13.5km s-min=4.3km az=76.2

IDC 14 05:54:17.7:1.9, 5.51N:160.27E, h147km, 19km, mb3.5/17, mb1 3.8/18, mb1mx3.6/35, mbtmp3.9/18, Error ellipse: s-maj=17.0km s-min=12.5km az=158.0

ISC 14 05:54:17.9:1.6, 5.51N:160.40E:0.2, h147km, 7km, mb4.2/49, Error ellipse: s-maj=15.6km s-min=13.3km az=105.0

ISC 14 05:16:9.0:6.5, 431N:0.03:160.76E:0.03, h142km, 4km, n81, a=17/725, mb4.1/10, 2C, Near east coast of Kamchatka Peninsula

Code Station Name Az Phase ID Time Res
KZV Kizimen 0.33 307 P Sn 05 54 37.0 +0.2

MA2 Magadan 7.15 315 P Pn 05 55 59.3 +0.5
MA2 Magadan 7.15 315 PN Pn 05 55 58.4 -0.4
MA2 Magadan 7.15 315 Pn 05 55 58.4 -0.4

14d 8h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CHKK Chushkaly, KURS Kuram, THW Thamm Wali, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KBZ Khabaz, NEY Neytrino, KIV Kislovodsk, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MCK McKinley, MCK PAX, PAX Paxon, etc.

Technical notes and coordinates for stations, including error ellipses and specific frequency allocations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, and Residual. Includes stations like RUS Russkaya, RUS Russskaya, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TXAR, TX31, TX32, TX33, WHTX, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TUC, USIN, R32A, T51A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FFC, SAML, LPAZ, SCHO, etc.

IASPE 14 09:51:22.9 1.0, 4.2; 15N.0.03; 73.69E; 0.02, h7km, 5km, Error ellipse: s-maj=3.8km s-min=3.4km az=177.9, GT5 selection from ISCO bulletin GT5 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>, 80, 465-472, 2009

SOME 14 09:51:22.9 1.0, 4.2; 15N.0.03; 73.67E, h5km KRNE 14 09:51:23.0 1.0, 4.2; 15N.0.03; 73.70E, h16km, mb2.9 KNET 14 09:51:23.4 0.2, 4.2; 15N.0.03; 73.76E, h0km, m1.1, Error ellipse: s-maj=2.2km s-min=1.4km az=167.0 NNC 14 09:51:23.5 0.8, 4.2; 21N.0.03; 73.68E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=7.2km s-min=3.1km az=171.0

ISC 14 09:51:23.3 0.9, 4.2; 18N.0.02; 73.68E; 0.02, h4km, 6km, n59, c090/102, 37C-12D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AML, EKS2, ARLS, UCH, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KZA Kyzart, USP Osenovka, ARK Arkit, DGS Degeres, NRN Narvn, KST Kastek, ULHL Ulahol, MTBS Matube, IZV IZvestkoviy, KK31 Karatay Array, TNSS Tian-Shan, KUUB Karatobe, MDOK Medeo, KTBS Karatobe, IUG Iuzhnay, KOTS Kotrybulak, BTLS Baital, CHHK Chushkaly, BRLS Borolday, ANVS Ananyevov, ARXS Arharly, SBAR3 San Bartolo, C.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SBAR3 Puerto Jimenez, PIRO Carate, PIRO Carate, BRU2 Volcan, BAGA3 Bagala, BCO2 Palмира, BCO2 David, POTR3 Potrerillos Ar, PEDE3 Pedregal, EDNP Palmar Norte, LOMA3 Las Lomas, CHIR3 Chiriqui UPA, EDBA Buenos Aires, EDLM Las Mercedes, CHGR2 Aguacate, EDDO Dominical, CN12 El Empalme, RGM0 Gandoca, NANC3 Nancito, LCR2 La Lucha 2, HDC Heredia, GMAL Guarumal, SFR3A San Francisco, STIAS Santiago, CALO3 Calobre, OCU3 Ocu, CACA0 El Cacao, FORC Fortuna, CEDE Laguna Cededo, JTS Las Juntas, AZU Azuero, VTON El Valle, ACAL Aguas Caldas, PLVR Palo Verde, PTEN Parque Tenorio, GUAI Guai, COLC Colonia, GUAB Guayabo de Bag, ZANG Zanguanga, BCIP Isla Barro Col, INMG 14 10:04:18.9, CNRM 14 10:04:18.1, MDD 14 10:04:18.6, IGL 14 10:04:19.3, MORF Marnelete, PVFI Vila Bisbo, PTEO Sao Teotonio, PBDV Barranco-do-Ve, PCVE Castro Verde, MESJ Messejeana, PVAQ Vaqueiros, PNCL Nicolau, EGRO El Granado.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PBEJ Beja, PBAR Barrancos, EMIN Mina Concepcio, PMAFR Mafra, PMTG Montargil, EBAD Badajoz, ESPR Espera, PSBE So Bento, PMRV Marv???, PTOM Tomar, ECAB El Cabril, PCBR Castelo Branco, PCBR Castelo Branco, HORN Hornachuelos, MTE Manteigas, EADA Adamuz, EPLA Plasencia, PVIS Viseu, PAB San Pablo, MVO Moncorvo, PGAV Gaviiera, MDT Midelt, INET 14 10:16:45.6, SNET 14 10:16:44.8, CNCH Conchagua, BLLM Bellamira, PACA Pacayal, TECA Tecapa, MOWM Motomombo, TGUH Tegugigalpa, UN, TNTI Ternate, KMSI Cibinong, SANI Sanana, NLAI Namlea, LUWI Luwuk.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzO, ElO, AzP, ElP, AzI, ElI, AzA, ElA, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Q16A, MTPU, K22A, etc.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzO, ElO, AzP, ElP, AzI, ElI, AzA, ElA, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like 121A, MATO, D46A, etc.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzO, ElO, AzP, ElP, AzI, ElI, AzA, ElA, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like J57A, X40A, P50A, etc.

GCG 14 11:00:39.0; 0.6, 13.68N; 93.24W, h34km; 999km, MD4.2
NEIC 14 11:00:40.5; 2.1, 14.29N; 0.08; 93.22W; 0.02, h10km; 2km,
mb4.0/3, Md3.9/20(MEX). Error ellipse: s-maj=12.8km
s-min=3.1km az=182.0
MEX 14 11:00:41.5; 0.9, 14.20N; 93.23W, h10km, MD3.9
IDC 14 11:00:41.6; 1.3, 14.52N; 93.00W, h0km, mb3.6/5,
mb1.4/0.9, mb1mx3.7/34, mbtrp3.7/9, ML3.7/3, MS2.9/2,
Ms1.2/9.2, ms1mx2.4/37, Error ellipse: s-maj=26.1km
ISC 14 11:00:41.8; 0.8, 14.37N; 0.06; 93.18W; 0.04, h10km, n33,
c1940/45, mb3.7/5, Near coast of Chiapas
Code Station Name Az El Phase ID Op h m s Res
THIG 1.03 59 eP Sb 11 01 00.3 -1.4
THIG 1.03 59 iS Pb 11 01 14.5 -0.9
THIG 1.03 59 eP Sb 11 01 14.5 -0.9
THIG 1.03 59 eP Sb 11 01 14.5 -0.9
PCIG 1.33 358 eP Sn 11 01 04.9 -1.5
PCIG 1.33 358 iS Sn 11 01 22.9 -1.9
PCIG 1.33 358 eP Sn 11 01 22.9 -1.9
ERIG 1.56 87 eP Pn 11 01 07.8 -1.8
STG3 1.59 78 eP Pn 11 01 08.1 -2.1
CCIG 2.15 28 eP Sn 11 01 17.2 -0.7
CCIG 2.15 28 iS Pn 11 01 43.8 -1.0
CCIG 2.15 28 eP Sn 11 01 19.5 +1.5
CCIG 2.15 28 eP Sn 11 01 17.2 -0.7
CCIG 2.15 28 eP Sn 11 01 43.8 -1.0
FUG 2.26 88 eP Sn 11 01 18.0 -1.5
FUG 2.26 88 eS Pn 11 01 47.6 -0.1
TGIG 2.39 1 iS Pn 11 01 19.8 -1.4
TGIG 2.39 1 iS Pn 11 01 50.6 0.0
TGIG 2.39 1 iS Pn 11 01 19.8 -1.4
TGIG 2.39 1 iS Pn 11 01 50.6 0.0
IXG 2.66 94 eP Sn 11 01 22.0 -3.0
APG 2.70 76 Pn Pn 11 01 24.1 -1.4
APG 22nm, 0.3s, baz=233, slow=1.4, SNR=31
Lg 11 02 00.3
HUIG 18u0.0, 3s, baz=350, slow=20, SNR=5.4
HUIG 1.15 297 iS Pn 11 01 30.0 -1.6
HUIG 1.15 297 iS Sn 11 02 07.0 -2.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Huatulco, Matias Romero, Tegucigalpa, etc.

IDC 14 11:03:55.4, 1.6, 3.52N, 125.02E, h0km, mb3.3/3, mb1 3.8/4, mb1mx3.2/3, bmtmp3.3/3, Error ellipse: s-maj=28.4km s-min=10.6km az=127.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Davao City, Dav, DAV, MATI, etc.

MEX 14 11:06:07.6, 0.3, 30.93N, 115.32W, h22km, 15km, MD3.5 ECX 14 11:06:07.4, 0.5, 31.22N, 115.30W, h6km, 2km, MD2.1

ISC 14 11:06:06.7, 1.0, 31.23N, 0.03, 115.32W, 0.03, h11km, gkm, n14, c0544/28, 4C-1D, Baja California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Pedro Mart, SPX, SPG, etc.

TEH 14 11:13:33.9, 40.19N, 53.95E, h20km, ML3.5, Turkmenistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ghaloghah, IGL0, IALA, etc.

PGC 14 11:24:35.1, 0.0, 66.60N, 135.42W, h10km, ML3.6/2, 103km southwest of Fort McPherson, NT Northern Yukon Territory, Canada, Northern Yukon Territory

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

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

KRNET 14 11:35:52.4, 0.1, 41.20N, 70.15E, mb2.5 SOME 14 11:35:54.1, 41.08N, 71.02E, h0km

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

WEL 14 11:46:03.1, 1.2, 34.3S, 13.17W, 1.4, h190km, 40km, MA, 1/12, MB4.2/2, ML4.2/11, MLV4.1/12, Mw(MB)3.2/2, South of Kermadec Islands

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

IDC 14 11:46:48.4, 2.1, 37.36N, 142.33E, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.3/4, bmtmp3.5/4, ML2.0/1, Error ellipse: s-maj=45.6km s-min=31.6km az=60.0

JMA 14 11:46:53.1, 0.1, 37.36N, 141.95E, h32km, 3km, M3.4 ISC 14 11:46:53.3, 2.5, 37.38N, 0.06, 141.89E, 0.10, h24km, 15km, n13, c097/23, mb3.5/3, Near east coast of eastern Honshu

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

BUI 14 11:53:36.0, 0.0, 25.63N, 118.74E, h10km, ML4.1/8, 1D, Near coast of southeastern China

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

Table with columns: WMQ, Urumqi, 31.06 314 eP, P, 11 59 56.3 +2.1

IDC 14 12:03:29.1, 5.0, 29.95S, 177.78W, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/30, bmtmp3.7/4, ML3.7/1, Error ellipse: s-maj=101.5km s-min=17.3km az=102.0

NEIC 14 12:03:32.4, 0.5, 29.99S, 0.03, 178.1W, 0.0, 3, h11km, 13km, mb4.0/7, Error ellipse: s-maj=41.9km s-min=2.6km az=95.0

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

KRNET 14 12:06:24.6, 0.1, 41.43N, 70.97E, h10km, mb2.5 ISC 14 12:06:27.0, 1.4, 41.31N, 70.04, 71.16E, 0.05, h1km, 12km, n11, c164/21, 19C-3D, Kyrgyzstan

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

IDC 14 12:15:35.9, 3.5, 12.21N, 43.71W, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/4, bmtmp3.6/3, Error ellipse: s-maj=151.2km s-min=33.4km az=12.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10N3, H10N2, H10N1, etc.

SJA 14 12:22:32.0, 0.7, 32.06S, 71.85W, h51km, 12km, ML4.8, MW4.9, NEIC 14 12:22:34.3, 1.5, 32.06S, 71.56W, 0.10, h67km, 3km, Error ellipse: s-maj=12.0km s-min=6.0km az=87.0

IDC 14 12:22:34.2, 0.6, 32.11S, 71.67W, h60km, 4km, mb4.3/13, mb1 4.5/7, mb1mx4.4/29, bmtmp4.7/17, MS3.8/7, s-min=10.5km az=175.0, Error ellipse: s-maj=14.1km

GUC 14 12:22:34.5, 0.7, 32.08S, 71.55W, h68km, 6km, ML4.6 VAO 14 12:22:44.7, 1.7, 31.70S, 71.06W, h129km, 12km, mb4.9 ISC 14 12:22:31.0, 5.0, 32.07S, 0.03, 71.78W, 0.05, h57km, 4km, n212, c1941/211, mb4.6/46, MS4.1/7, 12C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO04, CO04, MT02, etc.

14d 12h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MT01 Popeta, GO04 Tololo Observa, and many others.

2014 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SYO Syowa Base, TX32 Lajitas Array, and many others.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AAK Wale-Archa, ZALV Zalesovo Beam, and many others.

Table with columns for station call signs (e.g., CN2, IRK, BRZ), frequencies, and various signal quality metrics (e.g., SNR, S/N, dB). Includes stations like IRKutsk, Zalesovo Beam, and others.

Table with columns for station call signs (e.g., PMG, SVE, SVE), frequencies, and various signal quality metrics. Includes stations like Sverdiolvsk, Arti, and others.

Table with columns for station call signs (e.g., OBN, OBN, OBN), frequencies, and various signal quality metrics. Includes stations like Manisa, Klimovskoe, and others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like OJC, LBTB, LANS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like CLL, Collim, WET, etc.

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

Table with columns: ID, Name, Time, Res, and various status codes. Includes entries like D58A Chemin du LacG, EYMN Ely, E61A Lac Etchemin, etc.

Table with columns: ID, Name, Time, Res, and various status codes. Includes entries like GOGA Godfrey, Z50A Ashland, TXAR Lajitas Array, etc.

Table with columns: ID, Name, Time, Res, and various status codes. Includes entries like STKA Stephens Creek, FITZ Fitzroy Cross, LTZ Lake Taylor, etc.

INET 14 14:50:07.1, 12.43N-87.74W, h68km, ML3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CNCH Conchagua, COPN Copalpete, etc.

SJA 14 14:50:28.8 ± 0.2, 23.32S-68.26W, h140km, 19km, ML3.3, MW3.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like LVC Limon Verde, PB15 IPOC Station P, etc.

KEA 14 13:38:36.2 ± 0.0, 40.65N x 122.73E, h0km, ML2.6/3, Northeastern China

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like SUJ Sinuiju, PYS Pyongyang, etc.

NEIC 14 14:28:37.4 ± 1.5, 6.21S; 0.08-154.46E; 0.07, h49km, 5km, mb4.3/1.1, Error ellipse: s-maj=12.3km s-min=9.3km

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

N02D	Trinity Center	1.66	67	P	Pn	16 33 00.6	-1.3
N02D	baz=247,SNR=1000				S	16 33 19.7	-3.0
GVV	Valley View	1.67	109	Pn	Pn	16 33 01.1	-1.0
WDC	Whiskeytown Da	1.68	81	Pn	Pn	16 33 00.7	-1.4
GASB	Alder Springs	1.69	113	Pn	Pn	16 33 01.1	-1.2
LBKM	Bonanza King	1.73	64	Pn	Pn	16 33 01.7	-1.2
GGUM	Gualala	1.76	147	Pn	Pn	16 33 01.8	-1.5
MO2C	Callahan	1.76	53	P	Pn	16 33 02.1	-1.1
MO2C	baz=232,SNR=1000				S	16 33 01.8	-1.5
MO2C	baz=203				S	16 33 22.6	-2.7
GSNM	Mountain	1.83	139	Pn	Pn	16 33 03.1	-1.2
GHLM	Highland Sprin	1.85	134	Pn	Pn	16 33 03.2	-1.3
HOPS	Hopland Field	1.86	136	Pn	Pn	16 33 03.3	-1.2
KTRM	Thompson Ridge	1.86	33	Pn	Pn	16 33 03.7	-1.1
KBO	Bosley Butte	1.90	11	Pn	Pn	16 33 03.9	-1.3
GCK	Clark Valley	1.93	114	Pn	Pn	16 33 05.6	+0.0
GTSM	Trough Springs	1.93	122	Pn	Pn	16 33 04.6	-1.0
GDCM	Dry Creek	1.95	143	Pn	Pn	16 33 04.4	-1.4
LTCM	Tuscan Springs	1.99	93	Pn	Pn	16 33 05.5	+0.9
LO2E	Cave Junction	2.00	25	P	Pn	16 33 05.6	+0.9
LO2E	Cave Junction	2.00	25	P	Pn	16 33 05.6	+0.9
LO2E	baz=203,SNR=390				S	16 33 28.8	-2.2
GPMM	Pine Mountain	2.03	137	Pn	Pn	16 33 06.0	+0.9
LAMM	Antelope Mount	2.03	51	Pn	Pn	16 33 06.2	+0.8
GCVM	Cloverleaf	2.05	139	Pn	Pn	16 33 06.1	+0.2
GACM	Adobe Creek	2.06	135	Pn	Pn	16 33 06.2	-1.2
YBH	Yreka Blue Hor	2.06	47	Pg	Pn	16 33 06.5	+0.8
YBH	21nm,0.3s,baz=238,slow=9.5,SNR=240				Lg	16 33 30.4	
YBH	77nm,0.3s,baz=330,slow=20,SNR=27				LR	16 33 37.3	
YBH	comp=Z,4.7nm,19.2s,baz=302,slow=35				LR	16 33 37.3	
LCSM	College of the	2.07	58	Pn	Pn	16 33 07.0	-0.5
LSHM	Sage Hen Hill	2.09	77	Pn	Pn	16 33 07.0	+0.8
LSHM	Sage Hen Hill	2.10	124	Pn	Pn	16 33 07.2	+0.2
GSSM	Skaggs Springs	2.11	141	Pn	Pn	16 33 06.6	-1.3
GFC	Funks Creek	2.13	118	Pn	Pn	16 33 08.7	+0.4
GDXM	Geysers	2.14	135	Pn	Pn	16 33 07.5	-1.0
GSGM	Seigler Mounta	2.14	133	Pn	Pn	16 33 09.8	-2.1
GWKM	Walker Ridge	2.15	126	Pn	Pn	16 33 09.5	+0.0
LGBM	Gray Butte	2.16	62	Pn	Pn	16 33 06.0	-1.2
MO3C	McCloud	2.18	64	Pn	Pn	16 33 08.6	+0.4
GCRM	Castle Rock Sp	2.21	135	Pn	Pn	16 33 08.5	-0.0
OO3E	Paynes Creek	2.23	90	P	Pn	16 33 08.3	-1.5
OO3E	Paynes Creek	2.23	90	P	Pn	16 33 08.3	-1.5
OO3E	baz=272,SNR=47				S	16 33 34.7	-2.1
OO3E	baz=272				Pn	16 33 08.4	-1.3
NMCMC	Mill Creek, So	2.24	141	Pn	Pn	16 33 08.4	-1.3
LDBM	Digger Butte	2.25	87	Pn	Pn	16 33 08.5	-1.5
LMPM	Military Pass	2.25	59	Pn	Pn	16 33 07.7	+0.2
LHEM	Herd Peak	2.29	55	Pn	Pn	16 33 10.5	+0.2
MNRC	McLaughlin Min	2.29	120	Pn	Pn	16 33 10.5	0.0
NMTM	Middletown	2.34	130	Pn	Pn	16 33 11.1	-0.1
NHSM	Mount Saint He	2.35	135	Pn	Pn	16 33 10.3	-1.0
MAC	Mark West Spr	2.37	139	Pn	Pn	16 33 11.1	-0.4
NHSM	Black Fox Moun	2.38	135	Pn	Pn	16 33 11.5	+0.3
LMEM	Manzanita Entr	2.41	84	Pn	Pn	16 33 11.4	+0.9
NSHM	Saint Helena R	2.45	137	Pn	Pn	16 33 12.3	+0.3
OSUM	Sutter Buttes	2.46	191	Pn	Pn	16 33 11.6	-1.1
LCMM	Colby Mountain	2.46	94	Pn	Pn	16 33 11.8	-1.2
K02D	Williamette Mer	2.48	18	P	Pn	16 33 12.2	-1.0
K02D	baz=197,SNR=17				S	16 33 40.1	-2.9
MGL	Magalia	2.49	101	Pn	Pn	16 33 11.9	-1.3
LRDM	Redding Peak	2.49	86	Pn	Pn	16 33 12.9	-0.4
LGM	Garner Mountai	2.52	59	Pn	Pn	16 33 13.6	-0.2
NTYM	Taylor	2.52	140	Pn	Pn	16 33 12.7	+0.9
SATC	Sutter Butte	2.52	115	Pn	Pn	16 33 12.6	-1.1
HUTC	Hill Creek Radi	2.53	78	Pn	Pn	16 33 13.6	+0.2
NBPM	Berryessa Peak	2.53	130	Pn	Pn	16 33 14.1	+0.0
LTIM	Timbed Crater	2.55	70	Pn	Pn	16 33 14.1	+0.6
ORV	Oroville	2.60	107	Pn	Pn	16 33 13.6	-1.1
ORV	Oroville	2.60	107	Pn	Pn	16 33 13.6	-1.1
MO4C	Macdoel	2.61	56	Pb	Pn	16 33 14.6	+0.4
MO4C	Macdoel	2.61	56	Pb	Pn	16 33 14.7	+0.3
MO4C	baz=236,SNR=73				S	16 33 42.9	-3.3
LO4D	Klamath Falls	2.61	43	Pb	Pn	16 33 16.1	+1.1
LO4D	Klamath Falls	2.61	43	Pb	Pn	16 33 16.0	+0.9
LO4D	baz=224,SNR=157				Sb	16 33 46.8	+0.5
LBCM	Butte Creek Ri	2.62	78	Pn	Pn	16 33 14.5	-0.6
HUMO	Hull Mountain	2.62	30	Pn	Pn	16 33 14.7	+0.5
PAMO	Marconi Confer	2.62	146	Pn	Pn	16 33 13.2	-0.2
HAMO	Palermo	2.62	109	Pn	Pn	16 33 13.7	-1.3
LHMM	Little Mount H	2.63	61	Pn	Pn	16 33 14.8	-0.5
CVS	Carmen Viney	2.66	138	Pn	Pn	16 33 14.8	+0.8
OCHM	Honcut	2.69	111	Pn	Pn	16 33 14.3	-1.6
LSM	Arnica Sink	2.69	61	Pn	Pn	16 33 15.1	+0.7
NPRM	Point Reyes	2.69	150	Pn	Pn	16 33 14.8	-1.2
NAPC	Atlas Peak	2.70	134	Pn	Pn	16 33 15.5	-0.7
NOLM	Olema	2.75	146	Pn	Pn	16 33 15.4	-1.3
SNT	Sears Point	2.79	140	Pn	Pn	16 33 16.1	-1.2
J01E	Myrtle Point	2.88	12	P	Pn	16 33 17.8	-0.7
J01E	baz=190				S	16 33 50.2	-2.4
K04D	Chiloquin, OR	3.19	43	P	Pn	16 33 22.3	-0.6
K04D	baz=224,SNR=16				S	16 33 58.4	-2.1
AFDM	Forest Hills D	3.21	115	Pn	Pn	16 33 22.5	+0.7
BEKR	Beckworth	3.38	97	Pn	Pn	16 33 25.1	+0.5
I03D	Drain, OR	3.50	17	P	Pn	16 33 26.8	-0.3
I03D	baz=196,SNR=7.1				S	16 34 04.5	-3.5
MOD	Modoc Plateau	3.68	64	Pn	Pn	16 33 28.4	-1.3
RUBR	Rubicon Trail	3.75	109	Pn	Pn	16 33 31.8	+0.8
I02D	Swissmore	3.81	10	P	Pn	16 33 31.8	+0.4
I02D	baz=189,SNR=18				S	16 34 13.0	-2.7
J05D	Fort Rock, OR	3.93	40	P	Pn	16 33 33.1	0.0
J05D	baz=222,SNR=7.4				S	16 34 16.1	-2.6
PNTR	Pine Nut	4.14	106	Pn	Pn	16 33 37.4	+1.2
PAHR	Pah Rah Range	4.15	97	Pn	Pn	16 33 35.2	+0.9
SAO	San Andreas Ge	4.40	143	Pn	Pn	16 33 37.6	-1.9
H04D	Lebanon	4.43	19	S	Pn	16 34 28.5	-2.3
YERR	Yerinton	4.44	106	Pn	Pn	16 33 40.3	+0.1
PINE	Pine Mountain	4.45	38	Pn	Pn	16 33 41.2	+0.9
WVOR	Wild Horse Val	5.03	64	Pn	Pn	16 33 47.0	-1.2
RYN	Ryan	5.09	108	Pn	Pn	16 33 49.6	+0.4
PMPB	Monarch Peak	5.15	142	Pn	Pn	16 33 49.4	+0.5
MDPB	Devils Postpil	5.16	120	Pn	Pn	16 33 52.5	+2.3
KVIN	Kaiserville	5.27	102	Pn	Pn	16 33 52.1	+0.3
NVAR	Mina Array Be	5.33	109	Pn	Pn	16 33 52.9	+0.5
NV11	Mina Array Sit	5.43	108	Pn	Pn	16 33 54.0	+0.2
ELK	Elko	7.24	84	Pn	Pn	16 34 19.0	+0.4
ELK	0.1nm,0.3s,baz=279,slow=14,SNR=5.3				LR	16 37 19.8	
PFO	Pinpoint Flats O	9.42	133	Pn	Pn	16 34 49.7	+1.1
NEW	Newport	9.61	32	LR	LR	16 38 18.2	
PDAR	Pinedale Array	11.62	73	Pn	Pn	16 35 21.6	+2.9
ANMO	Albuquerque	15.43	105	LR	LR	16 42 42.3	
YKA	Yellowknife Ar	23.00	12	P	P	16 47 38.5	+1.5
H11N3	WAKE ISLAND Hy	61.29	272	T	T	17 49 27.8	
H11N2	WAKE ISLAND Hy	61.20	272	T	T	17 49 27.4	
H11N1	WAKE ISLAND Hy	61.22	272	T	T	17 49 28.4	
NB2	NORSAR Subarra	72.78	21	P	P	16 44 05.8	+5.3

KHC	Kasperske Hory	83.60	26	eP	P	16 45 02.0	+1.4
HHC	Hu-ho-hao-te	94.36	321	eP	P	16 45 04.8	+0.1
WMQ	Urumqi	91.27	37	eP	P	16 45 40.8	+2.8
<p>IDC 14 16:45:17.8,1.9,6.40S:130.87E,h0km,mb3.4/1, mb1 3.6/4,mb1mx3.3/37,mbtmp3.4/4,ML3.5/3,Error ellipse: s-maj=91.2km s-min=28.0km az=80.0,Banda Sea</p>							
Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s ISC
SIJI	Sorong	5.51	4	Pn	16 46 39.8	-1.3	
SIJI	2.5nm,0.3s,baz=187,slow=16,SNR=9.6				Sn	16 47 35.1	-10
SIJI	2.0nm,0.3s,baz=234,slow=23,SNR=6.2				Sn	16 47 35.1	-10
WRA	Warramunga Arr	13.88	166	Pn	16 48 35.5	-0.5	
WRA	0.2nm,0.3s,baz=347,slow=13,SNR=16				Sn	16 51 01.9	-9.1
WRA	0.2nm,0.3s,baz=358,slow=22,SNR=5.0				Sn	16 51 01.9	-9.1
ASAR	Alce Springs	17.42	171	P	16 49 22.2	-0.2	
ASAR	0.1nm,0.3s,baz=350,slow=9.5,SNR=14				Pn	16 49 22.2	-0.2
MKAR	Makanchi Array	68.20	326	P	16 56 20.8	+0.6	
MKAR	0.2nm,0.4s,baz=112,slow=6.9,SNR=3.2				Pn	16 56 20.8	+0.6
<p>IDC 14 16:49:05.2,2.0,7.44N:93.89E,h0km,3b.7/6,mb1 3.6/7, mb1mx3.5/4,mbtmp3.77,ML4.0/1,Error ellipse: s-maj=76.0km s-min=20.0km az=62.0</p>							
<p>ISC 14 16:49:10.2,0.9,7.6N:0.1,94.2E,0.2,h20km,n11,+1934/9, mb3.6/6,Nicobar Islands region</p>							
Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s ISC
CMBY	CAMPBELL BAY	0.68	207	eP	16 49 24.9	+0.2	
CMBY	0.3nm,0.3s,baz=213,slow=14,SNR=10				Pn	16 49 35.8	+1.1
CMAR	Chiang Mai Arr	11.71	23	Pn	16 51 58.4	+2.1	
CMAR	0.3nm,0.3s,baz=213,slow=14,SNR=10				Pn	16 51 58	

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PPT2, PPT, URIC, CCIG, TLIG, RCBR, MLPR, CRPR, ICMF, MPR, OBIP, PDRP, SJG, AGPR, AOPR, GPCR, CBYP, CUPR, SYO, ZAIG, MSWV, URZ, THZ, NNZ, PYZ, HPIG, RAO, MAW, MAW, HKT, TX31, TX32, TXAR, TXAR, TXAR, NATX, WHTX, INTX, 152A, LRAL, 319A, Z50A, 251A, GOGA, NHSC, 121A, OXF, TUC, MIAR, MIAR, 214A, HODGE, MSTX, X53A, X34A, X55A, X54A, PLAL, X56A, WMOK, W45A, W41B, W41B, W39A, W39A, BIRD, WHAR, PAULI, SWET, BG3, W50A, FCAR, FCAR, TKL.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TKL, LCAR, V52A, WLT, CLTN, ANMO, ANMO, HHAR, HHAR, U38A, U38A, X18A, X18A, Y14A, X16A, X16A, U32A, Y12C, TZTN, TZTN, BC3, MGMO, TPFO, XPFO, XPFO, PFO, PFO, PFO, IRM, BELC, WUJZ, WUJZ, USIN, CCM, CCM, T25A, T25A, GMR, MWC, MWC, HEC, WCI, WCI, R50A, OLIL, OLIL, MVCO, MVCO, U15A, SDGC, SDGC, GSC, GSC, R55A, S22A, CBKS, CBKS, KNB, SHPR, SHPR, LCMT, ISA, ISA, PV05, PV05, PV13, PKCU, PV02, PV03, PV18, PV15, PV17, PV17, PV11, PV12, PV12, PV16, PV16, PV19, Q24A, PV20, PV07, PV04, PV04, PV14, PV14, PV10, PV23, SZCU, CCUT, PV22, PV09, TPNV, TPNV, MTPU, O49A, SMCO, SMCO, O51A, MSU.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TCRU, Q18A, SRU, SRU, PMUT, PMUT, R11A, R11A, R11A, R11A, R11A, OMMB, N23A, N23A, L40A, MPU, NLU, NV11, NV11, NVAR, NVAR, NVAR, RDMU, CMB, RYN, RYN, DUG, DUG, DUG, JLU, KACV, SACV, JFWF, RWWY, YERR, YERR, TCUT, PNTR, BGR, RUBR, VCNR, VCNR, AFDM, AFDM, SPUT, ELKO, ELKO, HWUT, HWUT, PAHR, PAHR, K22A, SDHH, HATH, HATH, OBL, UWB, WRMH, ECSD, ECSD, K58A, DZM, BEKR, ORV, ORV, BW06, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, AHD, AHD, RSSD, RSSD, REDW, REDW, SNOW, SNOW, NCB, TPAP, TPAP, SADO, WDC, WDC, FWXY, MOD, MOD, WVOR, YPP, H17A, H17A, LKWW, LKWW, YNR, YNR, YNR, YBH, YBH, YBH, YHH, YHL, GLMT, JOBA, JOBA, MCMT, DLMT, DLMT, LAO, LAO, D53A, D53A, D55A, G08A, G08A, P01, MISO, MISO, DGMT, E08A, E08A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAWA Hanford, Sunny, E07A Wollman Farm, etc.

WEL 14 17:37:07.6±0.8,35°S±5.1'±18'0W±1'0, h33km, M4.1/11, M4.4/11, MLv4.1/11, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, PKGZ Pakihiroa, etc.

ISC 14 17:43:25.1±1.6,41°50S:91°19W, h0km, mb3.9/4, mb1.4/2.4, mb1mx3.9/29, mbtmp3.9/4, MS4.1/7, Ms1.4/1.7, ms1mx3.7/23, Error ellipse: s-maj=61.5km s-min=35.5km az=162.0

NEIC 14 17:43:28.0±1.2,41°2S:0°1'x91°2W±0.2, h19km±4km, mb4.7/7.7, Error ellipse: s-maj=28.1km s-min=12.8km az=128.0

GCMT 14 17:43:29.0±0.3,41°15S:0°05'±21W±0'0, h19km±1km, MW4.9/7.4, Moment Tensor Solution. s21,c25; s74,c29; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-3.13±.25; Mw=0.36±.15; Mw0=2.78±.16; Mw=0.38±.45; Mw0=0.36±.09; Mw=0.40±.31; Best double couple; M3:0.028000±0.1016; NP1:±165.00000°; ±42.000000°; ±-100.000000°; NP2: ±359.000000°; ±49.000000°; ±-81.000000°; Principal axes: T 2.8520, P1g3.00000°, Azm82.00000°; N 0.3590, P1g7.00000°, Azm173.00000°; P -3.2030, P1g62.00000°, Azm327.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 17:43:27.3±0.8,41°2S:0°1'x91°3W±0'2, h10km±n26, ±109/17, mb4.4/7, MS4.1/8, Southeast of Easter Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, PDAR Pinedale Array, etc.

ISC 14 17:49:20.5±0.4,0°02S:67°10E, h0km, mb4.4/31, mb1.4/5.32, mb1mx4.4/7.01, mbtmp4.4/32, ML5.2/1, MS4.3/25, Ms1.4/3.25, ms1mx4.2/39, Error ellipse: s-maj=13.8km s-min=11.7km az=150.0

MOS 14 17:49:20.1±1.0,0°06N:67°10E, h10km, mb4.9/20, Error ellipse: n-maj=6.3km s-min=4.7km az=101.5

BUI 14 17:49:21.0±0.0,0°00N:67°20E, h10km, mb5.2/43, mb4.6/48, Ms4.9/33, Ms7.4/634

NEIC 14 17:49:22.1±2.2,0°03S:0°08:67°21E±0'7, h13km±3km, mb5.0/14.9, Error ellipse: s-maj=11.0km s-min=9.6km az=162.0

GCMT 14 17:49:24.0±0.2,0°07S:0°01:67°12E±0'01, h12km, MW5.0/25, Moment Tensor Solution. s70,c92; s25,c203; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=4.52±.07; Mw0=2.92±.07; Mw=1.60±.07; Ms1.87±.24; Ms=1.77±.06; Mw=0.33±.24; Best double couple; Mw=4.725000±0.1016; NP1:±132.000000°; ±35.000000°; ±-76.000000°; NP2:±296.000000°; ±56.000000°; ±-99.000000°; Principal axes: T 4.4850, P1g11.00000°, Azm33.000000°; N 0.4800, P1g8.000000°, Azm301.000000°; P -4.9650, P1g76.000000°, Azm177.000000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 17:49:21.7±0.3,0°01S:0°05:67°18E±0'05, h10km±n489, ±1521/492, mb4.9/15.4, MS4.4/36, 25C-6D, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAAM Kaadhehdhoo, DGAR Diego Garcia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GYA0B ALIBECK ARRAY, BTB Batken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTK Batken, KSH Kashi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LEM Lemang, CISI Cisompet, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSZ Lusaka, SLRN Son La, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAAM Kaadhehdhoo, DGAR Diego Garcia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOSS Diego Garcia H, HO8S1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HO8S2 Diego Garcia H, MNCS1 Minicoy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSEY Mahe Island, MISEY Mahe Island, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPO Poona, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, DAMY Dhamar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPO Ambohidratompo, UOSS Minazif, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUMBO, KMBY Kilima Mbogo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COCO West Island, RPSI Rantau Prapat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULM Kulim, BKN1 Bangkinang, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPM Iloh, KBL Kabul, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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

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

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

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

14d 17h

Table with columns for station name, frequency, and signal strength. Includes stations like BOS, BOSOF, BOS, GAOTAI, etc.

2014 MAR

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

700

Table with columns for station name, frequency, and signal strength. Includes stations like SUW, ARSA, MURB, LJU, SOKA, etc.

14d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDOK, Medeo, CHKK, TNS5, etc.

IDC 14 20:26:19.1s, 3.7, 43.87N, 86.49E, h0km, mb1 3.5/5, mb1mx3.2/5, mbtmp3.5/5, ML3.2/5, Error ellipse: s-maj=14.5km s-min=21.5km az=19.0

ISC 14 20:26:20.1s, 4.3, 33.9N, 0.1, 86.70E, 0.08, h10km, n9, #182/16, 2C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ, MK31, MKAR, etc.

DJA 14 20:30:29.2s, 0.3, 3'S, 4.12'8E, h10km, M3.4/8, MLv3.4/8, IDC 14 20:30:30.8s, 2.7, 3.96S, 126.84E, h0km, mb3.2/2, mb1 3.4/3, mb1mx3.1/47, mbtmp3.2/3, ML3.0/1, Error ellipse: s-maj=361.2km s-min=27.1km az=65.0

ISC 14 20:30:29.4s, 1.0, 3.30S, 0.08, 128.43E, 0.05, h10km, n9, #146/13, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAI, MSAI, NLA1, etc.

BUI 14 20:32:08.0s, 0.0, 53.66S, 25.47E, h8km, mB5.9/2, mB5.3/4, M5.4/8, M5.7 5.1/6

2014 MAR

IDC 14 20:32:08.7s, 0.3, 53.49S, 25.37E, h0km, mb4.9/26, mb1 5.0/26, mb1mx4.9/34, mbtmp4.9/26, MS4.7/25, MS1 4.7/25, ms1mx4.6/30, Error ellipse: s-maj=13.8km s-min=8.5km az=76.0

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

IDC 14 20:32:09.6s, 1.4, 53.51S, 0.09, 25.2E, 0.0, h11km, 3km, mb5.3/71, Mw5.5/10, Mw5.5(GCMT), Error ellipse: s-maj=14.8km s-min=13.3km az=106.0

ISC 14 20:32:09.7s, 0.2, 53.56S, 0.05, 25.34E, 0.07, h10km, n317, #158/311, mB5.3/66, MS4.9/35, 1C-3D, South of Africa

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

IDC 14 20:32:09.6s, 1.4, 53.51S, 0.09, 25.2E, 0.0, h11km, 3km, mb5.3/71, Mw5.5/10, Mw5.5(GCMT), Error ellipse: s-maj=14.8km s-min=13.3km az=106.0

704

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

Table with columns for station name, coordinates, and various data points. Includes stations like LPAZ La Paz, MNAI Manna, CISI Cisompet, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like KMI comp=Z,200nm,10.3s, TBI Tubuai, AAK Ala-Archa, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like HWUT Hardware Ranch, ISA Isabella, Lake, R11A Troy Canyon, etc.

IASPEI 14 20:43:35.7, 0.9, 47.54N, 0.02, 122.76W, 0.02, h26km, 6km, Error ellipse: s-maj=3.4km s-min=2.8km az=76.7, 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, <S>Seism. Res. Let., >80-, 465-472, 2009

ANF 14 20:43:35.5, 0.4, 47.56N, 122.82W, h29km, 4km, ML2.8/7, Error ellipse: s-maj=6.2km s-min=2.7km az=101.0, NEIC 14 20:43:35.3, 1.2, 47.56N, 0.03, 122.80W, 0.03, h18km, 2km, Error ellipse: s-maj=4.7km s-min=3.2km az=180.0, PNSN 14 20:43:36.8, 47.51N, 122.78W, h22km, MD2.6, Fault plane solution: NPT1: 140.00000, 550.00000, 130.00000, Hypocentre not reviewed by the ISC

SEA 14 20:43:36.7, 47.52N, 122.78W, h22km, ML2.6, ML2.0/16, Washington

ISC 14 20:43:35.9, 0.9, 47.55N, 0.02, 122.78W, 0.02, h27km, 5km, 172, 08/99/7, Washington

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes stations like GNW Green Mountain, D03D Eldon, HDW Hoodsport, etc.

D58A	Chemin du LacG	49.38	6	P	P	21 02 33.2 -0.2
SUSD	Miller	49.42 342	P	P	21 02 33.3 -0.6	
SUSD	Miller	49.42 342	P	P	21 02 33.5 -0.3	
D60A	Saint Jean D'O	49.44	8	P	P	21 02 34.4 +0.5
O20A	White River Ci	49.46 331	P	I Amb	21 02 35.2 +0.8	
O20A	White River Ci	49.46 331	P	I Amb	21 02 36.5	
O20A	White River Ci	49.46 331	P	P	21 02 35.1 +0.7	
E64A	Bridgewater	49.47 11	P	P	21 02 34.3 +0.3	
BELC	Belle Mtn. Jos	49.51 320	P	P	21 02 35.6 +0.8	
XPFO	Pion Flat	49.57 319	P	I Amb	21 02 35.4 +0.1	
XPFO	Pion Flat	49.57 319	P	I Amb	21 02 37.9	
PFO	Pinyon Flats O	49.57 319	P	P	21 02 36.9 +1.6	
PFO	Pinyon Flats O	49.57 319	P	I Amb	21 02 37.0 +1.7	
PFO	Pinyon Flats O	49.57 319	P	I Amb	21 02 37.9	
PFO	Pinyon Flats O	49.57 319	P	P	21 02 36.6 +1.3	
LMN	Kaledonia Moun	49.57 14	P	P	21 02 35.1 +0.2	
KNB	Canabed	49.58 325	P	P	21 02 37.4 +2.0	
D41A	Chassel	49.58 352	P	P	21 02 37.7 +1.2	
PKCU	Pink Cliffs	49.59 326	P	P	21 02 37.6 +0.2	
LATQ	La Tuque	49.67 6	P	I Amb	21 02 35.5 -0.2	
LATQ	La Tuque	49.67 6	P	I Amb	21 02 36.2	
LATQ	La Tuque	49.67 6	P	P	21 02 35.1 -0.5	
GMRC	Granite Mounta	49.79 321	P	P	21 02 38.4 +1.4	
LCMT	Little Creek M	49.81 325	P	P	21 02 38.0 +0.9	
SRU	San Rafael Swe	49.83 329	P	PcP	21 02 37.7 +0.5	
D61A	St Aubert, Com	49.83 9	P	P	21 02 36.3 -0.4	
D62A	Allapoint, All	49.89 10	P	I Amb	21 02 37.6 +0.3	
D62A	Allapoint, All	49.89 10	P	P	21 02 37.6 +0.3	
MTPU	Mount Pierson	49.94 326	P	PcP	21 02 39.3 +1.0	
MTPU	Mount Pierson	49.94 326	P	PcP	21 03 57.8 +0.4	
D63A	Stockholm	50.01 10	P	P	21 02 38.3 +0.1	
Q16A	Castle Valley	50.02 328	P	P	21 02 39.2 +0.5	
MURC	Murrieta	50.05 319	P	P	21 02 40.1 +1.3	
VLD0	Val d'Or	50.06 2	PcP	PcP	21 03 57.2 +0.2	
ZSCU	Shurtz Canyon	50.13 325	P	P	21 02 41.2 +1.6	
P17A	Butcher Ranch,	50.21 329	P	P	21 02 40.6 +0.5	
RWWY	Ravins	50.21 333	P	P	21 02 40.1 -0.1	
HEC	Hector Ludlow	50.25 320	P	P	21 02 42.0 +1.6	
CCUT	Cedar City	50.26 325	P	P	21 02 42.4 +1.8	
BBRC	Big Bear Solar	50.27 319	P	P	21 02 41.9 +1.2	
MSU	Marysvalde	50.27 327	P	PcP	21 02 41.1 +0.5	
MSU	Marysvalde	50.27 327	P	PcP	21 03 59.2 +0.8	
TMUT	Trail Mountain	50.32 328	P	P	21 02 41.9 +0.7	
TDUQ	Turquoise Moun	50.38 321	P	P	21 02 42.7 +1.4	
RDMU	Red Mountain	50.44 331	P	PcP	21 02 42.4 +0.5	
RDMU	Red Mountain	50.44 331	P	PcP	21 03 58.8 -0.3	
TCRU	Three Creeks R	50.49 327	P	P	21 02 43.9 +1.6	
SCI2	San Clemente I	50.58 317	P	P	21 02 44.1 +1.3	
SHPR	Sheep Range	50.60 323	P	I Amb	21 02 44.6 +1.5	
SHPR	Sheep Range	50.60 323	P	I Amb	21 02 45.8	
BATG	Bathurst New B	50.64 12	P	P	21 02 43.4 +0.4	
BFSC	Mount Baldy Ra	50.74 319	P	P	21 02 45.4 +1.2	
GSC	Goldstone, Bar	50.85 321	P	P	21 02 46.2 +1.4	
GSC	Goldstone, Bar	50.85 321	P	P	21 02 46.4 +1.6	
SHOC	Shoshone Teco	50.89 322	P	P	21 02 47.1 +2.0	
RSSD	Black Hills	50.90 338	P	I Amb	21 02 46.8 +1.6	
RSSD	Black Hills	50.90 338	P	I Amb	21 02 47.1	
RSSD	Black Hills	50.90 338	P	P	21 02 45.9 +0.7	
EYMN	Ely	50.90 350	P	P	21 02 43.5 -1.3	
EYMN	Ely	50.90 350	P	I Amb	21 02 44.3 +0.5	
EYMN	Ely	50.90 350	P	PcP	21 03 59.9 -0.4	
EYMN	Ely	50.90 350	P	P	21 02 43.6 -1.3	
MWC	Mount Wilson	50.99 319	P	P	21 02 47.1 +1.0	
LSQQ	Lebel-sur-Quev	51.03 2	P	P	21 02 44.2 -1.6	
PASC	Pasadena Art C	51.05 319	P	I Amb	21 02 47.3 +1.0	
PASC	Pasadena Art C	51.05 319	P	I Amb	21 02 48.9	
MPU	Maple Canyon	51.07 329	P	P	21 02 46.7 0.0	
PSUT	Pine Spring	51.22 326	P	P	21 02 49.0 +1.3	
NLU	North Lily Min	51.26 328	P	P	21 02 48.1 +0.1	
EDW2	Edwards Air Fo	51.35 319	P	P	21 02 49.7 +1.1	
GO10	Punta Arenas	51.38 173	P	P	21 02 48.6 +0.1	
JLU	Jordanelle	51.41 329	P	P	21 02 49.6 +0.4	
LRMC	Laurel Mtn Rad	51.52 320	P	P	21 02 51.4 +1.5	
TPNV	Topopah Spring	51.55 323	P	I Amb	21 02 51.6 +1.4	
TPNV	Topopah Spring	51.55 323	P	I Amb	21 02 53.1	
TPNV	Topopah Spring	51.55 323	P	P	21 02 51.9 +1.7	
BLG	Laguna Peak, P	51.59 318	P	P	21 02 51.8 +1.4	
FURC	Furnace Creek,	51.62 322	P	P	21 02 52.4 +2.0	
CTU	Camp Tracy	51.63 329	P	P	21 02 51.9 +1.2	
MATQ	Matagami	51.70 2	P	P	21 02 48.6 -2.3	
MPMC	Manual Propsec	51.75 321	P	P	21 02 52.8 +1.0	
TCUT	Toone Canyon	51.77 330	P	P	21 02 52.6 +0.8	
TCUT	Toone Canyon	51.77 330	P	PcP	21 04 02.4 -1.6	
DUG	Dugway, Tooele	51.82 328	P	P	21 02 53.0 +0.8	
DUG	Dugway, Tooele	51.82 328	P	P	21 02 53.4 +1.2	
SCV2	Santa Cruz Isl	51.91 317	P	P	21 02 56.0 +3.3	
ARVN	Arvin	52.04 319	P	P	21 02 55.7 +2.0	
R11A	Troy Canyon, C	52.08 324	P	I Amb	21 02 55.4 +1.2	
R11A	Troy Canyon, C	52.08 324	P	I Amb	21 02 56.9	
R11A	Troy Canyon, C	52.08 324	P	P	21 02 55.6 +1.4	
PD31	Pinedale Arroy	52.13 332	P	PcP	21 02 54.3 -0.2	
PD31	Pinedale Arroy	52.13 332	P	PcP	21 04 04.3 -0.9	
PDAR	Pinedale Arroy	52.13 332	P	PcP	21 02 54.7 +0.2	
PDAR	Pinedale Arroy	52.13 332	P	PcP	21 04 04.9 -0.4	
PDAR	Pinedale Arroy	52.13 332	P	P	21 02 54.1 -0.3	
PDAR	Pinedale Arroy	52.13 332	P	P	21 04 04.3 -0.9	
AGMN	Agassiz Nation	52.13 346	P	I Amb	21 02 53.3 -0.7	
AGMN	Agassiz Nation	52.13 346	P	I Amb	21 02 54.0	
AGMN	Agassiz Nation	52.13 346	P	PcP	21 04 03.5 -1.3	
AGMN	Agassiz Nation	52.13 346	P	P	21 02 53.5 -0.6	
BW06	Boulder Array	52.13 332	P	P	21 02 53.8 -0.8	
BW06	Boulder Array	52.13 332	P	P	21 04 03.4 -1.9	
BW06	Boulder Array	52.13 332	P	P	21 02 54.2 -0.3	
ISA	Isabella, Lake	52.14 320	P	P	21 02 55.8 +1.3	
ISA	Isabella, Lake	52.14 320	P	P	21 02 55.9 +1.5	
HWUT	Hardware Ranch	52.22 330	P	I Amb	21 02 55.4 +0.4	
HWUT	Hardware Ranch	52.22 330	P	I Amb	21 02 56.6	
HWUT	Hardware Ranch	52.22 330	P	PcP	21 04 04.7 -0.8	
CWC	Cottonwood Cre	52.37 321	P	P	21 02 57.4 +1.1	

SPUT	South Promonto	52.44 329	P	P	21 02 57.1 +0.4
BGU	Big Grassy Mou	52.46 328	P	P	21 02 56.8 -0.1
PKM	Mpherson Peak	52.55 318	P	P	21 02 58.9 +1.2
VES	Vestal, Richgr	52.64 320	P	P	21 02 59.7 +1.7
MDND	Maddock	52.69 343	P	P	21 02 58.5 +0.3
MDND	Maddock	52.69 343	P	P	21 02 58.7 +0.5
TIN	Timemaha, Big	52.84 321	P	P	21 03 01.8 +2.1
AHID	Auburn Hatcher	52.86 331	P	P	21 02 59.3 -0.6
REDW	Red Top Meadow	53.19 332	I Amb	I Amb	21 03 02.8 +0.5
REDW	Red Top Meadow	53.19 332	I Amb	I Amb	21 03 04.0
SNOW	Snow King Moun	53.23 332	P	P	21 03 03.2 +0.6
PAGB	Antelope Grade	53.34 319	P	I Amb	21 03 02.7 -0.6
PAGB	Antelope Grade	53.34 319	P	I Amb	21 03 08.6
TPAW	Teton Pass	53.34 332	P	P	21 03 02.8 -0.7
TPAW	Teton Pass	53.34 332	P	I Amb	21 03 08.9
FXWY	Fox Creek	53.49 332	P	P	21 03 04.0 -0.5
ELK	Elko	53.52 327	P	P	21 03 05.5 -0.7
ELK	Elko	53.52 327	P	P	21 04 10.4 -0.2
ELK	Elko	53.52 327	P	P	21 03 05.2 -1.0
ELK	Elko	53.52 327	P	P	21 03 05.3 +0.6
ELK	Elko	53.52 327	P	P	21 04 09.8 -0.7
NV11	Mina Array Sit	53.66 323	P	I Amb	21 03 08.4 +0.7
NV11	Mina Array Sit	53.66 323	P	I Amb	21 03 08.3
OMMB	Old Mammoth Mi	53.67 321	P	P	21 03 07.5 +1.5
FLWY	Flagg Ranch	53.68 333	P	I Amb	21 03 05.9 +0.1
FLWY	Flagg Ranch	53.68 333	P	I Amb	21 03 07.1
MDPB	Devils Postpil	53.73 321	P	P	21 03 07.3 +0.9
NVAR	Mina Array Bea	53.75 323	P	P	21 03 08.3 +1.8
NVAR	Mina Array Bea	53.75 323	P	P	21 04 12.1 +0.6
NVAR	Mina Array Bea	53.75 323	P	P	21 03 07.4 +0.9
NVAR	Mina Array Bea	53.75 323	P	P	21 04 11.2 -0.3
RLMT	Red Lodge	53.85 334	P	P	21 03 07.0 -0.1
RLMT	Red Lodge	53.85 334	P	P	21 03 07.5 +0.4
YPP	Pitchstone Pla	53.87 333	P	P	21 03 07.6 +0.2
LKWY	Lake	53.91 333	P	P	21 03 08.3 +0.7
ULM	Lac du Bonnet	53.97 347	P	P	21 03 06.5 -1.0
ULM	Lac du Bonnet	53.97 347	P	P	21 03 07.3 -2.1
ULM	Lac du Bonnet	53.97 347	P	P	21 03 06.7 -1.0
ULM	Lac du Bonnet	53.97 347	P	P	21 03 06.1 -1.4
ULM	Lac du Bonnet	53.97 347	P	P	21 03 27.1 -2.3
PMPB	Monarch Peak	53.98 319	P	P	21 03 09.1 +1.1
RYN	Ryan	54.01 323	P	I Amb	21 03 09.3 +1.0
RYN	Ryan	54.01 323	P	I Amb	21 03 10.7
KVN	Kaiserville	54.03 323	P	I Amb	21 03 09.0 +0.5
KVN	Kaiserville	54.03 323	P	I Amb	21 03 10.5
YNE	Yellowstone No	54.08 334	P	P	21 03 09.1 +0.3
YNR	Norris Junctio	54.16 333	P	P	21 03 08.6 -0.8
YMR	Madison River	54.25 333	P	P	21 03 10.3 +0.3
YHB	Holmes Hill	54.29 333	P	P	21 03 11.6 +1.2
YHB	Horse Butte	54.42 333	P	P	21 03 11.4 +0.2
YHL	Hebgen Lake	54.49 333	P	P	21 03 13.2 +1.3
OLMT	Ogish Lake Lak	54.59 333	P	P	21 03 13.4 +1.0
YERR	Yerington	54.63 323	P	P	21 03 14.3 +1.2
CMB	Columbia Colle	54.80 321	P	P	21 03 14.6 +0.7
PNTR	Pine Nut	54.95 322	P	I Amb	21 03 16.6 +1.4
PNTR	Pine Nut	54.95 322	P	I Amb	21 03 17.7
VCNR	Virginia City	55.12 323	P	I Amb	21 03 17.6 +1.3
VCNR	Virginia City	55.12 323	P	I Amb	21 03 18.8
PAHR	Pah Rah Range	55.21 323	P	I Amb	21 03 17.7 +0.7
PAHR	Pah Rah Range	55.21 323	P	I Amb	21 03 49.5
MCMT	McKenzie Canyo	55.24 322	P	P	21 03 17.8 +0.6
RUBR	Rubicon Trail	55.27 322	P	I Amb	21 03 18.3 +0.8
RUBR	Rubicon Trail	55.27 322	P	I Amb	21 03 22.5
DLMT	Dillon	55.53 332	P	P	21 03 19.4 +0.3
MFID	Camas Rang	55.70 329	P	I Amb	21 03 20.8 +0.5
MFID	Camas Rang	55.70 329	P	I Amb	21 03 22.5
MFID	Camas Rang	55.70 329	P	sP	21 03 50.3 -1.9
AFDM	Forest Hills D	55.71 322	P	P	21 03 21.1 +0.7
BEKR	Beckworth	55.90 323	P	I Amb	21 03 23.0 +1.1
BEKR	Beckworth	55.90 323	P	I Amb	21 03 24.3
EGMT	Eggleton	56.37 336	P	P	21 03 24.8 -0.1
EGMT	Eggleton	56.37 336	P	P	21 03 25.4 +0.4
ORV	Oroville	56.41 322	P	P	21 03 26.6 +1.3
O03E	Paynes Creek	57.04 322	P	P	21 03 30.1 +0.2
J08A	Circle Bar Ran	57.06 327	P	I Amb	21 03 30.2 +0.1
J08A	Circle Bar Ran	57.06 327	P	I Amb	21 03 31.3
MOD	Modoc Plateau	57.14 325	P	I Amb	21 03 30.8 +0.1
MOD	Modoc Plateau	57.14 325	P	I Amb	21 03 32.3
MSO	Missoula	57.24 333	P	I Amb	21 03 31.3 +0.1
MSO	Missoula	57.24 333	P	I Amb	21 03 32.9
MSO	Missoula	57.24 333	P	P	21 03 31.3 +0.1
BMO	Blue Mountains	57.46 329	P	P	21 03 32.4 -0.4
O02D	Mt. Diablo Mer	57.57 322	P	P	21 03 33.6 0.0
WDC	Whiskeytown Da	57.66 322	P	P	21 03 33.1 -1.0
SCHO	Schefferville	57.75 9	P	P	

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLCA, PASO PASO, LMELE, etc.

MAN 14 21:43:13.3, 13:60N, 121:76E, h20km, mb4.4, ML3.3, MS3.1, ID, Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BOAC, LQP, GOP, etc.

IDC 14 21:48:43.8, 3.0, 6:39S, 154:93E, h95km, 23km, mb3.6/7, mb1.3/8/10, mb1mx3.6/39, mbmp4.0/10, Error ellipse: s-maj=28.5km s-min=17.2km az=74.0

NEIC 14 21:48:44.5, 0.8, 6:45:0.1, 1:154:9:0E:1.1, h100km, 7km, mb4.1/12, Error ellipse: s-maj=19.3km s-min=14.9km az=196.0

ISC 14 21:48:44.0, 6:38S, 0:09, 154:88E, 0:09, h100km, n31, 0:62/28, mb4.0/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT, EBER, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT, HMR, HNG, etc.

IDC 14 21:50:53.4, 1.2, 33:77N, 4:11W, h0km, mb3.6/4, mb1.3/9/6, mb1mx3.5/48, mbmp3.7/6, ML3.9/2, Error ellipse: s-maj=35.7km s-min=9.8km az=116.0

CNRM 14 21:50:55.5, 33:70N, 4:14W, h11km, IGIL 14 21:50:56.4, 33:87N, 4:10W, h6km, ML3.4

NEIC 14 21:50:56.1, 2.1, 33:80N, 0:04, 13W, 0:06, h18km, 6km, mb4.2/12, Error ellipse: s-maj=7.1km s-min=6.0km az=52.0

MDD 14 21:50:57.6, 1.1, 33:76N, 4:16W, h22km, 22km, mb4.6/4/2, Error ellipse: s-maj=23.2km s-min=5.9km az=1.0, PRXIMO LDG 14 21:50:58.3, 0.5, 34:13N, 3:96W, h10km, MI2.9/4

SFS 14 21:50:58.0, 33:87N, 4:10W, h15km, ML4.4, TAHALA (MARBUCCOS)

INMG 14 21:50:58.6, 2.4, 33:92N, 4:14W, h18km, ML3.3, Error ellipse: s-maj=9.4km s-min=3.8km az=170.0

CRAAG 14 21:50:59.0, 34:09N, 4:19W, M4.0, ISC 14 21:50:56.5, 1.3, 33:93N, 0:04, 4:17W, 0:03, h16km, 9km, n214, 0:28/310, mb4.1/5, 2C-5D, Morocco

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IFR, SICH, CICH, etc.

Code Station Name Azimuth Elevation SNR and other parameters

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ECEU, EALB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ESPR, ESPE, EQU, etc.

PESTR	Estremoz	5.64 332	ePn	Pn	21 52 21.5 +1.8
PESTR			eSn	Sn	21 53 23.6 -0.6
PESTR			A	A	21 53 37.9
EBENZ	Beniará presa	5.72 33	Pn	Pn	21 52 22.0 +1.3
EBENZ			Sn	Sn	21 53 23.1 -2.9
ESDC	Sonsecá Array	5.73 2	ePn	Pn	21 52 23.5 +2.6
ESDC			Sn	Sn	21 53 30.1 +3.7
ESDC	Sonsecá Array	5.73 2	ePn	Pn	21 52 23.2 +2.3
ESDC			Sn	Sn	21 53 24.8 -1.6
ESBB	Sonsecá Array	5.73 2	ePn	Pn	21 52 23.1 +2.1
PMRV	Marv??o	6.07 336	ePn	Pn	21 52 27.2 +1.7
PMRV			eSn	Sn	21 53 33.8 -0.7
PMRV			A	A	21 53 47.1
PMTG	Montargil	6.08 329	Pn	Pn	21 52 25.2 -0.4
PMTG			Sn	Sn	21 53 32.5 -2.3
PMTG	Montargil	6.08 329	ePn	Pn	21 52 25.2 -0.4
PMTG			eSn	Sn	21 53 32.5 -2.3
PMTG			A	A	21 53 47.1
ECHE	Chera	6.20 24	Pn	Pn	21 52 28.7 +1.3
ECHE			Sn	Sn	21 53 34.4 -3.5
EPLA	Plasencia	6.31 347	ePn	Pn	21 52 30.8 +2.0
EPLA			Sn	Sn	21 53 39.2 -1.3
UCM	Universidad Co	6.41 6	Pn	Pn	21 52 32.8 +2.6
UCM			Sn	Sn	21 53 45.9 +3.0
UCM	Universidad Co	6.41 6	eP	Pn	21 52 32.8 +2.6
UCM			eSn	Sn	21 53 45.9 +3.0
PCBR	Castelo Branco	6.46 337	Pn	Pn	21 52 32.7 +1.8
PCBR			Sn	Sn	21 53 42.9 -1.4
PCBR	Castelo Branco	6.46 337	ePn	Pn	21 52 32.7 +1.8
PCBR			eSn	Sn	21 53 42.9 -1.4
PCBR			A	A	21 53 47.9
PMAFR	Mafrá	6.49 322	Pn	Pn	21 52 32.7 +1.4
PMAFR			Sn	Sn	21 53 43.7 -1.2
PMAFR	Mafrá	6.49 322	ePn	Pn	21 52 32.7 +1.4
PMAFR			eSn	Sn	21 53 44.4 -0.6
PMAFR			A	A	21 54 00.3
PTOM	Tomar	6.62 330	Pn	Pn	21 52 34.6 +1.6
PTOM			Sn	Sn	21 53 46.6 -1.5
PTOM	Tomar	6.62 330	ePn	Pn	21 52 34.6 +1.6
PTOM			eSn	Sn	21 53 46.6 -1.5
PTOM			A	A	21 53 49.5
PSBE	So Bento	6.70 328	ePn	Pn	21 52 35.6 +1.5
PSBE			eSn	Sn	21 53 49.1 -1.0
PSBE			A	A	21 53 54.7
GUD	Guadarrama	6.70 0	Pn	Pn	21 52 36.2 +1.9
GUD			Sn	Sn	21 53 51.2 +0.9
EIBI	Ibiza	6.75 40	Pn	Pn	21 52 36.2 +1.4
EIBI			Sn	Sn	21 53 47.9 -3.4
MTE	Manteigas	6.99 338	Pn	Pn	21 52 39.8 +1.5
MTE			Sn	Sn	21 53 58.2 +0.7
MTE	Manteigas	6.99 338	Pn	Pn	21 52 40.0 +1.7
MTE			Sn	Sn	21 53 58.5 +1.0
MTE	Manteigas	6.99 338	ePn	Pn	21 52 39.8 +1.5
MTE			eSn	Sn	21 53 58.2 +0.7
MTE			A	A	21 54 25.3
PCAS	Casmiló, Conde	7.02 332	Pn	Pn	21 52 40.1 +1.5
PCAS			Sn	Sn	21 53 58.0 -0.1
PCAS	Casmiló, Conde	7.02 332	ePn	Pn	21 52 40.1 +1.5
PCAS			eSn	Sn	21 53 58.0 -0.1
PCAS			A	A	21 54 22.6
EMOS	Mosqueruela	7.06 24	Pn	Pn	21 52 40.9 +1.6
ETOR	Torete	7.08 13	Pn	Pn	21 52 41.4 +2.0
ETOR			Sn	Sn	21 53 56.0 -3.5
COI	Coimbra	7.12 333	Pn	Pn	21 52 41.9 +1.9
COI			Sn	Sn	21 52 41.9 +1.9
COI	Coimbra	7.12 333	Pn	Pn	21 52 44.8 +1.1
PVIS	Viseu	7.39 337	Pn	Pn	21 54 06.2 -1.0
PVIS			Sn	Sn	21 52 44.8 +1.1
PVIS	Viseu	7.39 337	ePn	Pn	21 54 06.2 -1.0
PVIS			eSn	Sn	21 54 21.1
PVIS			A	A	21 54 21.1
MVO	Moncorvo	7.57 343	Pn	Pn	21 52 48.0 +1.8
MVO			Sn	Sn	21 54 09.3 -2.3
MVO	Moncorvo	7.57 343	ePn	Pn	21 52 48.0 +1.8
MVO			eSn	Sn	21 54 09.3 -2.3
MVO			A	A	21 54 25.0
PVRL	Vila Real	7.85 340	Pn	Pn	21 52 51.2 +1.2
PVRL			Sn	Sn	21 54 14.9 -3.6
PVRL	Vila Real	7.85 340	ePn	Pn	21 52 51.2 +1.2
PVRL			eSn	Sn	21 54 14.9 -3.6
PVRL			A	A	21 54 21.8
ERTA	Horta de San J	7.87 26	Pn	Pn	21 52 52.4 +2.2
ETOS	Mallorca	8.07 42	Pn	Pn	21 52 54.2 +1.1
ETOS			Sn	Sn	21 54 20.8 -3.2
ETOS	Mallorca	8.07 42	Pn	Pn	21 52 54.2 +1.1
PBRG	Bragança	8.12 346	Pn	Pn	21 52 55.7 +2.0
PBRG			Sn	Sn	21 54 24.2 -0.9
PBRG	Bragança	8.12 346	ePn	Pn	21 52 55.7 +2.0
PBRG			eSn	Sn	21 54 24.2 -0.9
PBRG			A	A	21 54 38.4
ECAL	Calabar	8.25 347	Pn	Pn	21 52 57.5 +2.0
ECAL			Sn	Sn	21 54 25.1 -3.2
PCAB	Cabril	8.34 340	Pn	Pn	21 52 58.6 +1.9
PCAB			Sn	Sn	21 54 27.9 -2.7
PCAB	Cabril	8.34 340	ePn	Pn	21 52 58.6 +1.9
PCAB			eSn	Sn	21 54 27.9 -2.7
PCAB			A	A	21 54 54.8
EPOB	Poble	8.49 28	Pn	Pn	21 53 00.3 +1.5
ELOB	Lobios	8.50 340	Pn	Pn	21 53 00.9 +2.0
ELOB			Sn	Sn	21 54 31.0 -3.4
PGAV	Gaviéria, Arco	8.65 339	Pn	Pn	21 53 03.2 +2.2
PGAV			Sn	Sn	21 54 35.9 -2.3
PGAV	Gaviéria, Arco	8.65 339	ePn	Pn	21 53 03.2 +2.2
PGAV			eSn	Sn	21 54 35.9 -2.3
PGAV			A	A	21 54 50.8
EZAM	Zamans	8.94 338	Pn	Pn	21 53 07.0 +2.1
EMIR	Miracle	9.15 28	Pn	Pn	21 53 10.1 +2.4

EORO	Oroz-Betulo	9.22 13	Pn	Pn	21 53 11.6 +2.8
ELAN	Lanestosa	9.30 3	Pn	Pn	21 53 13.2 +3.3
ELAN			Sn	Sn	21 54 49.6 -4.6
EAGO	Agolada(Ponte)	9.37 342	Pn	Pn	21 53 13.0 +2.2
EAGO			Sn	Sn	21 54 51.5 -4.4
ETSF	Etsaut	9.39 16	ePn	Pn	21 53 14.7 +3.6
ETSF			eSn	Sn	21 54 44.4 -1.2
EARI	Arriondas	9.39 355	Pn	Pn	21 53 13.2 +2.1
EARI			Sn	Sn	21 54 52.1 -4.2
CFON	Fontmartina	9.39 32	Pn	Pn	21 53 13.0 +1.8
CSOR	Sort	9.40 26	Pn	Pn	21 53 13.4 +2.1
SJPF	Ste Jean	9.45 12	eP	Pn	21 53 15.1 +3.2
SJPF			eSn	Sn	21 54 45.9 -1.2
EALK	Alkurruntz	9.50 12	Pn	Pn	21 53 14.9 +2.2
EALK			Sn	Sn	21 54 55.3 -3.9
ATE	Arette	9.53 16	Pn	Pn	21 53 17.3 +4.3
EPOE	Ponietova	9.65 347	Pn	Pn	21 53 17.5 +2.7
EPOE			Sn	Sn	21 54 59.0 -4.0
EPF	Esparrós	9.74 20	eP	Pn	21 53 19.0 +3.0
EPF			eSn	Sn	21 54 53.8 -1.1
EMAZ	Mazaricos	9.76 339	Pn	Pn	21 53 18.0 +1.9
EMAZ			Sn	Sn	21 55 00.6 -4.7
PMPT	Porto Santo, M	10.20 269	eSn	Sn	21 55 07.6 -8.5
PMPT			Sn	Sn	21 55 10.5 -5.7
PMAR	Madeira	10.73 267	eP	Pn	21 55 21.9 -7.7
PMAR			A	A	21 55 30.5
PMOZ	Porto Moniz, M	10.95 268	ePn	Pn	21 53 35.4 +2.8
PMOZ			eSn	Sn	21 55 27.9 -6.9
KEST	Kesra	11.25 77	Pn	Pn	21 53 36.7 +0.1
KEST			Sn	Sn	21 55 40.7 -1.3
LFF	La Frestale	11.62 18	eP	Pn	21 53 45.2 +3.6
LFF			Pn	Pn	21 53 45.2 +3.6
CAF	Calviac	11.98 22	ePn	Pn	21 53 43.6 -3.0
CAF			Pn	Pn	21 53 49.1 +2.5
CAF	Calviac	11.98 22	ePn	Pn	21 53 43.6 -3.0
CAF			Pn	Pn	21 53 50.5 -3.8
LMR	La Moure	12.55 38	ePn	Pn	21 53 56.4 +2.1
LMR			Pn	Pn	21 53 50.5 -4.0
LMR	La Moure	12.55 38	ePn	Pn	21 53 56.4 +2.1
LMR			Pn	Pn	21 53 50.5 -4.0
SMRF	Simiane la Rot	12.56 34	ePn	Pn	21 53 59.4 +2.0
SMRF			Pn	Pn	21 54 04.6 +3.9
FRF	La Foret Royal	12.78 38	ePn	Pn	21 54 07.7 +1.7
FRF			Pn	Pn	21 54 02.0 -4.6
MFF	Saint Martin d	13.02 12	Pn	Pn	21 54 08.3 +1.7
MFF			Pn	Pn	21 56 24.9 -1.1
SBF	Sospel	13.40 39	ePn	Pn	21 54 08.3 +1.7
SBF			Pn	Pn	21 56 24.9 -1.1
PGF	Pioggiola	13.44 46	ePn	Pn	21 54 08.3 +1.7
PGF			Pn	Pn	21 56 24.9 -1.1
PGF	Pioggiola	13.44 46	ePn	Pn	21 54 08.3 +1.7
PGF			Pn	Pn	21 56 24.9 -1.1
QUIF	Quistinic	13.99 3	eP	Pn	21 54 16.7 +2.8
QUIF			Pn	Pn	21 54 16.7 +2.8
SGMF	Saint Gilles	14.36 4	ePn	Pn	21 54 21.0 +2.0
SGMF			Pn	Pn	21 54 21.0 +2.0
ROSF	Rostrenen	14.40 2	ePn	Pn	21 54 22.7 +3.1
ROSF			Pn	Pn	21 54 24.8 +1.8
GRR	Gorron	14.65 9	ePn	Pn	21 54 27.1 +1.7
GRR			Pn	Pn	21 54 53.8 -1.6
MSSA	Maissana	14.82 42	Pn	Pn	21 55 00.9 +1.6
BFO	Black Forest	17.15 29	Iamb	Iamb	21 55 19.9
WLF	Walterdange	17.47 23	Iamb	Iamb	21 55 19.9
TIP	Timpagrande	17.60 67	Iamb	Iamb	21 55 00.3 -0.7
TIP			Iamb	Iamb	21 55 50.7
SCTE	Santa Cesarea	19.06 65	P	Iamb	21 55 17.3 -0.7
SCTE			Iamb	Iamb	21 55 48.4
GRA1	Grafenberg Arr	19.42 31	P	Iamb	21 55 22.1 +0.2
GRA1			Iamb	Iamb	21 55 32.1
GERES	GERES Array S	19.97 36	P	P	21 55 28.4 +0.5
GERES	GERES Array B	19.97 36	P	P	21 55 29.1 +1.2
GERES			P	P	21 55 29.3 +1.3
KHC	Kasperske Hory	20.10 36	eP	Pn	21 55 31.1 +1.8
KHC	Kasperske Hory	20.10 36	eP	Pn	21 55 31.2 +1.9
TORD	Tordos Ar. Bea	21.37 164	P	P	21 55 40.5 -2.8
ESK	Eskdalemuir	21.39 2	P	P	21 55 42.0 -1.2
MODS	Modra-Piesok	21.55 42	eP	Pn	21 55 45.4 +0.4
VRAC	Vranov	21.73 39	P	P	21 55 47.2 +0.3
AGG	Agios Georgios	21.87 69	P	Iamb	21 55 50.3 +1.8
AGG			Iamb	Iamb	21 56 13.5
SACV	Santiago Islan	25.79 228	P	P	21 56 28.0 +1.2
BUR08	Buocovina Ar.	25.93 49	P	Iamb	21 56 29.8 +1.9
BUR08			Iamb	Iamb	21 57 24.5
BURAR	Buocovina Array	25.93 49	P	P	21 56 27.8 -0.2
TIRR	Tirgusor	27.18 58	P	P	21 56 39.1 -0.4
FINES	FINES Array B	33.65 26	P	P	21 57 35.7 -0.4
FINES			P	P	21 57 35.7 -0.4

THE 14 21:55:05.9, 37.57N-25.65E, h5km, 2km, ML2.7/9, Error ellipse: s-maj=2.8km s-min=0.7km az=126.0
 ATH 14 21:55:05.1, 37.55N-25.64E, h27km, 1km, ML2.7/8, Error ellipse: s-maj=1.5km s-min=0.8km az=134.0
 DDA 14 21:55:07.5, 37.59N-25.74E, h4km, 5km, ML2.0
 ISC 14 21:55:05.7, 1.0, 37.56N-0.02-25.66E, h8km, 10km, n56, c080/80, Dodecanese Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TNSA	Tinos	0.39	267	Op	ISC	h m s ISC
TNSA				P	Pg	21 55 19.7 +0.3
TNSA				S	Sg	21 55 19.0 +0.5
TNSA				AML	AML	21 55 19.3
TNSA				AML	AML	21 55 19.3
APE	Apeiranthos	0.50	192	P	Pg	21 55 15.5 0.0
APE				P	Pg	21 55 15.4 0.0
APE				S	Sg	21 55 23.0 +0.4
APE				AML	AML	21 55 27.6
APE				AML	AML	21 55 28.7
AMGA	Amorgos Island	0.75	165	P	Pg	21 55 20.0 -0.2
AMGA				S	Sb	21 55 31.4 0.0
AMGA	Amorgos Island	0.75	165	P	Pg	21 55 20.0 -0.2
AMGA				S	Sg	21 55 30.3 +0.4

mb1 5.0/33, mb1mx4.9/48, mbtmp4.9/33, MS4.6/26,
 M51 4.6/26, ms1mx4.4/48, Error ellipse: s-maj=15.3km
 s-min=13.4km az=149.0
 NEIC 14 22:49:56.3±1.8, 23.31S; 0.07±175.18W; 0.09, h10km, 1km,
 mb4.9/135, Error ellipse: s-maj=14.3km s-min=12.0km
 az=106.0
 MOS 14 22:49:58.1±1.1, 23.22S; 175.42W, h26km, mb5.1/17,
 Error ellipse: s-maj=12.6km s-min=9.8km az=129.5
 GCMT 14 22:49:58.3±0.2, 23.49S; 0.02±174.77W; 0.01, h15km,
 MW5.1/130, Moment Tensor Solution. s68,c103,
 s130,c197. Duration: 0. Moment tensor: Scale 1016Nm;
 Mw=4.71±.15; Mw=4.72±.10; Mw=3.43±.56
 Mw=1.49±.07; Mw=1.27±.19; Best double couple:
 M=4.886000×10¹⁶ Np1.7±.211.00000°, δ32.00000°
 .197.00000°. NP2±22.00000° δ58.00000° .186.00000°
 Principal axes: T 5.2610, Plg76.0000°, Azm279.0000°; N
 -0.5390, Plg4.0000°, Azm25.0000°; P -4.7120,
 Plg13.0000°, Azm116.0000°. nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
 BUJ 14 22:49:58.0±0.0, 23.00S; 174.99W, h26km, mb5.6/23,
 mb5.4/48, Ms5.2/27, Ms5.7/42, 9.2/27
 ISC 14 22:49:56.7±0.7, 23.37S; 0.06±175.26W; 0.07, h14km, 3km,
 h14km P-P, nsta1, mb5.0/116, MS4.7/37,
 48C-14D, Tonga Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h	s
RAO	Raoul Island	6.32	202	P	Pn	22 51 25.7	-3.8
RAO	Raoul Island	6.32	202	Pn	Pn	22 51 25.7	-3.8
NIUE	Niue	6.56	50	P	Pn	22 51 25.6	-7.1
MSFV	Nonsavu	8.41	311	iP	P	22 51 58.3	+0.3
MSFV	Nonsavu	8.41	311	P	Pn	22 51 58.5	+0.2
AFI	Afiatapu	9.97	20	Pn	Pn	22 52 13.8	-6.0
AFI	7.6nm, 0.3s, baz=61, slow=2.9, SNR=11			Sn	Sn	22 53 55.9	-16
RAR	Rarotonga	14.49	84	P	Pn	22 53 13.0	-8.5
RAR	comp=2.3um, 20.0s, baz=260, slow=34			LR	LR	22 58 13.1	
RAR	Rarotonga	14.49	84	P	Pn	22 53 14.0	-7.5
FUNA	Funafuti	15.69	339	Pn	Pn	22 53 38.4	+0.9
URZ	Urewera	16.93	271	P	Pn	22 53 48.1	+1.0
URZ	0.5nm, 0.3s, baz=5.4, slow=2.6, SNR=5.0			Sn	Sn	22 56 31.7	-12
URZ	0.4nm, 0.3s, baz=338, slow=23, SNR=4.7			LR	LR	22 58 45.7	
URZ	comp=2.541nm, 21.5s, baz=310, slow=33			LR	LR	22 53 54.5	
URZ	Urewera	16.21	202	iAmb	iAmb	22 53 54.5	
DZM	Mont Dzumac	16.93	271	eP	P	22 53 56.4	+1.0
DZM	comp=2.224nm, 1.4s			eLR	LR	22 58 05.3	
DZM	Mont Dzumac	16.93	271	Pn	Pn	22 53 56.3	+0.9
DZM	comp=2.0.9nm, 0.3s, baz=86, slow=17, SNR=12			P	P	22 53 54.7	-0.8
DZM	Mont Dzumac	16.93	271	P	Pn	22 54 15.9	+1.1
BFZ	Birch Farm	18.68	201	P	iAmb	22 54 18.6	
BFZ	comp=2.52nm, 0.9s			P	P	22 54 26.0	+0.7
MSWZ	Mokua Station	19.67	202	P	P	22 54 39.9	+1.5
KHZ	Kaitiara	21.16	203	P	P	22 55 07.1	+1.1
OXZ	Oxford	22.50	205	P	P	22 55 07.4	+1.1
FOZ	Fox Glacier	23.88	208	P	P	22 55 07.4	+0.5
FOZ	comp=2.32nm, 0.9s			eLQ	LQ	22 59 30.9	
TBI	Tubuai	23.67	95	eLQ	LQ	23 00 29.0	
TBI	comp=2.1um, 27.8s			eLR	LR	23 00 29.0	
PPT2	Papeete2	24.72	81	eLQ	LQ	22 59 55.0	
PPT2	comp=2.2um, 24.2s			eLR	LR	23 00 51.9	
PPT	Papeete	24.72	81	P	P	23 02 45.1	
PPT	comp=2.3um, 21.8s, baz=248			LR	LR	22 55 28.0	+0.8
MLZ	Mavora Lakes	25.78	208	P	iAmb	22 55 28.5	
MLZ	comp=2.44nm, 1.1s			P	P	22 55 31.7	+0.2
WHZ	Wether Hill Ro	26.27	207	P	iAmb	22 55 32.5	
WHZ	comp=2.36nm, 1.2s			P	P	22 55 31.7	+0.2
DCZ	Deep Cove	26.27	209	P	iAmb	22 55 33.5	
DCZ	comp=2.21nm, 1.0s			LR	LR	23 06 07.3	
HNR	Honiara	27.47	96	LR	LR	23 06 07.3	
EIDS	Eidsvold	30.68	259	P	P	22 56 11.5	+0.3
RMQ	Roma	32.72	257	P	P	22 56 30.5	+1.4
YNG	Young	33.49	234	P	P	22 56 36.3	+0.6
CMSA	Cobar Meteorol	35.45	248	P	P	22 56 52.5	-0.2
CTA	Charters Tower	35.84	268	P	P	22 56 56.1	-0.1
TOO	Toolangi	36.40	238	P	P	22 57 01.7	+0.8
TAE	Nuku Hiva Isla	36.56	73	eLR	LR	23 06 15.9	
QLP	Quilpie	36.76	256	P	P	22 57 04.3	+0.4
KRVT	Keravat (AS076)	36.83	296	P	P	22 57 02.9	-1.8
PMG	Port Moresby	38.50	285	P	P	22 57 17.8	-1.0
PMG	Port Moresby	38.50	285	ceP	pmx	22 57 18.2	-0.7
PMG	comp=2.285nm, 1.0s			P	P	22 57 18.3	-0.5
STKA	Stevens Creek	38.95	248	P	P	22 57 22.5	0.0
STKA	comp=2.8.4nm, 1.0s, baz=86, slow=11, SNR=6.7			LR	LR	23 13 08.9	
STKA	Stevens Creek	38.95	248	P	P	22 57 21.6	-0.8
STKA	comp=2.1um, 18.2s, baz=83, slow=36			LR	LR	23 18 10.1	
STKA	Stevens Creek	38.95	248	pmx	pmx	22 57 22.4	0.0
STKA	comp=2.3.0nm, 1.1s			P	P	22 57 22.4	0.0
HTT	Hallett	41.25	245	P	P	22 57 41.1	-0.5
QIS	Mount Isa	41.83	265	P	P	22 57 45.9	-0.6
BBOO	Bucklebo	43.65	246	P	P	22 58 01.1	0.0
ASAR	Alice Springs	46.41	259	P	P	22 58 22.6	-0.7
ASAR	Alice Springs	46.41	259	P	P	22 58 21.5	-1.7
WB2	Warramunga Arr	46.77	264	P	P	22 58 25.1	-1.0
WRAB	Tennant Creek	46.77	264	ceP	pmx	22 58 25.2	-0.9
WRAB	comp=2.28nm, 1.2s			P	P	22 58 25.7	-0.4
WRA	Warramunga Arr	46.79	264	P	P	22 58 24.4	-1.8
WRA	comp=2.13nm, 1.0s, baz=89, slow=5.9, SNR=27			LR	LR	23 18 10.1	
WRA	Warramunga Arr	46.79	264	ceP	P	22 58 24.3	-1.9
WRA	comp=2.13nm, 1.0s			pmx	pmx	22 58 24.6	-1.6
HDK	Haleakala	47.52	24	P	P	22 58 32.4	-0.4
KDU	Kakadu	50.59	273	P	P	22 58 54.4	-1.1
MTN	Manton Dam	51.77	272	P	P	22 58 56.7	-7.7
KNRA	Kunururra	53.05	268	P	P	22 59 13.0	-0.8
GUMG	Guam	53.59	309	LR	LR	23 01 29.0	
FITZ	Fitzroy Crossi	55.21	264	P	P	22 59 30.0	+0.5
FITZ	Fitzroy Crossi	55.21	264	P	P	22 59 29.1	-0.5
VNDA	Vanda	55.31	186	P	P	22 59 31.3	+1.9
VNDA	comp=2.5.0nm, 0.9s, baz=19, slow=6.2, SNR=15			LR	LR	23 18 09.6	
VNDA	comp=2.286nm, 21.7s, baz=14, slow=31			P	P	22 59 31.6	+2.2

VNDA	comp=2.7.12nm, 1.0s	Iamb	Iamb	22 59 34.8
SIJI	Sorong	56.44	285	P
SWI	comp=2.72nm, 0.9s, baz=58, slow=2.0, SNR=20	56.45	285	P
AAI	Ambon	57.95	281	P
NLAI	Namlea	59.13	281	P
SOEI	Soe	59.15	272	P
KLBR	Kellerberrin	59.19	246	P
MBWA	Marble Bar	60.74	258	P
SANI	Sanana	60.64	281	P
TNTI	Ternate	60.66	285	P
WBSI	Waikabubak, Su	63.67	271	P
PLAI	Plampang	65.45	271	P
SPSI	Sidrap Palu	65.49	277	P
QSPA	South Pole Quai	66.71	180	P
QSPA	comp=2.15nm, 1.0s, baz=33, slow=2.8, SNR=20			LR
QSPA	comp=2.702nm, 21.1s, baz=55, slow=32			LR
QSPA	South Pole Quai	66.71	180	P
KKM	Kota Kinabalu	72.95	285	P
MJAR	Matsushiro Arr	74.03	323	P
MJAR	comp=2.2.9nm, 0.7s, baz=145, slow=5.4, SNR=6.9			LR
MJAR	Matsushiro Arr	74.03	323	P
MJAR	comp=2.2.0nm, 0.8s			iAmb
MJAR	Matsushiro Arr	74.03	323	iAmb
MJAR	comp=2.1.7nm, 0.8s			P
LEM	Lembang	75.53	269	P
JNU	Nakatsue	76.10	316	P
JNU	comp=2.10nm, 0.9s, baz=122, slow=5.9, SNR=4.2			iAmb
JNU	Nakatsue	76.10	316	iAmb
KSM	Kuching	76.33	278	P
ASAJ	Asahikawa	77.46	330	P
PMSA	Palmer Station	77.63	156	LR
SSLB	Suangleung	77.67	303	iAmb
KMRM	Mali Ridge	79.41	38	iAmb
YSS	Yuzh-Sakhalins	79.60	332	eP
YSS	comp=2.70nm, 1.0s			pmx
YSS	comp=2.600nm, 5.9s			pmx
YSS	comp=N, 400nm, 4.9s			smx
YSS	Yuzh-Sakhalins	79.60	332	P
PETK	Petrovavlovskiy	79.71	344	P
MAW	comp=N, 27nm, 1.0s, baz=111, slow=6.5, SNR=9.0			P
MAW	comp=N, 10nm, 0.9s, baz=116, slow=6.2, SNR=3.7			LR
MAW	Mawson	79.72	91	P
MAW	comp=N, 606nm, 19.2s, baz=91, slow=35			P
MAW	Mawson	79.72	91	pmx
CMB	Columbia Colle	79.89	41	iAmb
CMB	comp=2.11nm, 1.1s			pmx
AFDM	Forest Hills D	80.14	40	iAmb
ORV	Oroville	80.22	39	iAmb
WDC	Whiskeytown Da	80.31	38	iAmb
USHA	Ushuaia	80.33	146	LR
MDPB	Devils Postpil	80.43	42	iAmb
OMDP	Old Mammoth Mi	80.47	42	iAmb
KSRS	Korea Array	80.72	318	P
KSRS	comp=2.8.6nm, 0.9s, baz=130, slow=6.1, SNR=19			LR
KSAR	Wonju Array Be	80.73	318	P
KSAR	Wonju Array Be	80.73	318	P
YBH	Yreka Blue Bay	80.99	37	P
PNTR	Pine Nut	81.04	41	iAmb
BEKR	Beckworth	81.09	40	iAmb
BEKR	comp=2.8.1nm, 1.1s			P
YERR	Yerington	81.19	41	iAmb
NVAR	Mina Array Bea	81.41	42	P
NVAR	comp=2.506nm, 21.9s, baz=217, slow=30			LR
HUMO	Hull Mountain	81.44	36	iAmb
NV11	Mina Array Sit	81.50	42	iAmb
KVN	Kaiserville	81.92	41	iAmb
VLA	Vladivostok	82.09	324	iP
MSHR	Myse Shults	82.13	323	iP
SHPR	Sheep Range	82.22	45	P
W13A	Hualapai Mount	82.27	47	P
MOD	Modoc Plateau	82.45	38	P
USAOB	Ussuriysk Arra	82.77	325	iP
USAOB	Ussuriysk Arra	82.77	325	P
USRK	Ussuriysk Arr	82.77	325	P
USRK	comp=2.34nm, 0.9s, baz=136, slow=3.3, SNR=39			P
H04A	H04A	83.26	35	P
PINE	Pine Mountain	83.33	36	P
319A	Douglas	83.36	52	iAmb
X16A	Lo Mia Camp, P	83.50	48	P
NJ2	Nanjing	83.66	309	eP
U15A	North Rim	84.05	46	iAmb
WUJAZ	Wupatki	84.15	47	P
SZCU	Shurtz Canyon	84.20	45	P
ZAIG	Zacatecas	84.23	62	P
PSUT	Pine Spring	84.25	44	P
I07A	Izeze	84.31	37	P
MDJ	Mudanjiang	84.33	324	P
MDJ	comp=2.39nm, 0.9s			pmx
MDJ	comp=2.480nm, 5.8s			pmx
MDJ	Mudanjiang	84.33	324	P
J08A	Circle Bar Ran	84.42	38	iAmb
J08A	comp=2.14nm, 1.0s			P
G06A	Carlson Farm,	84.45	35	P
SYO	Syowa Base	84.48	192	iP

SYO	Syowa Base	84.48	192	iP	P	23 02 31.4	-0.2
PKCU	Pink Cliffs	84.62	45	P	P	23 02 30.1	-0.2
ELK	Elko	84.70	41	iAmb	iAmb	23 02 33.3	
MTPU	Matsuyama	85.04	45	P	P	23 02 33.0	+0.5
D05A	Dunoi	85.05	33	P	P	23 02 32.7	+1.0
SNA4	Sanae	85.06	178	P	LR	23 02 32.7	+0.9
SNA4	Sanae	85.06	178	LR	LR	23 35 41.5	
SNA4	comp=2.730nm, 21.3s, baz=182, slow=32			P	P	23 02 32.7	+0.9
SNA4	Sanae	85.06	178	P	P	23 02 32.6	+0.8
SNA4	Sanae	85.06	178	iAmb	iAmb	23 02 34.8	
VNA3	Neumayer Olymp	85.10	175	P	P	23 02 32.6	+0.7
GRNR	Gornyy	85.22	332	iP	pmx		

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA, MDM, ILAR, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like MODS, HUMR, KHC, etc.

IDC 14 23:26:35.9,0.3, 10.20N;72.99W, h130km,2km, mb4.4/30,
 mb1 4.6/34, mb1mx4.5/43, mbtmp4.9/34, MS4, 1/10,
 Ms1 4.1/10, ms1mx3.5/39, Error ellipse: s-maj=9.4km
 s-min=5.7km az=50.0
 NEIC 14 23:26:36.1±1.8, 10.208N;0.06;72.99W;0.06, h128km,5km,
 mb4.7/282, Error ellipse: s-maj=9.1km s-min=8.0km
 az=119.0
 UPA 14 23:26:36.8±3.1, 10.212N;73.34W, h0km,55km, MW5.3
 RSNC 14 23:26:36.3±2.0, 10.24N;73.01W, h134km,10km, ML5.5,
 Mw5.4, Fault plane solution: NPT1:φ=83.0000°,
 δ=63.0000°, λ=22.0000°
 OSPL 14 23:26:36.5±4.4, 10.212N;72.77W, h295km,602km, ML6.2
 VAO 14 23:26:38.5±0.4, 10.000N;72.90W, h149km,1km, mb5.3
 GCMT 14 23:26:40.1±0.3, 10.36N;0.02;73.07W;0.02, h115km,3km,
 MW5.0/90, Moment Tensor Solution. s24,c26; s90,c128;
 Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mrr,0.62±.11;
 Mθθ,0.04±.10; Mφφ,-0.66±.15; Mrr-1.40±.08; Mθθ,4.12±.12;
 Mφφ,-0.04±.10; Best double couple: M4.38100±10¹⁶
 NPT1:φ=182.0000°,δ=71.0000°,λ=175.0000°. NP2:
 φ=274.0000°,δ=85.0000°,λ=20.0000°. Principal axes: T
 4.1530, P1g17.0000°, Azm139.0000°; N 0.4570,
 P1g70.0000°, Azm287.0000°; P -4.6100, P1g10.0000°;
 Azm66.0000°; nsta1 refers to body waves, cutoff=10s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 14 23:26:35.6±0.2, 10.28N;0.03;72.95W;0.03, h131km,2km,
 h132km;p-P,n939,c2827/1023,mb4.7/198,23C-40D,
 Venezuela

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CODC	Agustin Codazzi	0.59	235	IP	23 27 56.4	+1.1
CODC				IP	23 27 10.4	+0.1
CODC				I	23 27 11.8	
ARGC	comp=Z,85um,0.5s	1.34	252	IP	23 27 03.2	+1.1
ARGC	Arguani, Magd			Pn	23 27 22.0	-0.1
ARGC				S	23 27 23.8	
SMRC	comp=Z,38um,0.5s	1.53	305	IP	23 27 04.0	-0.1
SMRC	Santa Marta, M			Pn	23 27 24.4	-1.5
SMRC				S	23 27 27.1	
URIC	comp=Z,41um,0.5s	1.70	34	IP	23 27 07.0	+0.9
URIC	Uribia, Colomb			Pn	23 27 30.1	+0.6
URIC				S	23 27 06.5	+0.3
SMLC	comp=Z,41um,0.5s	1.83	217	IP	23 27 07.9	+0.3
SMLC	San Martin de			Pn	23 27 11.1	+1.0
OCAC	comp=Z,41um,0.5s	2.06	190	IP	23 27 11.2	+0.7
OCAC	Ocana			Pn	23 27 37.0	-0.3
SJCC	comp=Z,26um,0.7s	2.22	260	IP	23 27 12.4	-0.1
SJCC	San Jacinto, C			Pn	23 27 40.0	-0.7
SJCC				S	23 27 43.9	
SJCC	comp=Z,26um,0.7s	2.22	260	IP	23 27 12.5	-0.1
SJCC	San Jacinto, C			Pn	23 27 39.8	-1.0
DABV	comp=Z,26um,0.7s	2.37	74	IP	23 27 15.8	+1.6
DABV	Dabajuro			Pn	23 27 44.6	+0.0
SDV	comp=Z,1um,0.3s,baz=311,slow=5.6	2.67	121	IP	23 27 20.3	+2.0
SDV	Santo Domingo			S	23 27 51.5	+0.5
SDV	comp=Z,5um,0.3s,baz=14,slow=8.2,SNR=7.9	2.67	121	IP	23 27 20.2	+2.0
SDV	Santo Domingo			S	23 27 51.3	+0.2
SDV				S	23 27 53.5	
SDV	comp=Z,13um,0.3s	2.67	121	IP	23 27 20.0	+1.8
SDV	Santo Domingo			S	23 27 52.2	+1.2
SDV				S	23 27 20.3	+2.0
SDV				S	23 27 51.2	+0.2
SOV	comp=Z,13um,0.3s	2.86	134	IP	23 27 22.5	+2.0
SOV	Socops			Pn	23 27 51.5	-3.7
PAMC	comp=Z,18um,0.4s	2.93	175	IP	23 27 23.3	+1.5
PAMC	Pamplona, Colo			Pn	23 27 44.6	+0.1
PAMC				S	23 28 02.6	
ZARC	comp=Z,18um,0.4s	3.34	214	IP	23 27 26.8	-0.1
ZARC	Zaragoza, Cauc			Pn	23 28 04.4	-2.0
ZARC				S	23 28 13.9	
UREC	comp=Z,7um,0.3s	3.57	226	IP	23 27 28.9	-0.9
UREC	San Jos de Ur			Pn	23 28 08.1	-3.6
UREC				S	23 28 13.6	
LCBC	comp=Z,4um,0.2s	3.65	248	IP	23 27 30.6	-0.2
LCBC	Los crdobas,			Pn	23 28 08.6	-5.0
LCBC				S	23 28 16.2	
BARC	comp=Z,11um,0.4s	3.67	184	IP	23 27 32.5	+1.3
BARC	Barichara			Pn	23 28 14.2	-0.1
TAMC	comp=Z,7um,1.2s	3.98	163	IP	23 27 36.9	+1.6
TAMC	Tame, Arauca			Pn	23 28 20.1	-1.4
TAMC				S	23 28 32.7	
PTBC	comp=Z,7um,1.2s	4.00	202	IP	23 27 35.2	-0.2
PTBC	PUERTO BERRIO,			Pn	23 28 20.5	-1.4
PTBC				S	23 28 27.7	
RUSC	comp=Z,9um,0.7s	4.36	182	IP	23 27 40.5	-0.2
RUSC	La Rusia			Pn	23 27 40.8	-0.1
DBBC	comp=Z,9um,0.7s	4.36	182	IP	23 27 40.5	-0.2
DBBC	Dabeiba			Pn	23 27 41.9	-1.1
CAPC	comp=Z,4um,0.8s	4.63	250	IP	23 27 41.8	-2.0
CAPC	Capurgana			Pn	23 28 30.3	-6.6
CAPC				S	23 28 34.8	
SPBC	comp=Z,4um,0.8s	4.72	194	IP	23 27 45.4	+0.2
SPBC	San Pablo de B			Pn	23 28 37.1	-2.2
SPBC				S	23 28 42.7	
ELOW	comp=Z,4um,0.4s	4.73	133	IP	23 27 46.3	+1.2
ELOW	Elorza			Pn	23 27 45.4	-0.9
HELH	comp=Z,4um,1.1s	4.79	212	IP	23 27 48.4	+2.1
HELH	Santa Helena			Pn	23 28 40.4	-0.8
HELH				S	23 27 49.9	+0.9
BAUV	comp=Z,4um,1.1s	5.02	105	IP	23 28 45.1	-1.1
BAUV	El Baul			Pn	23 27 48.4	-0.4
BAUV				S	23 28 42.0	-5.1
NORC	comp=Z,2um,1.2s	5.05	202	IP	23 27 48.4	-0.4
NORC	Norcasia			Pn	23 28 57.6	
NORC				S	23 28 57.6	
CBOC	comp=Z,4um,0.8s	5.33	215	IP	23 27 53.1	-0.2
CBOC	Ciudad Bolivar			Pn	23 28 51.7	-2.2
CBOC				S	23 27 56.7	0.0
GUYC	comp=Z,3um,1.7s	5.56	206	IP	23 28 59.3	-0.5
GUYC	Guyana, Caldas			Pn	23 29 11.6	
GUYC				S	23 29 11.6	
ROSC	comp=Z,167nm,0.3s,baz=9.3,slow=8.9,SNR=72	5.57	194	IP	23 27 59.2	+2.5
ROSC	El Rosal			S	23 28 57.5	-2.5
ROSC	comp=Z,266nm,0.3s,baz=43,slow=21,SNR=3.3	5.57	194	IP	23 27 59.3	+1.6
ROSC	El Rosal			Pn	23 28 57.4	+2.1
ROSC				S	23 29 13.2	
ROSC	comp=Z,2um,1.2s	5.57	194	IP	23 27 58.4	+1.6
ROSC	El Rosal			Pn	23 27 58.4	+1.6
CHIC	comp=Z,2um,1.2s	5.66	188	IP	23 29 02.0	+0.2
CHIC	Chingaza			Pn	23 29 14.1	
CHIC				S	23 29 14.1	
PTAC	comp=Z,2um,0.6s	5.72	237	IP	23 27 58.0	-0.4
PTAC	Punta Ardita,			Pn	23 28 57.0	-6.0
PTAC				S	23 29 00.9	+0.2
RREF	comp=Z,2um,0.6s	5.84	204	IP	23 28 05.8	-1.1
RREF	El Recreo			Pn	23 29 05.8	-1.1
RREF				S	23 29 17.9	
SOLC	comp=Z,3um,0.5s	5.97	228	IP	23 28 02.3	+0.6
SOLC	Bahia Solano			Pn	23 28 05.3	+1.2
SOLC				S	23 29 12.0	-1.1
TOLC	comp=Z,3um,0.5s	6.12	203	IP	23 28 05.7	+1.1
TOLC	Tolima			Pn	23 29 04.7	-9.3
TOLC				S	23 29 21.7	
VILC	comp=Z,2um,0.3s	6.17	187	IP	23 28 03.0	-1.5
VILC	Villavicencio,			Pn	23 29 10.5	-3.4
VILC				S	23 28 06.0	+3.3
CHPO	comp=Z,2um,0.3s	6.24	203	IP	23 28 03.0	-1.5
CHPO	Chepo, Panama			Pn	23 29 10.5	-3.4
CHPO				S	23 28 06.0	+3.3
ANIL	comp=Z,3um,0.4s	6.27	212	IP	23 28 07.0	+1.0
ANIL	San Jos del P			Pn	23 28 07.0	+1.0
ANIL				S	23 28 07.0	+1.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PLMC	comp=Z,3um,0.4s	6.27	212	IP	23 28 07.0	+1.0
PLMC	San Jos del P			Pn	23 28 07.0	+1.0
PLMC				S	23 28 07.0	+1.0
UPA	comp=Z,3um,0.4s	6.62	259	IP	23 28 07.0	+1.0
UPA	Univ. de Panam			Pn	23 29 13.3	-3.3
UPA				S	23 29 09.3	-1.1
MAD3	comp=Z,3um,0.4s	6.65	261	IP	23 28 10.6	-0.4
MAD3	Madden Dam			Pn	23 29 19.7	-5.8
MAD3				S	23 28 10.5	-0.7
MFS3	comp=Z,3um,0.4s	6.67	260	IP	23 28 10.5	-0.7
MFS3	Miraflores			Pn	23 29 21.4	-4.5
MFS3				S	23 28 10.1	-1.0
MFS3	comp=Z,3um,0.4s	6.67	260	IP	23 29 20.6	-5.3
MFS3	Miraflores			Pn	23 28 09.2	-2.0
MFS3				S	23 29 23.6	-5.0
TABO3	comp=Z,3um,0.4s	6.67	258	IP	23 28 09.2	-2.0
TABO3	Taboga, Panama			Pn	23 28 09.2	-2.0
TABO3				S	23 28 09.2	-2.0
TABO3	comp=Z,3um,0.4s	6.67	258	IP	23 28 09.2	-2.0
TABO3	Taboga, Panama			Pn	23 28 09.2	-2.0
TABO3				S	23 28 09.2	-2.0
TABO3	comp=Z,3um,0.4s	6.67	258	IP	23 28 09.2	-2.0
TABO3	Taboga, Panama			Pn	23 28 09.2	-2.0
TABO3				S	23 28 09.2	-2.0
PML3	comp=Z,3um,0.4s	6.69	260	IP	23 28 11.6	+0.2
PML3	Paraiso			Pn	23 29 19.9	-6.4
PML3				S	23 28 10.6	-0.8
PML3	comp=Z,3um,0.4s	6.69	260	IP	23 29 20.2	-6.1
PML3	Paraiso			Pn	23 28 13.5	+1.6
PML3				S	23 29 24.9	-2.3
ORTC	comp=Z,3um,0.4s	6.72	200	IP	23 29 34.8	
ORTC	Ortega, Tolima			Pn	23 28 14.5	+0.9
ORTC				S	23 28 12.8	-0.9
PIZC	comp=Z,1um,0.6s	6.85	220	IP	23 29 25.6	-4.8
PIZC	Pizoz, Choco			Pn	23 28 12.8	-0.9
PIZC				S	23 29 25.6	-4.8
BCIP	comp=Z,1um,0.6s	6.88	261	IP	23 28 26.1	-3.3
BCIP	Isla Barro Col			Pn	23 29 12.1	-1.1
BCIP				S	23 28 25.1	-5.8
BCIP	comp=Z,1um,0.6s	6.88	261	IP	23 29 26.6	-3.3
BCIP	Isla Barro Col			Pn	23 28 13.2	-0.8
BCIP				S	23 29 26.8	-4.1
BCIP						

14d 23h

Table with columns: Call Sign, Name, Power, Direction, Frequency, and other details. Includes entries like Y55A Saluda, X57A Johnson Farm, GOGA Godfrey, etc.

2014 MAR

Table with columns: Call Sign, Name, Power, Direction, Frequency, and other details. Includes entries like R61A Willards, R59A King George, V, CBN Corbin Frederi, etc.

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Table with columns: Call Sign, Name, Power, Direction, Frequency, and other details. Includes entries like O51A Pataskala, M60A Port Jervis, M63A Gales Ferry, etc.

K56A	Middlesex	32.52 354	P	P	23 32 56.1 +2.0
M49A	Liberty Center	32.56 345	P	P	23 32 56.3 +2.0
K54A	Basilio Farm,	32.60 352	P	P	23 32 56.6 +2.0
K55A	Perry	32.64 353	P	P	23 32 56.9 +1.9
P43A	Skaggs, Pawnee	32.76 336	I Amb	I Amb	23 32 59.0
L50A	Kingsville	32.81 346	P	P	23 32 58.7 +2.2
J62A	Henniker	32.84 2	P	P	23 32 58.9 +2.2
J60A	Lant Hill Farm	32.85 359	P	P	23 32 59.4 +2.6
TUL1	Leonard	32.88 325	P	P	23 32 58.4 +1.2
TUL1	Leonard	32.88 325	P	P	23 32 59.1
TUL1	Leonard	32.88 325	P	P	23 32 59.0 +1.8
M47A	Cromwell	32.91 342	P	P	23 32 59.4 +2.0
LVC	Limon Verde	32.92 173	P	P	23 32 56.2 -1.8
LVC	Limon Verde	32.92 173	P	P	23 32 56.2 -1.8
LVC	Limon Verde	32.92 173	I Amb	I Amb	23 32 57.8
LVC	Limon Verde	32.92 173	eS	P	23 32 55.9 -2.1
LVC	Limon Verde	32.92 173	eS	P	23 38 02.1 -4.6
J63A	Stratford	32.92 3	P	P	23 32 59.7 +2.3
J61A	Chester	32.95 1	P	P	23 33 00.1 +2.5
J58A	Remsen	33.02 357	P	P	23 33 00.3 +2.0
J58A	Remsen	33.02 357	I Amb	I Amb	23 33 01.4
J58A	Remsen	33.02 357	P	P	23 33 00.5 +2.2
J56A	Wolcott	33.05 355	P	P	23 32 59.0 +0.4
J56A	Wolcott	33.05 355	P	P	23 33 00.9 +2.3
K52A	Tillsenburg	33.09 350	P	P	23 33 01.2 +2.4
J59A	Piesco	33.09 358	P	P	23 33 00.2 +1.2
J59A	Piesco	33.09 358	I Amb	I Amb	23 33 01.6
J59A	Piesco	33.09 358	P	P	23 33 00.9 +1.9
L49A	Milan	33.10 345	P	P	23 33 01.2 +2.2
MED7	Medina	33.12 353	P	P	23 32 59.0 -0.1
J57A	Williamstown	33.12 356	I Amb	I Amb	23 33 01.9
J57A	Williamstown	33.12 356	P	P	23 33 01.0 +1.9
L48A	N Adams	33.12 344	P	P	23 33 01.1 +1.9
J55A	Hilton	33.14 353	P	P	23 32 58.9 -0.4
J55A	Hilton	33.14 353	I Amb	I Amb	23 33 02.0
J55A	Hilton	33.14 353	P	P	23 33 01.4 +2.1
ABTX	Abilene, Hawle	33.16 316	P	P	23 33 00.9 +1.2
ABTX	Abilene, Hawle	33.16 316	I Amb	I Amb	23 33 02.3
ABTX	Abilene, Hawle	33.16 316	sP	pP	23 33 28.9 +0.1
ABTX	Abilene, Hawle	33.16 316	sP	sP	23 33 43.4 -0.8
ARAG	Araguiana, MT	33.24 141	eP	P	23 33 58.7 -1.7
AAM	Ann Arbor	33.25 345	I Amb	I Amb	23 33 01.1 +0.8
AAM	Ann Arbor	33.25 345	I Amb	I Amb	23 33 04.5
I58A	Old Forge	33.34 357	P	P	23 33 03.0 +2.0
L47A	Sherwood	33.36 343	P	P	23 33 02.7 +1.4
I59A	Ironsteadville	33.41 359	P	P	23 33 03.9 +2.2
I60A	Shoreham	33.45 360	P	P	23 33 04.3 +2.4
HDIL	Hopedale	33.45 337	P	P	23 33 03.7 +1.6
K50A	Casco	33.46 347	P	P	23 33 02.9 +0.8
K50A	Casco	33.46 347	P	P	23 33 04.2 +2.1
J52A	Paris	33.49 350	P	P	23 33 04.2 +1.8
I61A	Oroboro, Fairl	33.54 1	P	P	23 33 04.9 +2.1
NCB	Newcomb	33.59 358	I Amb	I Amb	23 33 06.5
I57A	Carthage	33.62 356	P	P	23 33 05.6 +2.1
I64A	Boothbay	33.64 4	P	P	23 33 06.2 +2.5
K49A	Clarkson	33.66 346	P	P	23 33 05.6 +1.7
I63A	Otisfield	33.71 3	P	P	23 33 06.9 +2.7
K48A	Perry	33.84 345	P	P	23 33 07.1 +1.7
LBNH	Lisbon	33.85 1	P	P	23 33 07.8 +2.3
WMOK	Wichita Mount	33.89 320	I Amb	I Amb	23 33 09.2
WMOK	Wichita Mount	33.89 320	P	P	23 33 07.8 +1.8
I53A	Kortright Cn E	33.92 351	P	P	23 33 07.9 +1.8
K47A	Vermontville	33.95 344	P	P	23 33 07.8 +1.4
H58A	Gabriels	34.03 358	P	P	23 33 08.8 +1.7
I55A	Frankford	34.06 354	P	P	23 33 09.1 +1.8
I57A	Richville	34.13 357	P	P	23 33 09.5 +1.7
H51A	Listowel	34.13 350	P	P	23 33 10.0 +2.1
J49A	Marlette	34.13 347	P	P	23 33 09.3 +1.4
H61A	Lyndonville	34.15 1	P	P	23 33 10.1 +2.1
H60A	Morristown	34.16 0	P	P	23 33 10.5 +2.3
K46A	Dorr	34.18 343	P	P	23 33 09.7 +1.3
H62A	Milan	34.21 2	P	P	23 33 11.0 +2.4
J48A	Bridge Port	34.23 346	P	P	23 33 10.8 +2.0
H59A	Cadyville	34.25 359	P	P	23 33 11.0 +2.1
H56A	Elgin	34.31 356	P	P	23 33 11.4 +1.9
H55A	Tweed	34.35 355	P	P	23 33 11.9 +2.2
H63A	New Sharon	34.35 4	P	P	23 33 12.2 +2.4
TXAR	Lajitas Array	34.39 308	P	P	23 33 11.2 +0.7
TXAR	Lajitas Array	34.39 308	pP	pP	23 33 39.6 -0.8
TXAR	Lajitas Array	34.39 308	sP	sP	23 33 54.2 -1.8
TXAR	Lajitas Array	34.39 308	P	P	23 33 11.5 +1.0
H64A	Troy	34.39 5	P	P	23 33 12.5 +2.4
J47A	Sumner	34.43 345	P	P	23 33 12.0 +1.5
FRNY	Flat Rock	34.44 359	I Amb	I Amb	23 33 13.2
H53A	Bobcaygeon	34.52 353	P	P	23 33 13.1 +1.8
H65A	Eastbrook	34.54 6	P	P	23 33 14.0 +2.7
I49A	Point Hope	34.62 347	P	P	23 33 14.2 +2.1
G60A	Masonville	34.70 1	P	P	23 33 14.9 +2.0
H66A	Whiting	34.73 7	P	P	23 33 15.2 +2.2
G57A	Newington	34.75 357	P	P	23 33 15.5 +2.4
J46A	Howard City	34.75 344	P	P	23 33 14.6 +1.3
G58A	Ormsdown	34.76 359	P	P	23 33 15.3 +2.0
H52A	Wyevale	34.76 351	P	P	23 33 15.2 +1.9
SADO	Sadowa	34.78 352	I Amb	I Amb	23 33 15.6
PLVO	Plevna	34.82 355	I Amb	I Amb	23 33 16.6
G63A	Kingsbury	34.83 4	P	P	23 33 16.6 +2.6
G62A	West of Eustis	34.88 3	P	P	23 33 16.3 +1.9
G62A	West of Eustis	34.88 3	P	P	23 33 17.0 +2.7
G61A	St-Isidore-de-	34.91 2	P	P	23 33 17.3 +2.7
G55A	Calabogie	35.00 355	P	P	23 33 17.4 +2.0
PKME	Peaks-Kenny Pk	35.01 5	P	P	23 33 16.2 +0.8
PKME	Peaks-Kenny Pk	35.01 5	P	P	23 33 17.5 +2.1
G64A	Maxfield	35.04 5	P	P	23 33 17.9 +2.2
J45A	Montague	35.05 343	P	P	23 33 17.3 +1.5
I48A	Sherman Twp	35.05 346	P	P	23 33 17.4 +1.7
G53A	Halburton	35.06 353	P	P	23 33 17.5 +1.6
GGN	Saint George	35.12 8	P	P	23 33 16.4 +0.1
G54A	Lake Saint Pet	35.28 354	P	P	23 33 19.7 +1.9
F59A	Saint Guillaume	35.45 0	P	P	23 33 21.7 +2.5
F63A	Nahmankanta, Br	35.46 5	P	P	23 33 21.5 +2.2
F55A	Otter Lake	35.55 356	P	P	23 33 21.6 +1.6
F60A	Warwick	35.58 1	P	P	23 33 22.4 +2.1
F61A	St Evariste	35.61 2	P	P	23 33 22.6 +1.9
KSU1	Kansas State U	35.63 328	P	P	23 33 22.6 +1.7
BDFB	Brasilia	35.68 136	P	P	23 33 20.5 -1.2
BDFB	Brasilia	35.68 136	LR	LR	23 31 24.6
F64A	Sherman	35.68 6	P	P	23 33 22.5 +1.4
F64A	Sherman	35.68 6	P	P	23 33 23.5 +2.3
F52A	Sundridge	35.81 352	P	P	23 33 24.1 +1.8
ALGO	Algonquin Park	35.82 354	P	P	23 33 24.0 +1.6
JFWS	Jewell Farm	35.85 338	P	P	23 33 23.1 +0.4
JFWS	Jewell Farm	35.85 338	I Amb	I Amb	23 33 25.3
JFWS	Jewell Farm	35.85 338	P	P	23 33 24.1 +1.4
TRQ	Mont Tremblant	35.85 358	P	P	23 33 23.1 +0.4
AMTX	Amarillo	35.87 318	I Amb	I Amb	23 33 27.2
AMTX	Amarillo	35.87 318	P	P	23 33 25.0 +1.9
E58A	La Victoria	35.97 360	P	P	23 33 25.7 +2.0
E60A	Ste Agathe de	35.99 2	P	P	23 33 26.0 +2.1
G47A	Hilman	36.02 347	P	P	23 33 26.0 +2.0
F51A	Arnstein	36.02 352	P	P	23 33 26.0 +1.9
E57A	Chemin Saint G	36.03 359	P	P	23 33 26.0 +1.8
H45A	Beulah	36.04 344	P	P	23 33 26.0 +1.7
MSTX	Muleshoe	36.08 315	I Amb	I Amb	23 33 27.0
E61A	Lac Etchemin	36.09 3	P	P	23 33 26.8 +2.1
E56A	St. Veronique	36.19 358	P	P	23 33 27.1 +1.6
E53A	Dumoine, Ponti	36.20 354	P	P	23 33 27.2 +1.6
F49A	Sandfield	36.21 349	P	P	23 33 27.3 +1.6
E52A	Mattawa	36.22 353	P	P	23 33 27.4 +1.7
E54A	Lac Duplat, Po	36.22 355	P	P	23 33 27.2 +1.5
E63A	Oxbow	36.23 5	P	P	23 33 26.5 +0.6
E63A	Oxbow	36.23 5	I Amb	I Amb	23 33 28.5
E63A	Oxbow	36.23 5	P	P	23 33 27.8 +2.0
E64A	Bridgewater	36.28 6	P	P	23 33 28.6 +2.3
R32A	Long Curque	36.30 325	P	P	23 33 27.2 +0.6
R32A	Long Curque	36.30 325	I Amb	I Amb	23 33 29.0
G45A	Suttons Bay	36.33 345	P	P	23 33 27.5 +0.8
G45A	Suttons Bay	36.33 345	I Amb	I Amb	23 33 29.2
G45A	Suttons Bay	36.33 345	P	P	23 33 28.2 +1.5
F48A	Evansville	36.38 349	P	P	23 33 28.7 +1.6
H43A	Windswept, Lux	36.40 342	P	P	23 33 27.7 +0.4
H43A	Windswept, Lux	36.40 342	I Amb	I Amb	23 33 29.3
D60A	Saint Jean D'O	36.55 2	P	P	23 33 30.9 +2.3
E51A	G1948 Merrick	36.56 352	P	P	23 33 30.5 +1.9
D59A	Saint-Raymond	36.62 1	P	P	23 33 31.4 +2.2
D57A	Chemin Vers Je	36.63 359	P	P	23 33 31.1 +1.9
D56A	ZEC Mazanza, M	36.68 358	P	P	23 33 31.6 +1.9
D55A	Sainte-Anne-du	36.68 357	P	P	23 33 31.7 +2.0
D58A	Chemin du LacG	36.70 0	P	P	23 33 31.8 +2.0
MNTX	Cornudas Mount	36.80 310	P	P	23 33 32.0 +1.0
MNTX	Cornudas Mount	36.80 310	I Amb	I Amb	23 33 35.1
MNTX	Cornudas Mount	36.80 310	P	P	23 33 32.7 +1.7
D62A	Allapatt, All	36.83 4	P	P	23 33 32.7 +1.8
D62A	Allapatt, All	36.83 4	P	P	23 33 33.0 +2.0
D63A	Stockholm	36.87 6	P	P	23 33 33.5 +2.3
D61A	St Aubert, Com	36.88 3	P	P	23 33 33.7 +2.4
D54A	Lac Fusel, L	36.89 356	P	P	23 33 33.3 +1.8
F45A	CMU Biological	36.89 345	P	P	23 33 32.9 +1.5
D53A	Lac Vachie, Po	36.90 355	P	P	23 33 32.8 +1.2
D53A	Lac Vachie, Po	36.90 355	I Amb	I Amb	23 33 34.4
D53A	Lac Vachie, Po	36.90 355	P	P	23 33 33.6 +2.0
E48A	Lockeview	36.93 349	P	P	23 33 33.5 +1.8
LATQ	La Tuque	36.98 0	I Amb	I Amb	23 33 36.1
LATQ	La Tuque	36.98 0	P	P	23 33 34.5 +2.3
D51A	Lot 18 Range I	37.09 353	P	P	23 33 34.8 +1.6
E47A	Iron Bridge	37.11 348	P	P	23 33 35.5 +1.9
CBKS	Cedar Bluff	37.16 324	P	P	23 33 34.6 +0.7
CBKS	Cedar Bluff	37.16 324	I Amb	I Amb	23 33 35.9
CBKS	Cedar Bluff	37.16 324	P	P	23 33 35.4 +1.5
IPMB	Ipameri, Gf	37.22 139	eP	eP	23 33 33.0 -1.6
IPMB	Ipameri, Gf	37.22 139	sP	sP	23 39 09.3 -2.9
D50A	G1974 Best Tow	37.23 352	P	P	23 33 36.0 +1.7
BATG	Bathurst New B	37.34 8	P	P	23 33 37.4 +2.2
D48A	Paudash Townsh	37.53 350	P	P	23 33 38.7 +1.8
D47A	Chepleau	37.66 349	P	P	23 33 39.5 +1.6
D46A	Sault St. Mari	37.69 348	P	P	23 33 39.6 +1.4
G003	Copla	37.73 176	I Amb	I Amb	23 33 42.2
VLDO	Val d'Or	37.90 355	I Amb	I Amb	23 33 43.4
E43A	Lone Tree Farm	37.92 344	I Amb	I Amb	23 33 42.1
JANB	Janina	37.94 131	eP	P	23 33 38.9 -1.8
JANB	Janina	37.94 131	eS	pS	23 34 12.8 +3.1
JANB	Janina	37.94 131	eS	eS	23 39 21.1 -2.0
PCMB	Pacaembu	38.18 146	e		

14d 23h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SPUT South Promonto, REDW Red Top Meadow, RLMT Red Lodge, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LIC Lamto, LIC Lamto, DBIC Dimbokro, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MYKA comp=Z,4.7nm,0.8s, MOA Molin, MOA Molin, etc.

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

Table with columns: JRY, JAG, JHO, JKO, JKL, ZALV, MKAR, WRA, NRK, BVAR, STKA, ARU, ARCES, FINES, KFBZ, HFS. Includes station names, coordinates, and other technical data.

IDC 14 23:38:35.3; 1.0, 53.14N; 170.97E, h0km, mb4.0/23, mb1.4/24, mb1mx3.9/69, mbtmp4.0/24, ML3.1/1, MS3.8/2, Ms1.3/8.2, ms1mx3.0/50, Error ellipse: s-maj=28.7km s-min=13.1km az=1.0

NEIC 14 23:38:39.2; 1.1, 53.0N; 0.1x170.88E; 0.09, h30km, 5km, mb4.4/75, Error ellipse: s-maj=16.8km s-min=7.8km az=173.0

ISC 14 23:38:38.0; 0.6, 52.9N; 0.1x170.96E; 0.05, h24km, n144, 0.698/131, mb4.3/55, Near Islands

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations like SMY, PET, ADK, GSTR, etc.

Continuation of the main table with stations like BMAR, CROM, TIXI, etc.

Main table with columns: TPNV, MSU, PD31, PDAR, etc. Lists stations like Topopah Spring, Boulder Array, etc.

TAP 14 23:55:43.6; 23.97N; 122.47E, h27km, ML2.9, D

ISC 14 23:55:43.2; 1.1, 23.97N; 122.45E, h26km, 4km, M2.4

ISC 14 23:55:43.2; 1.1, 23.97N; 122.45E; 0.02, h27km, 12km, n59, 0.646/84, Taiwan region

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like JYNG, JYNG, EOS1, etc.

Main table with columns: NTC, NTC, ENTT, ENTT, HGSD, etc. Lists stations like Toucheng, Niouou, etc.

JMA 14 23:59:53.0; 0.2, 34.70N; 140.05E, h92km, 3km, M2.9

IDC 14 23:59:54.5; 3.4, 34.70N; 139.97E, h97km, 15km, mb3.2/3, s-maj=76.7km s-min=6.0km az=72.0

ISC 14 23:59:53.7; 1.0, 34.73N; 140.04; 0.00E; 0.06, h90km, 7km, n17, 0.692/27, mb3.5/3, Near east coast of eastern Honshu

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like BSO4, BSO4, etc.

15d Oh

Table with columns: MAT, Matushiro, 2.37 320 P, Pn, 00 00 31.9 +1.1, 00 00 59.7 +0.5, 00 07 55.4 -0.4

NEIC 15 00:06:32.0±1.1, 13°65N;0°09'120E;0.1, h106km, gkm, mb4.3/29, Error ellipse: s-maj=18.8km s-min=13.2km

IDC 15 00:06:32.0±0.7, 13°73N;120°84E, h105km, 5km mb3.8/18, mb1.3/9.18, mb1mx3.7/59, mbtmp4.1/18, MS3.72, Ms1.3/7.2, ms1mx2.8/6.1, Error ellipse: s-maj=23.8km s-min=14.2km az=66.0

MAN 15 00:06:31.8, 13°70N;120°50E, h89km, mb4.6, ML3.5, MS3.4

ISC 15 00:06:32.2±0.3, 13°68N;0°04'120E;0.05, h102km, 5km, n96, c1986/110, mb4.2/32, 2C-2D, Mindoro

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

2014 MAR

Main table of seismic events with columns: HRA, Herat, 56.27 302 Iamb, Iamb, 00 16 03.9, 00 16 22.7 -0.7, 00 16 29.8 +1.7, etc.

IDC 15 00:14:42.9±1.6, 4°55S; 153°38E, h69km, 11km, mb3.8/16, mb1.3/9.16, mb1mx3.8/36, mbtmp4.1/16, MS3.1/2, Ms1.3/1.2, ms1mx2.7/7.9, Error ellipse: s-maj=15.2km s-min=11.7km az=117.0

NEIC 15 00:14:43.6±1.3, 4°55S; 153°42E; 0.1, h75km, 6km, mb4.3/12, Error ellipse: s-maj=21.2km s-min=14.2km az=146.0

ISC 15 00:14:44.5±0.5, 4°57S; 153°34E; 0.08, h85km, n40, c1943/47, mb4.2/22, New Ireland region

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

720

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

MAN 15 00:35:58.6, 13°30N;119°17E, h27km, mb4.1, ML2.9, MS2.6, 1D, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

SJA 15 00:52:29.6±0.3, 37°78S; 76°45W, h33km, ML4.4, MW4.3, GUC 15 00:53:07.8±0.6, 36°19S; 73°57W, h33km, 7km, ML4.1, NEIC 15 00:53:07.8±2.2, 36°15S; 0°04'73W; 0.2, h44km, 9km, Error ellipse: s-maj=21.2km s-min=5.4km az=92.0

IDC 15 00:53:12.2±2.4, 36°22S; 73°25W, h40km, 36km, mb3.5/7, mb1.3/9.18, mb1mx3.6/28, mbtmp3.7/9, ML3.72, MS3.1/5, Ms1.3/1.5, ms1mx2.9/17, Error ellipse: s-maj=40.7km s-min=26.2km az=95.0

ISC 15 00:53:06.7±1.7, 36°25S; 0°04'73W; 0.08, h16km, 10km, n45, c209/55, mb3.8/7, 5C-1D, Near coast of central Chile

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

GOGA Godfrey	22.03	36	P	P	02 06 23.2	-1.5	comp=Z,30nm,1.5s	KMSC Kings Mountain	24.50	36	P	P	02 06 49.2	-0.4	JFWS Jewell Farm	27.69	13	P	P	02 07 18.0	-0.3
S39A Bolivar	22.04	11	I	Amb	02 06 27.1		baz=222	W51 Gray	24.55	29	P	P	02 06 49.6	-0.4	O51A Pataskala	27.75	27	P	P	02 07 18.3	-0.6
Y52A Liburn	22.05	34	I	Amb	02 06 25.0		comp=Z,20nm,0.8s	TC1 Wyandotte Cave	24.60	24	P	P	02 06 49.8	-0.6	U60A Pendleton	27.87	39	P	P	02 07 21.0	+1.1
Y52A Liburn	22.05	34	P	P	02 06 24.1	-0.8	comp=Z,24nm,0.8s	WCI Wyandotte Cave	24.60	24	P	P	02 06 50.2	-0.2	M48A Edgerton	28.02	23	P	P	02 07 21.6	+0.2
WVT Waverly	22.17	24	P	P	02 06 26.3	+0.1	baz=220,SNR=9.5	S49A Springfield	24.62	26	P	P	02 06 49.9	-0.8	O55A Buckhannon	28.03	32	P	P	02 07 25.8	+4.3
WVT Waverly	22.17	24	P	P	02 06 27.1	+0.9	baz=208	V54A Nebo	24.63	34	P	P	02 06 58.0	0.0	N50A Nevada	28.03	26	P	P	02 07 20.3	-1.2
X51A Calhoun	22.18	31	I	Amb	02 06 35.8		baz=221	BIRD Birtworn, Kers	24.65	38	I	Amb	02 06 52.8		O52A Adamsville	28.06	28	P	P	02 07 22.3	+0.6
X51A Calhoun	22.18	31	P	P	02 06 25.5	-0.9	comp=Z,17nm,1.1s	TUQ Turquoise Moun	24.71	325	P	P	02 06 53.9	+2.2	NV11 Mina Array Sit	28.12	326	I	Amb	02 07 25.9	
SWET Sewanee	22.19	28	I	Amb	02 06 25.9		baz=137,SNR=12	X57A Johnson Farm	24.75	39	P	P	02 06 51.6	-0.2	NVAR Mina Array Bea	28.20	326	P	P	02 07 25.3	+2.1
V48A Smith Brothers	22.24	26	P	P	02 06 25.6	-1.4	baz=227	P43A Skaggs, Pawnee	24.79	17	P	P	02 06 52.0	-0.1	NVAR	28.20	326	P	P	02 10 10.5	
V48A Smith Brothers	22.24	26	P	P	02 06 28.9		comp=Z,16nm,0.9s	BFSOC Mount Baldy Ra	24.90	320	P	P	02 06 55.7	+2.3	NVAR	28.20	326	P	P	02 07 24.7	+1.5
R32A Long Quarter,	22.26	360	I	Amb	02 06 30.1		baz=132	S50A Richmond	24.92	28	P	P	02 06 52.9	-0.4	BW06 Boulder Array	28.20	343	P	P	02 07 24.5	+1.3
GLA Glamis	22.37	322	P	P	02 06 30.1	+1.6	baz=214,SNR=6.7	W56A Indian Trail	24.93	37	P	P	02 06 53.4	0.0	PDAR Pinedale Array	28.20	343	P	P	02 07 23.9	+0.8
GLA Glamis	22.37	322	P	P	02 06 30.9	+2.5	baz=225	OGNE Ogala	24.95	354	P	P	02 06 55.4	+1.7	PDAR	28.20	343	P	P	02 19 21.4	
SDCO Great Sand Dun	22.42	346	P	P	02 06 30.2	+1.0	baz=172	LGNH Logne	24.96	81	P	P	02 06 54.2	+0.3	PDAR Pinedale Array	28.20	343	P	P	02 07 23.6	+0.5
WUAZ Wupatki	22.46	332	P	P	02 06 31.9	+2.4	comp=Z,5nm,1.4s	V55A Taylorsville	25.08	35	I	Amb	02 07 05.5		SDV Santo Domingo	28.23	101	P	P	02 07 25.3	+1.6
WUAZ Wupatki	22.46	332	P	P	02 06 32.8	+3.2	baz=222	V55A Taylorsville	25.08	35	P	P	02 06 54.6	-0.2	SDV	28.23	101	P	P	02 20 11.9	
CBKS Cedar Bluff	22.67	358	I	Amb	02 06 45.3		baz=222	R49A Shelbyville	25.10	26	I	Amb	02 06 59.2		SDV	28.23	101	P	I	02 07 27.5	
CBKS Cedar Bluff	22.67	358	P	P	02 06 32.8	+1.2	comp=Z,9.3nm,0.8s	R49A Shelbyville	25.10	26	P	P	02 06 54.4	-0.6	L47A Shebond	28.28	21	P	P	02 07 23.2	-0.4
Y12C Blythe	22.69	324	P	P	02 06 34.8	+3.0	baz=212	GSC Goldstone, Bar	25.12	323	I	Amb	02 06 59.8		P54A Burton	28.29	31	P	P	02 07 23.5	-0.3
CLTN Cedars of Leba	22.75	26	I	Amb	02 06 40.5		comp=Z,12nm,1.3s	GSC Goldstone, Bar	25.12	323	P	P	02 06 57.4	+2.1	L48A N Adams	28.53	23	P	P	02 07 25.4	-0.5
S22A 4UR Ranch, Cre	22.77	343	P	P	02 06 34.3	+1.4	baz=135	T52A Hallie	25.12	31	P	P	02 06 55.3	+0.1	K46A Dorr	28.71	20	P	P	02 07 26.4	-1.0
MVCO Mesa Verde	22.79	339	I	Amb	02 06 35.2		baz=217,SNR=5.5	T53A Wise	25.24	31	P	P	02 06 56.1	-0.2	I42A Draeger Farm,	28.93	15	P	P	02 07 28.9	-0.5
MVCO Mesa Verde	22.79	339	P	P	02 06 34.3	+1.2	baz=218	S51A Beattville	25.25	29	P	P	02 06 56.0	-0.3	I42A Draeger Farm,	28.93	15	P	P	02 07 28.9	-0.5
CCM Cathedral Cave	22.84	15	P	P	02 06 32.5	-0.8	baz=216,SNR=19	U54A Nelsons Funny	25.25	33	P	P	02 06 56.3	-0.2	K47A Vermontville	28.96	21	P	P	02 07 29.1	-0.6
CCM Cathedral Cave	22.84	15	P	P	02 06 38.0		baz=229,SNR=7.9	X58A Rowland	25.27	40	P	P	02 06 57.1	+0.6	PCDR Punta Cana, DR	28.97	81	P	P	02 07 29.6	-0.4
CCM Cathedral Cave	22.84	15	P	P	02 06 33.0	-0.3	baz=228	X58A Rowland	25.27	40	P	P	02 06 56.9	+0.3	N53A Lisbon	29.07	29	P	P	02 07 31.7	-0.4
PDMC1 Parker Dam,Lak	22.89	325	P	P	02 06 36.2	+2.4	baz=228	W57A Gilead	25.28	38	P	P	02 06 56.4	-0.3	N53A Lisbon	29.07	29	P	P	02 07 29.9	-0.8
X53A Estanlee	22.94	34	P	P	02 06 33.4	-1.0	comp=Z,26nm,SNR=7.1	O20A White River Ci	25.39	343	I	Amb	02 07 02.3		REDW Red Top Meadow	29.12	342	I	Amb	02 07 46.5	
157A Early Branch	22.99	41	P	P	02 06 35.1	+0.2	comp=Z,21nm,1.1s	O20A White River Ci	25.39	343	P	P	02 06 59.6	+1.8	SNOW Snow King Moun	29.19	342	I	Amb	02 07 39.8	
CPCT Cooper Cave	23.05	31	I	Amb	02 06 35.4		baz=133,SNR=8.3	Q48A North Vernon	25.42	24	P	P	02 06 57.7	-0.2	K48A Perry	29.39	22	P	P	02 07 32.9	-0.6
S44A Carbondale	23.07	19	P	P	02 06 34.9	-0.9	baz=210,SNR=15	R50A Paris	25.45	27	I	Amb	02 06 58.2		SPMN Marine on St.	29.47	8	I	Amb	02 07 34.5	
K5CO Kaye Shedlock'	23.12	352	P	P	02 06 37.1	+0.8	comp=Z,12nm,0.8s	R50A Paris	25.45	27	P	P	02 06 57.6	-0.6	SPMN Marine on St.	29.47	8	P	P	02 07 33.8	-0.3
BC3 Big Chuckkall'	23.16	322	P	P	02 06 39.1	+2.2	baz=213,SNR=6.0	V56A Mocksville	25.45	36	P	P	02 06 57.9	-0.3	M53A W Miller and	29.65	28	P	P	02 07 35.1	-0.7
T47A Sharon Grove	23.20	24	P	P	02 06 36.5	-0.6	baz=224	N23A Red Feather La	25.53	347	I	Amb	02 07 02.3		J48A Bridge Port	29.94	22	P	P	02 07 37.8	-0.5
MONP2 Monument Peak	23.23	319	P	P	02 06 39.9	+2.0	baz=170	N23A Red Feather La	25.53	347	P	P	02 07 01.0	+1.8	G40A Rib Lake	29.95	12	I	Amb	02 07 38.2	
HODGE Hodges	23.32	36	I	Amb	02 06 38.1		baz=163,SNR=12	W58A Raeford	25.54	39	P	P	02 07 00.3	+0.4	I47A Gladwin	30.32	20	P	P	02 07 42.3	+0.6
Y55A Saluda	23.34	37	P	P	02 06 37.3	-1.2	comp=Z,27nm,SNR=5.8	U55A TA2, Sparta	25.65	34	P	P	02 07 00.0	-0.1	BEKR Beckworth	30.34	326	I	Amb	02 07 45.2	
U49A Red Boiling Sp	23.34	27	I	Amb	02 06 39.3		baz=222,SNR=6.1	HDIL Hopedale	25.70	17	P	P	02 07 00.3	-0.2	H45A Beulah	30.38	18	P	P	02 07 41.7	-0.5
IRM Iron Mountain	23.34	323	P	P	02 06 42.4	+3.8	baz=201,SNR=6.4	T54A Fawcett	25.79	33	P	P	02 07 00.1	-1.2	ATAH Athalupa	30.55	138	LR	LR	02 17 50.5	
X54A Belton	23.48	35	P	P	02 06 39.3	-0.7	baz=220	R51A Hillsboro	25.80	28	P	P	02 07 00.9	-0.4	M55A Ridgway	30.56	30	P	P	02 07 43.5	-0.4
Q24A Divide	23.51	347	P	P	02 06 42.2	+1.6	baz=215,SNR=23	Q49A Aurora	25.82	25	P	P	02 07 00.8	-0.7	G45A Suttons Bay	30.88	18	P	P	02 07 45.5	-1.1
TKL Tuckaleechee C	23.59	31	P	P	02 06 40.0	-1.0	baz=211,SNR=6.1	V57A Coltrane Farms	25.92	37	P	P	02 07 03.2	+0.8	MFID Camas Ranch	30.94	335	P	P	02 07 48.0	+0.6
TKL Tuckaleechee C	23.59	31	P	P	02 06 40.5	-0.5	comp=Z,19nm,1.2s	P48A Milroy	26.00	24	I	Amb	02 07 03.3		COWI Conover	30.97	13	I	Amb	02 07 48.1	
TKL Tuckaleechee C	23.59	31	P	P	02 06 42.3		baz=210	P48A Milroy	26.00	24	P	P	02 07 02.3	-0.8	MCMT McKenzie Canyo	31.07	340	P	P	02 07 49.4	+0.8
Z57A Bowman	23.59	40	P	P	02 06 41.9	+0.9	comp=Z,19nm,1.2s	TPNV Topopah Spring	26.00	326	P	P	02 07 05.5	+2.0	PDPR Patikas Dam,	31.21	82	P	P	02 07 49.0	+0.9
U15A North Rim	23.63	332	P	P	02 06 42.4	+0.7	baz=135	MPMC Manual Prospec	26.04	323	P	P	02 07 05.4	+1.5	I51A Listowel	31.43	25	P	P	02 07 50.5	-1.0
SLM Saint Louis	23.65	17	P	P	02 06 40.7	-0.9	comp=Z,23nm,0.9s	O50A Georgetown	26.07	27	P	P	02 07 03.0	-0.8	DLMT Dillon	31.47	341	I	Amb	02 07 55.6	
BLM Belle Mtn. Jos	23.73	322	P	P	02 06 44.4	+1.9	baz=134	Q51A State Center	26.16	9	P	P	02 07 04.9	+0.3	F45A CMU Biological	31.50	18	P	P	02 07 51.5	-0.5
XPFO Pion Flat	23.73	321	P	P	02 06 43.2	+0.5	comp=Z,19nm,1.1s	SCIA State Center	26.16	9	P	P	02 07 04.9	+0.3	MTP Mta Pirata	31.66	82	P	P	02 07 53.7	-0.1
PFO Pinyon Flats O	23.74	321	P	P	02 06 44.3	+1.7	baz=192,SNR=5.3	SCIN Lafayette	26.21	20	I	Amb	02 07 06.6		MDND Maddock	31.69	359	P	P	02 07 54.3	+0.6
PFO Pinyon Flats O	23.74	321	P	P	02 06 44.3	+1.7	comp=Z,4.4nm,0.9s,slow=5.2,SNR=5.2	SFIN Lafayette	26.21	20	P	P	02 07 04.9	-0.1	MOD Modoc Plateau	31.78	328	P	P	02 07 54.9	+0.1
PFO Pinyon Flats O	23.74	321	P	P	02 06 44.3	+1.7	baz=140,slow=39	V58A Windy Hill, Pi	26.24	38	P	P	02 07 05.2	-0.2	MOD Modoc Plateau	31.78	328	P	P	02 07 54.9	+0.1
PV13 Radium Mtn., P	23.76	340	I	Amb	02 06 44.8		comp=Z,3.6nm,0.8s	R52A Cattlesburg	26.26	29	P	P	02 07 05.8	+0.3	J08A Circle Bar Ran	32.02	332	P	P	02 07 58.4	+1.6
PV13 Radium Mtn., P	23.76	340	I	Amb	02 06 44.8		baz=226,SNR=6.2	P49A Miami Univ. Ec	26.34	25	P	P	02 07 05.5	-0.7	K56A Middlesex	32.20	30	P	P	02 07 58.3	+0.1
PV05 Paradox Valley	23.78	339	P	P	02 06 42.9	-0.2	baz=211	Q51A Peebles	26.50	27	P	P	02 07 07.2	-0.5	AGMN Agassiz Nation	32.21	3	P	P	02 07 58.4	0.0
NHSC New Hope	23.79	41	P	P	02 06 43.6	+0.5	baz=214,SNR=7.8	BLA Blacksburg	26.52	34	I	Amb	02 07 10.9		E44A Grand Marais A	32.24	17	P	P	02 07 57.9	-0.7
NHSC New Hope	23.79	41	P	P	02 06 43.6	+0.5	comp=Z,17nm,1.0s	BLA Blacksburg	26.52	34	P	P	02 07 07.1	-0.8	L58A Harry Jones Me	32.45	33	P	P	02 08 00.1	-0.5
PV15 Paradox Valley	23.82	341	I	Amb	02 06 46.1		baz=224	U57A Blanch	26.56	37	P	P	02 07 07.5	-0.7	DGMT Dagmar	32.63	353	P	P	02 08 02.8	+0.8
X55A Gracelyn & Ava	23.84	37	P	P	02 06 43.0	-0.5	baz=225	R53A Hurricane	26.59	30	P	P	02 07 08.5	-0.1	F49A Sandfield	32.70	22	P	P	02 08 01.4	-1.2
PV03 Paradox Valley	23.86	340	I	Amb	02 06 45.8		baz=218,SNR=7.2	T56A Rocky Mt	26.59	35	P	P	02 07 08.1	-0.4	PAL Palisades	32.78	36	P	P	02 08 02.7	-0.6
PV18 Skein Mesa, Pa	23																				

15d 2h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, ITM, JURR, TIRR, PAIG, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MATE, TRPA, ACER, KIRV, etc.

726

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHVC, ZCCA, TAM, ABTA, etc.

15d 5h

IDC 15 04:05:12.4u.2.1, 13.56N:56.92E, h0km, mb3.8/8, mb1 4.0/8, mb1mx3.5/69, mbtmp3.8/8, MS2.9/3, Ms1 2.9/3, ms1mx2.5/47, Error ellipse: s-maj=51.1km s-min=26.5km az=42.0

NEIC 15 04:05:15.0u.2.5, 13.69N:0.10u.57.1E:0.1, h10km, 1km, mb4.0/4, Error ellipse: s-maj=20.4km s-min=16.8km az=83.0

ISC 15 04:05:14.4u.1.0, 13.69N:0.2u.57.0E:0.1, h10km, n18, r1509/12, mb4.0/9, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Socoora, Wadi Sarin, Ar Rayn, etc.

IDC 15 04:09:32.9u.1.4, 0.29N:98.43E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.6/53, mbtmp3.8/9, ML3.5/1, MS3.1/4, Ms1 3.1/4, ms1mx2.7/42, Error ellipse: s-maj=50.2km s-min=19.1km az=57.0

DJA 15 04:09:38.4u.0.4, 0.1N:2.9E:1.1, h36km, 6km, M4.4/9, mb4.0/1, MLV4.6/9

NEIC 15 04:09:42.4u.1.4, 0.62N:0.10u.98.2E:0.1, h52km, 11km, mb4.2/4, Error ellipse: s-maj=21.7km s-min=12.7km az=72.0

ISC 15 04:09:38.2u.0.7, 0.48N:0.04u.98.22E:0.07, h29km, n33, r1593/33, mb4.0/10, MS3.3/3, Northern Sumatera

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Pulau Batu, Saibi, Rantau Prapat, etc.

IDC 15 04:26:25.2u.16.0, 18.47N:145.45E, h265km, 161km, mb3.0/8, mb1 3.3/8, mb1mx3.0/42, mbtmp3.6/8, Error ellipse: s-maj=31.3km s-min=24.6km az=63.0

ISC 15 04:26:37.0u.9, 18.5N:0.2u.145.4E:0.3, h250km, n8, r1508/9, mb3.4/8, Mariana Islands

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

MEX 15 05:05:25.5u.4, 15.14N:92.79W, h16km, 90km, MD4.0 GCG 15 05:05:13.9u.6, 15.67N:92.04W, h26km, 99km, MD3.7

ISC 15 05:05:10.4u.3.9, 14.3N:0.1u.92.79W:0.10, h15km, 17km, n7, r072/14, 1C, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Santiaguito 3.

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Table with columns: PCIG, FUG, CCIG, IXG, TGIG. Lists stations like Fuego 3, Comitán, Ixpaco.

SJA 15 05:09:12.6u.0.5, 24.29S:67.21W, h193km, 5km, ML3.1, MW3.2

IDC 15 05:09:14.9u.2.5, 24.02S:67.07W, h174km, 41km, mb2.9/1, mb1 3.0/6, mb1mx2.9/28, mbtmp3.4/6, Error ellipse: s-maj=49.2km s-min=26.9km az=127.0

GUC 15 05:09:15.9u.0.6, 24.13S:67.64W, h221km, 10km, ML3.7

ISC 15 05:09:14.2u.0.9, 24.18S:0.06u.67.26W:0.04, h182km, 9km, n27, r1925/43, 7C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like San Lorenzo, Humahuaca, Zapla, Lima Verde, etc.

IDC 15 05:09:12.8u.2.8, 23.82N:93.89E, h72km, 32km, mb3.5/7, mb1 3.6/9, mb1mx3.3/58, mbtmp3.8/9, ML4.0/2, Error ellipse: s-maj=24.2km s-min=14.6km az=61.0

NEIC 15 05:09:12.2u.2.2, 23.90N:0.07u.93.9E:0.1, h63km, 8km, mb4.3/8, Error ellipse: s-maj=18.9km s-min=10.1km az=65.0

ISC 15 05:09:14.1u.0.8, 23.92N:0.07u.93.58E:0.07, h100km, n33, r1573/39, mb3.9/11, Myanmar-India border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Bariaadhala, Shillong, Lhasa, etc.

IDC 15 05:09:12.8u.2.8, 23.82N:93.89E, h72km, 32km, mb3.5/7, mb1 3.6/9, mb1mx3.3/58, mbtmp3.8/9, ML4.0/2, Error ellipse: s-maj=24.2km s-min=14.6km az=61.0

NEIC 15 05:09:12.2u.2.2, 23.90N:0.07u.93.9E:0.1, h63km, 8km, mb4.3/8, Error ellipse: s-maj=18.9km s-min=10.1km az=65.0

ISC 15 05:09:14.1u.0.8, 23.92N:0.07u.93.58E:0.07, h100km, n33, r1573/39, mb3.9/11, Myanmar-India border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Bariaadhala, Shillong, Lhasa, etc.

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Table with columns: WBO, WRA, WB2, WR2, AS31, ASAR. Lists stations like Warramunga Arr, Alice Springs.

ROM 15 05:28:39.1u.0.1, 38.52N:0.004u.16.162E:0.006, h9km, ML1.7/1, 3C-2D, Error ellipse: s-maj=0.5km s-min=0.2km az=141.0, Southern Italy

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Placanica, Joppo, Celeste, etc.

IDC 15 05:29:32.6u.0.8, 37.56N:25.61E, h0km, mb3.9/4, mb1 3.9/22, mb1mx3.8/43, mbtmp3.8/22, ML3.5/8, MS3.2/14, Ms1 3.2/14, ms1mx2.9/64, Error ellipse: s-maj=14.6km s-min=13.5km az=21.0

DDA 15 05:29:34.3u.37.62N:25.50E, h15km, 2km, MW4.1

ATH 15 05:29:34.0u.37.56N:25.64E, h28km, ML4.0/22, Error ellipse: s-maj=0.8km s-min=0.5km az=108.0

ISK 15 05:29:34.4u.37.59N:25.63E, h66km, 2km, ML4.2/38

MED_RK 15 05:29:34.0u.0.8, 37.46N:25.0E, h18km, 3km, MW4.4/9, Moment Tensor Solution. Mantle waves: s9, c12; Duration: 1.0 Moment tensor: Scale 10^15Nm; M1=2.86e-90; M2=3.07e-51; M3=0.22e-65; M4=2.92e-65; M5=3.00e-38; M6=2.03e-12; Best double couple: M6, 67000x10^15 Np1=276.00000; 326.00000; -1-127.00000; NP2=0.136.00000; 870.00000; -4.74.00000; Principal axes: T 6.5300, Plg23.0000; Azm213.0000; N -1.7400, Plg15.0000; Azm310.0000; P -4.8000, Plg62.0000; Azm70.0000; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=35s.

THE 15 05:29:34.8u.37.56N:25.65E, h5km, ML4.0/10 Error ellipse: s-maj=0.6km s-min=0.2km az=147.0

NEIC 15 05:29:36.0u.2.5, 37.50N:0.05u.25.67E:0.06, h17km, 3km, Error ellipse: s-maj=7.0km s-min=7.0km az=172.0

ISC 15 05:29:35.5u.0.9, 37.56N:0.02u.25.65E:0.01, h17km, 6km, n336, r1346/382, mb4.0/21, MS3.2/7, 17C-14D, Decadence Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like TNSA, APE, AMGA, etc.

SERI	comp=E,15012µm,0.3s	AML	AML	05 30 08.3	
SERI	comp=N,12316µm,0.3s	AML	AML	05 30 08.6	
KARY	Karystos	1.07 297	P	Sb	05 29 54.8 -0.8
KARY	Karystos	1.07 297	P	Pb	05 29 54.7 -0.9
KARY	comp=N,6µm,0.6s	AML	AML	05 30 09.2 -1.1	
KARY	comp=N,16634µm,0.6s	AML	AML	05 30 10.6	
KARY	comp=E,7950µm,0.5s	AML	AML	05 30 11.1	
DGB	zmir	1.09 63	i P	Sb	05 29 54.6 -1.3
DGB			i S	Sb	05 30 09.3 -0.8
DGB	comp=N,7µm,0.6s	IAML	IAML	05 30 11.0	
URLA	Izmir	1.09 43	PN	Pb	05 29 54.4 -1.6
URLA			SN	Pb	05 30 09.3 -0.7
URLA	Izmir	1.09 43	i P	Pb	05 29 54.7 -1.3
URLA			IAML	Pb	05 30 12.0
CMBO	Columbo, Santo	1.10 190	P	Pb	05 29 55.3 -0.8
CMBO	Columbo, Santo	1.10 190	P	Pb	05 29 55.5 -0.6
SAP4	Santorini-Oia	1.10 192	P	Pb	05 29 55.5 -0.5
THR2	Thira Island,	1.12 189	P	Pb	05 29 55.7 -0.7
GMLD	Gumuldur	1.13 62	PN	Pb	05 29 55.0 -1.5
GMLD			SN	Pb	05 30 10.4 -0.3
THT2	Imervogli	1.14 189	PN	Pb	05 29 55.8 -0.9
SAP3	Santorini-Thir	1.15 192	P	Pb	05 29 56.1 -0.7
SAP3	Santorini-Thir	1.15 192	P	Pb	05 29 55.9 -1.0
SAP2K	Karterados	1.16 188	P	Pn	05 29 55.6 -1.3
THR8	Santorini-Mono	1.16 187	P	Pn	05 29 56.1 -1.1
THR3	Thira Island,	1.16 190	P	Pn	05 29 56.5 -0.5
THR5	Thira Island,	1.16 192	P	Pn	05 29 56.3 -0.7
STAX	Taxiarchis Har	1.17 190	P	Pn	05 29 56.4 -0.7
SANT	Santorini	1.20 187	P	Pn	05 29 56.6 -0.9
SANT			SN	Pn	05 30 13.0 -0.3
SANT	comp=E,4435µm,0.4s	AML	AML	05 30 18.6	
SANT	comp=N,3282µm,0.9s	AML	AML	05 30 22.4	
SANT	Santorini	1.20 187	PN	Pn	05 29 56.4 -1.1
SANT	Santorini	1.20 187	PN	Pn	05 29 56.6 -1.1
ANAF	Anafi Island	1.20 175	P	Pn	05 29 56.9 -0.7
ANAF	Anafi Island	1.20 175	P	Pn	05 29 56.6 -1.0
ANAF			SN	Pn	05 30 13.4 -0.1
ANAF	comp=N,32779µm,0.4s	AML	AML	05 30 17.4	
ANAF	comp=E,3206µm,0.4s	AML	AML	05 30 18.2	
SAP1	Santorini-Akro	1.22 190	PN	Pn	05 29 57.2 -0.5
KRBN	Karaburun	1.26 34	PN	Pn	05 29 57.0 -1.3
GCAM	G'zelcaml?	1.27 83	PN	Pn	05 29 56.8 -1.6
GCAM	G'zelcaml?	1.27 83	i P	Sg	05 29 58.4 -0.5
GCAM			S	Pg	05 30 15.7 -0.7
GCAM			IAML	Pg	05 30 19.0
GCAM	comp=N,4µm,0.3s	IAML	IAML	05 30 20.0	
GCAM	comp=E,3µm,0.6s	IAML	IAML	05 30 20.0	
MHLA	Plaka, Milos I	1.27 231	P	PN	05 29 57.3 -1.2
MHLA			SN	PN	05 30 15.3 +0.1
MHLA			AML	PN	05 30 23.0
MHLA	comp=E,21203µm,1.1s	AML	AML	05 30 24.2	
MHLA	comp=N,22519µm,0.8s	AML	AML	05 30 24.2	
MHLA	Didim-Aydin	1.28 98	PN	Pn	05 29 57.6 -0.9
MHLA	Agia Marina, M	1.32 229	PN	Pn	05 29 58.5 -0.7
MHLA			S	Sg	05 30 17.1 -1.1
MHLA	comp=N,12µm,0.8s	AML	AML	05 29 58.1 -1.0	
MHLA	Agia Marina, M	1.32 229	P	Sb	05 30 16.0 -0.5
MHLA			AML	Pn	05 30 28.9
MHLA	comp=N,32428µm,0.9s	AML	AML	05 30 29.9	
MHLA	comp=E,30245µm,1.0s	AML	AML	05 30 29.9	
KOSK	Kos Island	1.33 127	PN	Pn	05 29 58.1 -1.2
YKAV	Yalikavak-Bodr	1.37 108	PN	Pn	05 29 57.9 -1.9
YKAV	Balcova	1.38 53	PN	Pn	05 29 57.9 -2.0
FOOD	Bodrum	1.41 110	PN	Pn	05 29 59.2 -1.2
FOCM	Foca	1.43 36	PN	Pn	05 29 59.2 -1.5
DION	Dionisos Attik	1.46 291	P	Sb	05 30 00.7 -0.3
DION			S	Sb	05 30 20.3 -0.1
DION			S	Sb	05 30 00.8 -0.3
DION			S	Sb	05 30 20.3 -0.3
PTL	Penteli	1.50 290	P	Pn	05 30 01.3 -0.3
PTL			S	Sg	05 30 21.9 -1.9
PTL	comp=E,2µm,0.8s	AML	AML	05 30 20.9 -0.7	
PTL	Penteli	1.50 290	P	SN	05 30 20.4 -0.4
PTL			AML	Pn	05 30 27.9
PTL	comp=N,5466µm,0.7s	AML	AML	05 30 32.5	
PTL	comp=E,3852µm,0.5s	AML	AML	05 30 32.5	
VLY	Voula, Athens	1.50 282	P	Sb	05 30 01.2 -0.4
VLY			S	Sb	05 30 21.4 -0.3
VLY	comp=E,6µm,0.4s	AML	AML	05 30 01.1 -0.6	
VLY	Voula, Athens	1.50 282	P	SN	05 30 20.2 -0.7
VLY			AML	Pn	05 30 23.4
VLY	comp=E,977µm,0.5s	AML	AML	05 30 24.1	
BDRM	Kayabasi	1.51 108	i P	Pg	05 30 03.6 -0.9
BDRM			i S	Sg	05 30 24.6 +0.3
NISR	Nisiros	1.51 128	P	Sb	05 30 01.5 -0.3
NISR			S	Sb	05 30 22.4 +0.4
NISR	comp=N,3µm,0.3s	AML	AML	05 30 01.4 -0.3	
NISR	Nisiros	1.51 128	P	Sb	05 30 22.0 -0.0
ATHU	Athens Unvers	1.53 286	P	Sb	05 30 01.6 -0.5
ATHU			S	Sb	05 30 22.1 -0.5
ATHU	comp=N,1µm,0.5s	AML	AML	05 30 01.4 -0.7	
ATHU	Athens Unvers	1.53 286	P	SN	05 30 21.1 -0.5
ATHU			AML	Pn	05 30 27.0
ATHU	comp=E,2310µm,0.3s	AML	AML	05 30 28.4	
ATHU	comp=N,2186µm,0.4s	AML	AML	05 30 02.1 -0.6	
SKY	Skios Island	1.58 327	P	Pn	05 30 01.9 -0.8
SKY	Skios Island	1.58 327	P	Sb	05 30 23.3 -0.6
SKY			AML	Pn	05 30 30.3
SKY	comp=N,7097µm,0.7s	AML	AML	05 30 32.2	
SKY	comp=E,6501µm,0.8s	AML	AML	05 30 32.2	
ATH	Athens Observa	1.59 286	P	Pn	05 30 02.7 -0.1
ATH	Athens Observa	1.59 286	P	Sb	05 30 02.3 -0.5
ATH			S	Sb	05 30 23.3 -0.9
ATH			AML	Pn	05 30 28.1
ATH	comp=E,7467µm,0.3s	AML	AML	05 30 31.0	
SIGR	SIGRI	1.66 6	P	PN	05 30 02.6 -1.2
SIGR			S	SN	05 30 24.9 +0.2
SIGR			AML	Pn	05 30 30.6
SIGR	comp=E,11685µm,0.7s	AML	AML	05 30 32.0	
SIGR	comp=N,11188µm,0.6s	AML	AML	05 30 32.0	
DAT	Datca	1.75 118	PN	Pn	05 30 03.6 -1.5
DAT	Datca	1.75 118	P	Pn	05 30 04.7 -0.5
PRK	Paraskevi	1.75 16	P	Pn	05 30 05.0 -0.1
PRK			S	SN	05 30 27.5 +0.4
PRK	comp=E,26337µm,1.2s	AML	AML	05 30 38.6	
PRK	comp=N,15287µm,0.7s	AML	AML	05 30 40.5	
AYDN	Tasoluk	1.77 86	i P	Pb	05 30 07.9 +0.3
AYDN			i S	Sg	05 30 39.0 -0.3
DATC	Datca-Mugla	1.79 116	PN	Pn	05 30 04.8 -0.8
ZEDA	Zitca-Bergama	1.80 38	i P	Pn	05 30 04.7 -1.1
ZEDA			i S	SN	05 30 28.2 -0.0
ZEDA	comp=N,948nm,0.4s	IAML	IAML	05 30 39.0	
ZEDA	comp=E,1µm,1.2s	IAML	IAML	05 30 40.0	
DKL	Dikili	1.81 33	PN	Pn	05 30 04.4 -1.3
AYDB	Yezirinkoy-Aydi	1.82 77	PN	Pn	05 30 04.7 -1.4
DID	Didima	1.92 269	P	Pn	05 30 07.0 -0.3
DID	Didima	1.92 269	P	SN	05 30 07.0 -0.5
DID			S	SN	05 30 30.9 -0.4

DID	comp=N,2445µm,0.4s	AML	AML	05 30 39.8	
DID	comp=N,3096µm,1.1s	AML	AML	05 30 43.0	
AYVA	Ayvalik	1.93 25	i P	Pn	05 30 06.5 -1.0
AYVA			S	Pg	05 30 35.5 -2.0
VILL	Villia	1.95 289	P	SN	05 30 07.4 -0.4
VILL			S	SN	05 30 32.4 +0.5
MRKA	Markates	1.99 306	P	Pn	05 30 08.0 -0.4
MRKA	Markates	1.99 306	P	Pn	05 30 08.0 -0.4
WILK	Wilkes	2.00 290	P	Pn	05 30 08.5 -0.9
KRND	KRANIDI	2.00 266	P	Pn	05 30 08.1 -0.4
KRND	KRANIDI	2.00 266	P	Pn	05 30 08.1 -0.4
GOMA	Golmarmara-Man	2.12 57	PN	Pn	05 30 09.0 -1.2
AOS	Alonnissos	2.13 320	P	Pn	05 30 09.8 -0.5
AOS	Alonnissos	2.13 320	P	Pn	05 30 09.8 -0.5
AOS			AML	SN	05 30 36.2 -0.1
AOS			AML	SN	05 30 52.2
AOS	comp=E,1615µm,0.7s	AML	AML	05 30 52.7	
YER	Yerkesik	2.14 101	PN	Pn	05 30 09.5 -1.0
AKHS	Akhisar	2.15 52	i P	Pn	05 30 09.6 -1.1
AKS	Akhisar	2.15 52	PN	Pn	05 30 08.9 -1.7
LTK	Loutrakı	2.18 283	P	Pn	05 30 10.7 -0.3
MRSB	Marmaris-Mugla	2.20 112	PN	Pn	05 30 10.4 -0.9
HRLK	Hraki	2.29 191	PN	Pn	05 30 10.8 -0.8
BAYC	CANAKKALE_Bayr	2.29 18	i P	Pn	05 30 11.3 -1.2
NPS	Neapolis	2.29 181	P	Pn	05 30 12.2 -0.3
NPS	Neapolis	2.29 181	P	Pn	05 30 12.1 -0.4
BOZC	Bozcaada	2.30 8	P	Pn	05 30 10.5 -2.2
BOZC	Bozcaada	2.30 8	P	SN	05 30 11.7 -1.7
BOZC			i S	SN	05 30 39.7 -0.9
EZN	Ezine	2.33 13	PN	Pn	05 30 11.1 -1.9
VLJ	Velialı	2.33 250	P	Pn	05 30 12.4 -0.6
VLJ	Velialı	2.33 250	P	Pn	05 30 12.0 -1.0
IDL	Anoyia	2.35 195	PN	Pn	05 30 12.3 -1.1
IDL	comp=N,6.9nm,0.3s,baz=0.9,slow=9.1,SNR=52	SN	SN	05 30 42.6 +0.8	
IDL	comp=N,27nm,0.3s,baz=354,slow=12,SNR=6.6	SN	SN	05 31 23.3	
IDL	comp=N,620nm,21.3s,baz=317,slow=47	LR	LR	05 30 12.2 -1.1	
IDI	Anoyia	2.35 195	P	Pn	05 30 12.2 -1.1
IDI	Anoyia	2.35 195	PN	Pn	05 30 13.0 -0.3
KARP	Karpathos	2.35 148	P	Pn	05 30 13.0 -0.3
KARP	Karpathos	2.35 148	PN	Pn	05 30 13.0 -0.3
KARP	Karpathos	2.35 148	PN	Pn	05 30 12.8 -0.5
KARP	Karpathos	2.35 148	PN	Pn	05 30 12.8 -0.5
SKIA	Skiathos	2.35 314	P	Pn	05 30 13.1 -0.3
SKIA	Skiathos	2.35 314	P	Pn	05 30 13.0 -0.3
LKR	Lokris	2.36 298	P	Pn	05 30 12.9 -0.5
LIA	Limnos Island	2.37 351	P	Pn	05 30 12.4 -1.1
ARG	Arhangelos	2.40 123	S	SN	05 30 14.1 -0.5
ARG	Arhangelos	2.40 123	S	SN	05 30 43.6 +0.7
ARG	Arhangelos	2.40 123	S	SN	05 30 13.9 -0.0
STEP	BALKESIR_Sava	2.44 41	i P	Pn	05 30 13.3 -0.6
STEP			i S	Sg	05 30 52.1 -1.7
VAM	Vamos	2.44 209	P	Pn	05 30 13.7 -0.9
VAM	Vamos	2.44 209	P	Pn	05 30 13.7 -0.9
KTHA	Kythira Island	2.45 239	P	Pn	05 30 14.2 -0.5
KTHA	K				

15d 7h

Table with columns: STKA, Stephens Creek, 59.82 134 LR, LR, 07 11 05.6, etc. Includes various station names and coordinates.

2014 MAR

Table with columns: INK, Resolute Bay, 97.72 2 P, P, P, etc. Includes station names and coordinates.

IDC 15 06:55:38.70.9, 4.03N, 71.43W, h0km, mb3.5/7, mb1.3/9.11, mb1mx3.7/32, mbtmp3.7/11, ML2.8/3, MS2.7/1, Ms1.2/7.1, ms1mx2.3/30, Error ellipse: s-maj=18.2km, s-min=14.7km az=86.0

NEIC 15 06:55:41.0.1.7, 3.93N, 0.04E, 71.36W, 0.06, h14km, 4km, mb4.3/7, Mw3.7(RSNC), Error ellipse: s-maj=8.9km, s-min=3.4km az=60.0

RSNC 15 06:55:43.0.1.1, 3.90N, 0.715W, h4km, 8km, ML3.5, Mw3.7, ISC 15 06:55:38.5.1.6, 3.88N, 0.03E, 71.36W, 0.04, h1km, 10km, m64, +170/89, mb3.6/9, 1C-1D, Phase ID

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC, etc. Lists various stations and their coordinates.

7.32

Table with columns: ZARC, Zaragoza, Cauc, 5.00 316 eP, Pn, 06 56 56.3 +1.5, etc. Includes station names and coordinates.

DJA 15 07:03:35.9.1.3, 11.1'S, 111.20'E, h10km, M3.8/7, mb4.2/2, MLV3.6/7

IDC 15 07:03:51.4.3.2, 12.149S, 121.82E, h0km, mb3.5/1, mb1.3/4.3, mb1mx3.2/27, mbtmp3.2/3, ML3.2/2, Error ellipse: s-maj=20.5km s-min=24.4km az=46.0

ISC 15 07:03:50.6.1.3, 11.51S, 110.01E, h10km, m9, +182/10, South of Sumba

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC, etc. Lists various stations and their coordinates.

IDC 15 07:10:41.2.7.3, 35.89S, 104.97W, h0km, mb3.5/3, mb1.4/0.3, mb1mx3.7/29, mbtmp3.3/3, MS3.4/4, Ms1.3/5.4, ms1mx3.3/12, Error ellipse: s-maj=45.7km s-min=81.2km, az=107.0

ISC 15 07:10:49.8.3.3, 34.2S, 0.7E, 101.9W, 0.4, h10km, m19, +179/13, mb3.7/3, MS3.4/4, West Chile Rise

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC, etc. Lists various stations and their coordinates.

NEIC 15 07:15:33.0.1.2, 21.1S, 0.2E, 178.7W, 0.1, h570km, 10km, m

Table with columns: Station, City, Time, Frequency, Mode, and other details. Includes stations like RUSC La Rusia, HELC Santa Helena, PUERTO BERRIO, etc.

Table with columns: Station, City, Time, Frequency, Mode, and other details. Includes stations like Sao Paulo, Valinhos, Speyside, Grenada Fort F, etc.

Table with columns: Station, City, Time, Frequency, Mode, and other details. Includes stations like EFI, RCBR, RCBR, etc.

735

VBMS	comp=Z,164nm,1.3s	IAMB	IAMB	09 08 13.1	
VBMS	Vicksburg	48.01 344	P	P	09 07 59.6 +0.1
Y55A	Saluda	48.06 354	P	P	09 07 59.3 -0.5
Y55A	Saluda		S	S	09 14 55.5 -2.8
Y52A	Liburn	48.26 351	P	P	09 08 00.9 -0.6
Y52A	Liburn		IAMB	IAMB	09 08 11.7
Y52A	Liburn		IAMS_20	IAMS_20	09 28 24.8
Y52A	Liburn	48.26 351	P	P	09 08 00.7 -0.8
Y52A	Liburn		S	S	09 14 56.7 -4.5
JSC	Jenkinsville	48.34 355	P	P	09 08 01.3 -0.7
JSC	JSC		P	Pmax	
JSC	Jenkinsville	48.34 355	P	P	09 08 01.3 -0.7
HODGE	Hodges	48.39 353	P	IAMB	09 08 01.2 -1.2
HODGE	Hodges		IAMB	IAMB	09 08 15.2
X57A	Johnson Farm,	48.43 356	P	P	09 08 02.5 -0.2
X57A	Johnson Farm,		S	S	09 15 01.2 -2.3
X60A	Albert Glenn T	48.43 358	P	P	09 08 02.7 0.0
X59A	McDuffie Farm,	48.45 358	P	P	09 08 02.6 -0.2
X59A	McDuffie Farm,		S	S	09 15 03.3 -0.4
X58A	Rowland	48.47 357	P	IAMB	09 08 03.1 +0.2
X58A	Rowland		IAMB	IAMB	09 08 05.0
X58A	Rowland	48.47 357	P	P	09 08 02.9 -0.1
X58A	Rowland		S	S	09 15 02.0 -2.0
X56A	White Oak	48.53 355	P	P	09 08 03.0 -0.5
X56A	White Oak		S	S	09 15 02.0 -2.9
X55A	Gracely & Ava	48.56 354	P	P	09 08 03.4 -0.3
X55A	Gracely & Ava		S	S	09 15 02.3 -3.0
BIRD	Birdtown, Kers	48.63 355	P	IAMB	09 08 03.9 -0.4
BIRD	Birdtown, Kers		IAMB	IAMB	09 08 06.1
Y49A	Blount Mountai	48.65 349	P	IAMB	09 08 03.1 -1.3
Y49A	Blount Mountai		IAMB	IAMB	09 08 14.4
143A	Soc Landin,	48.72 343	P	P	09 08 04.7 -0.3
X54A	Belton	48.72 353	P	P	09 08 04.5 -0.4
X54A	Belton		S	S	09 15 04.0 -3.5
X53A	Estanolle	48.78 352	P	P	09 08 04.6 -0.9
X53A	Estanolle		S	S	09 15 03.8 -4.7
NATX	Nacogdoches	48.87 339	P	P	09 08 06.8 +0.6
NATX	Nacogdoches	48.87 339	P	P	09 08 07.1 +1.0
NATX	Nacogdoches		S	S	09 15 11.4 +1.6
W60A	Pink Hill	48.90 359	P	P	09 08 06.5 +0.2
W60A	Pink Hill		S	S	09 15 08.9 -1.2
W58A	Raeford	48.93 357	P	P	09 08 06.4 -0.1
W58A	Raeford		S	S	09 15 08.8 -1.7
PAULI	Pauline	48.93 354	P	IAMB	09 08 07.8 -0.8
PAULI	Pauline		IAMB	IAMB	09 08 19.5
W61A	Ground Anchor	49.01 359	P	P	09 08 07.4 +0.3
W59A	Clinton	49.04 358	P	S	09 08 07.2 -0.1
W59A	Clinton		S	S	09 15 10.6 -1.4
X51A	Calhoun	49.07 351	P	P	09 08 07.1 -0.5
X51A	Calhoun	49.07 351	P	P	09 08 06.9 -0.8
X51A	Calhoun		S	S	09 15 08.3 -4.2
435B	Jarrell	49.08 336	P	IAMB	09 08 08.1 +0.3
435B	Jarrell		IAMB	IAMB	09 08 16.7
435B	Jarrell	49.08 336	P	P	09 08 08.0 +0.2
435B	Jarrell		S	S	09 15 11.7 -1.1
CNCC	Cliffs of the	49.09 358	P	P	09 08 07.9 +0.1
CNCC	Cliffs of the		S	S	09 15 12.0 -0.8
W57A	Gilead	49.10 356	P	P	09 08 07.2 -0.7
W57A	Gilead		IAMS_20	IAMS_20	09 30 19.1
W57A	Gilead	49.10 356	P	P	09 08 07.4 -0.5
W57A	Gilead		S	S	09 15 10.2 -2.7
W56A	Indian Trail	49.13 355	P	P	09 08 07.5 -0.6
W56A	Indian Trail		S	S	09 15 09.9 -3.4
FPAL	Fort Paine	49.17 350	P	IAMS_20	09 08 07.3 -1.2
FPAL	Fort Paine		IAMS_20	IAMS_20	09 30 37.8
KMSC	Kings Mountain	49.20 355	P	IAMB	09 08 08.1 -0.5
KMSC	Kings Mountain		IAMB	IAMB	09 08 21.6
KMSC	Kings Mountain	49.20 355	P	P	09 08 08.0 +0.2
KMSC	Kings Mountain		IAMS_20	IAMS_20	09 30 42.8
KMSC	Kings Mountain	49.20 355	P	P	09 08 08.2 -0.4
KMSC	Kings Mountain		S	S	09 15 11.3 -3.0
BG3	Lake Jocassee	49.22 353	P	P	09 08 07.8 -1.0
W54A	Cherokee Point	49.23 354	P	P	09 08 08.6 -0.2
W54A	Cherokee Point		S	S	09 15 11.9 -2.8
X48A	Hartselle	49.34 348	P	IAMB	09 08 08.4 -1.4
X48A	Hartselle		IAMB	IAMB	09 08 19.9
237A	Washetta, Mont	49.49 338	P	P	09 08 12.0 +1.1
V60A	Jim Taylor Roa	49.60 359	P	IAMB	09 08 11.8 +0.2
V60A	Jim Taylor Roa		IAMB	IAMB	09 08 13.5
V60A	Jim Taylor Roa	49.60 359	P	P	09 08 11.7 0.0
V60A	Jim Taylor Roa		S	S	09 15 19.1 -0.8
V61A	Roper	49.62 360	P	P	09 08 11.1 -0.7
V61A	Roper	49.62 360	P	P	09 08 12.0 +0.2
V59A	Middlesex	49.63 358	P	P	09 08 11.9 0.0
V59A	Middlesex		S	S	09 15 19.2 -1.1
Z41A	Richland Creek	49.64 342	P	P	09 08 12.4 +0.4
Z41A	Richland Creek	49.64 342	P	P	09 08 12.5 +0.4
Z41A	Richland Creek		S	S	09 15 21.7 +1.1
V58A	Windy Hill, Pi	49.69 357	P	P	09 08 11.3 -1.1
V58A	Windy Hill, Pi	49.69 357	P	P	09 08 11.8 -0.5
V58A	Windy Hill, Pi		S	S	09 15 19.4 -1.8
JCT	Junction City	49.74 333	P	Pmax	09 08 13.1 +0.2
JCT	Junction City		Pmax	Pmax	
JCT	Junction City	49.74 333	P	MLR	MLR
JCT	Junction City		IAMB	IAMB	09 08 22.4
JCT	Junction City	49.74 333	P	P	09 08 13.1 +0.2
JCT	Junction City		IAMB	IAMB	09 08 22.4
JCT	Junction City	49.74 333	P	P	09 08 13.0 0.0

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JCT	baz=150,SNR=24	S	S	09 15 21.1 -1.1		
HPIG	baz=150	49.74 325	P	IAMB	09 08 14.2 +1.0	
HPIG	HPIG		IAMB	IAMB	09 08 20.6	
HPIG	HPIG	49.74 325	P	IAMS_20	IAMS_20	09 26 39.6
V56A	Moctviss	49.79 356	P	P	09 08 12.9 -0.3	
V56A	Moctviss		S	S	09 15 20.7 -1.9	
V57A	Coltrane Farms	49.82 356	P	P	09 08 13.0 -0.4	
V57A	Coltrane Farms		S	S	09 15 20.8 -2.2	
SWET	Sewanee	49.88 350	P	IAMB	09 08 12.7 -1.1	
SWET	Sewanee		IAMB	IAMB	09 08 21.9	
SWET	SWET	49.88 350	P	IAMS_20	IAMS_20	09 30 59.7
CPCT	Cooper Cave	49.88 351	P	IAMS_20	IAMS_20	09 08 12.6 -1.2
CPCT	Cooper Cave		IAMS_20	IAMS_20	09 29 23.8	
V54A	Nebo	49.89 354	P	P	09 08 13.6 -0.3	
V54A	Nebo		S	S	09 15 21.3 -2.7	
V55A	Taylorville	49.89 355	P	IAMB	09 08 12.8 -1.1	
V55A	Taylorville		IAMB	IAMB	09 08 23.0	
V55A	Taylorville	49.89 355	P	P	09 08 13.6 -0.3	
V55A	Taylorville		S	S	09 15 21.4 -2.7	
OXF	Oxford	49.91 346	P	Pmax	09 08 13.1 -1.0	
OXF	Oxford		Pmax	Pmax		
OXF	Oxford	49.91 346	P	MLR	MLR	
OXF	Oxford		P	P	09 08 13.1 -1.0	
OXF	Oxford	49.91 346	P	P	09 08 12.8 -1.3	
CCAR	Cane Creek	49.96 343	P	P	09 08 14.7 +0.3	
TKL	Tuckaleechee C	49.98 352	P	P	09 08 14.0 -0.6	
TKL	Tuckaleechee C		Pmax	Pmax	09 08 13.8 -0.8	
TKL	Tuckaleechee C		MLR	MLR		
TKL	Tuckaleechee C	49.98 352	P	IAMS_20	IAMS_20	09 08 13.8 -0.8
TKL	Tuckaleechee C		IAMS_20	IAMS_20	09 30 44.4	
PLAL	Pickwick Lake	50.07 347	P	IAMB	09 08 14.0 -1.2	
PLAL	Pickwick Lake		IAMB	IAMB	09 08 25.6	
WHTX	Lake Whitney,	50.10 336	P	IAMB	09 08 15.6 +0.1	
WHTX	Lake Whitney,		IAMB	IAMB	09 08 22.2	
WHTX	Lake Whitney,	50.10 336	P	P	09 08 15.8 +0.3	
WHTX	Lake Whitney,		S	S	09 15 25.6 -1.4	
WHLAR	White Oak Lake	50.14 342	P	P	09 08 17.0 +1.2	
U61A	Possum Corner	50.14 352	P	P	09 08 14.8 -1.0	
U61A	Possum Corner	50.16 360	P	P	09 08 16.6 +0.7	
U61A	Possum Corner	50.16 360	P	P	09 08 16.4 +0.5	
U59A	Littleton	50.20 358	P	P	09 08 16.5 +0.3	
U59A	Littleton	50.20 358	P	P	09 08 16.4 +0.2	
U59A	Littleton		S	S	09 15 27.1 -1.1	
U58A	Oxford	50.26 358	P	P	09 08 16.6 -0.1	
U58A	Oxford		S	S	09 15 27.9 -1.3	
U58A	Oxford	50.28 344	P	P	09 08 17.2 +0.3	
U58A	Oxford	50.28 344	P	P	09 08 17.1 +0.2	
U60A	Pendleton	50.30 359	P	P	09 08 17.2 +0.2	
U60A	Pendleton		S	S	09 15 28.9 -0.8	
U56A	King	50.32 356	P	P	09 08 17.1 0.0	
U56A	King	50.32 356	P	P	09 08 17.4 +0.2	
U56A	King		S	S	09 15 27.7 -2.3	
U57A	Blanch	50.34 357	P	P	09 08 17.1 -0.2	
U57A	Blanch		S	S	09 15 28.1 -2.1	
LPIG	La Paz	50.42 319	LR	LR	09 25 11.9	
W45A	Hickory Valley	50.60 329	P	P	09 08 18.1 -0.3	
U55A	TA2, Sparta	50.52 355	P	P	09 08 18.5 -0.2	
U55A	TA2, Sparta		S	S	09 15 30.4 -2.6	
U55A	TA2, Sparta	50.55 349	P	P	09 08 17.8 -1.1	
U55A	TA2, Sparta	50.55 349	P	P	09 08 19.0 -0.5	
U55A	TA2, Sparta	50.60 329	P	P	09 08 19.8 +0.3	
U55A	TA2, Sparta	50.60 329	P	P	09 08 19.6 0.0	
TXAR	TXAR	50.62 329	LR	LR	09 28 35.2	
TXAR	TXAR	50.60 329	P	P	09 08 19.3 -0.2	
U54A	Nelsons Funny	50.61 354	P	IAMB	09 08 19.4 -0.1	
U54A	Nelsons Funny		IAMB	IAMB	09 08 32.2	
U54A	Nelsons Funny	50.61 354	P	IAMS_20	IAMS_20	09 31 26.0
U54A	Nelsons Funny		S	S	09 08 18.9 -0.6	
U54A	Nelsons Funny		S	S	09 15 31.3 -2.9	
MET	Memphis-Engin	50.62 346	P	P	09 08 18.6 -0.8	
HOPE	Hope Point	50.74 151	P	Pmax	09 08 21.2 +1.0	
HOPE	Hope Point		IAMB	IAMB	09 08 24.6	
HOPE	Hope Point	50.74 151	P	IAMS_20	IAMS_20	09 28 18.1
HOPE	Hope Point		IAMS_20	IAMS_20	09 28 18.1	
X40A	Basin Creek Fa	50.80 342	P	P	09 08 20.4 -0.4	
X40A	Basin Creek Fa	50.80 342	P	P	09 08 20.0 -0.7	
X40A	Basin Creek Fa		S	S	09 15 34.5 -2.2	
CLTN	Cedars of Leba	50.80 350	P	IAMB	09 08 19.4 -1.3	
CLTN	Cedars of Leba		IAMB	IAMB	09 08 30.7	
T59A	Double "B" Far	50.81 359	P	IAMB	09 08 20.9 +0.1	
T59A	Double "B" Far		IAMB	IAMB	09 08 22.6	
T59A	Double "B" Far	50.81 359	P	P	09 08 20.9 +0.1	
T59A	Double "B" Far		S	S	09 15 36.0 -0.8	

15d 8h

SS2A	baz=174	51.89	353	P	P	09 08 28.0	-0.9
FCAR	baz=172,SNR=22	51.91	344	P	Iamb	09 08 28.3	-0.8
FCAR	comp=Z,160nm,1.3s					09 08 39.3	
SS1A	Beattyville	51.91	353	P	Iamb	09 08 28.5	-0.6
SS1A	comp=Z,151nm,1.1s					09 32 39.4	
SS1A	comp=Z,18um,20.0s				IAMS_20	IAMS_20	
SS1A	Beattyville	51.91	353	P	P	09 08 28.3	-0.8
SS1A	baz=171,SNR=21					09 15 47.1	-4.9
R59A	King George, V	52.03	359	P	S	09 08 30.3	+0.4
R59A	baz=179,SNR=8.4					09 15 54.3	+0.8
CBN	baz=179	52.04	359	P	Iamb	09 08 29.9	-0.1
CBN	Corbin Frederi					09 08 36.5	
CBN	comp=Z,86nm,0.8s					09 08 30.4	+0.4
CBN	Corbin Frederi	52.04	359	P	P	09 08 30.4	+0.4
CBN	baz=173,SNR=9.1					09 15 53.5	-0.1
HENH	baz=179	52.04	347	P	P	09 08 29.6	-0.4
PARMO	Henderson Moun	52.05	346	P	P	09 08 29.0	-0.8
S50A	Richmond	52.06	352	P	P	09 08 29.3	-0.9
S50A	baz=170,SNR=76					09 15 49.5	-4.4
R60A	Leonardtown, M	52.09	360	P	P	09 08 31.1	+0.7
R58A	baz=180	52.15	358	P	P	09 08 31.0	+0.2
R58A	Rapidan					09 15 54.8	-0.4
R58A	baz=178,SNR=23					09 15 54.8	-0.4
T45A	Paducah	52.15	348	P	P	09 08 29.9	-1.0
R57A	Stanardsville	52.16	358	P	P	09 08 30.9	0.0
R57A	baz=177,SNR=24					09 15 54.4	-1.0
R54A	Victor	52.19	355	P	P	09 08 30.4	-0.8
R54A	baz=174,SNR=20					09 15 52.6	-3.2
R55A	Marlinton	52.23	356	P	Iamb	09 08 30.9	-0.6
R55A	baz=174					09 08 40.2	
R55A	comp=Z,163nm,1.4s					09 30 49.7	
R55A	comp=Z,11um,22.0s				IAMS_20	IAMS_20	
R55A	Marlinton	52.23	356	P	P	09 08 31.3	-0.2
R55A	baz=175,SNR=19					09 15 54.8	-1.6
S49A	Springfield	52.29	351	P	S	09 08 30.6	-1.3
S49A	baz=169,SNR=47					09 15 51.9	-5.3
R56A	Bull Pasture M	52.31	357	P	P	09 08 32.1	0.0
R56A	baz=176,SNR=8.1					09 15 56.4	-1.2
R56A	baz=176					09 08 31.0	-1.1
PBMO	Poplar Bluff	52.32	346	P	P	09 08 32.0	-0.9
R53A	Hurricane	52.42	354	P	Iamb	09 08 43.1	
R53A	comp=Z,150nm,1.2s					09 32 40.8	
R53A	comp=Z,12um,20.0s				IAMS_20	IAMS_20	
R53A	Hurricane	52.42	354	P	P	09 08 31.8	-1.0
R52A	Cattlettsburg	52.49	354	P	P	09 08 32.2	-1.2
R52A	baz=173,SNR=15					09 08 32.7	-1.1
U40A	Yellville	52.55	343	P	Iamb	09 08 42.7	
U40A	comp=Z,173nm,1.0s					09 08 33.5	-0.4
U40A	Yellville	52.55	343	P	S	09 15 58.7	-2.1
X34A	Smith Ranch, M	52.56	338	P	P	09 08 34.0	0.0
R51A	Hillsboro	52.56	353	P	P	09 08 33.0	-0.9
R51A	baz=171,SNR=35					09 15 56.4	-4.5
R50A	Paris	52.64	352	P	Iamb	09 08 33.1	-1.4
R50A	baz=171					09 08 47.1	
R50A	comp=Z,154nm,1.0s					09 32 43.6	
R50A	comp=Z,13um,20.0s				IAMS_20	IAMS_20	
R50A	Paris	52.64	352	P	P	09 08 33.5	-1.0
R50A	baz=170,SNR=47					09 15 57.7	-4.2
Q59A	Harwood	52.69	360	P	S	09 08 35.1	+0.3
Q59A	baz=180					09 16 03.2	+0.6
W35A	Tecumseh	52.71	339	P	P	09 08 34.2	-0.9
R49A	Shelbyville	52.77	351	P	Iamb	09 08 34.3	-1.1
R49A	baz=169,SNR=35					09 33 17.0	
R49A	baz=169					09 08 34.1	-1.3
Q58A	Fox Den Farm,	52.78	359	P	S	09 08 35.6	+0.2
Q58A	baz=178,SNR=26					09 16 04.1	+0.3
HHAR	Hobbs	52.79	342	P	Iamb	09 08 34.7	-1.0
HHAR	comp=Z,244nm,1.5s					09 08 46.6	
Q60A	Greensboro	52.83	0	P	Iamb	09 08 35.9	+0.1
Q60A	comp=Z,152nm,0.9s					09 08 38.1	
Q60A	comp=Z,9um,21.0s				IAMS_20	IAMS_20	
Q60A	Greensboro	52.83	0	P	P	09 08 36.5	+0.7
USIN	University of	52.87	349	P	Iamb	09 08 35.3	-0.8
USIN	baz=181					09 08 44.2	
WCI	Wyandotte Cave	52.88	350	P	P	09 08 34.7	-1.5
WCI	comp=Z,175nm,0.9s					09 08 34.7	-1.5
WCI	comp=Z,200nm,1.0s					09 08 34.8	-1.5
WCI	comp=Z,10um,20.0s				IAMS_20	IAMS_20	
WCI	Wyandotte Cave	52.88	350	P	P	09 08 34.7	-1.5
WCI	Wyandotte Cave	52.88	350	P	Iamb	09 08 34.8	-1.5
WCI	Wyandotte Cave	52.88	350	P	P	09 08 34.8	-1.5
WCI	baz=168					09 16 00.4	-4.9
Q57A	Strasburg	52.89	358	P	S	09 08 36.5	+0.2
Q57A	baz=177,SNR=30					09 16 05.2	-0.2
Q53A	Leroy	52.90	355	P	P	09 08 35.6	-0.8
Q54A	Carbondale	52.93	347	P	P	09 08 35.6	-1.0
Q54A	Snyder Ridge,	52.93	357	P	Iamb	09 08 36.7	0.0
Q54A	comp=Z,217nm,1.4s					09 08 49.8	
Q56A	comp=Z,9um,21.0s				IAMS_20	IAMS_20	
Q56A	Snyder Ridge	52.93	357	P	P	09 08 36.9	+0.3
Q56A	baz=176,SNR=19					09 16 05.3	-0.6
Q55A	Buckhannon	52.93	356	P	P	09 08 36.8	+0.1
Q55A	baz=176					09 16 04.7	-1.3
Q54A	Coxs Mills	52.97	356	P	Iamb	09 08 36.3	-0.6
Q54A	comp=Z,154nm,1.4s					09 08 47.0	
Q54A	comp=Z,9um,22.0s				IAMS_20	IAMS_20	
Q54A	Coxs Mills	52.97	356	P	P	09 08 37.1	0.0
FNO	Franklin	52.99	338	P	P	09 08 37.1	0.0
TUL1	Leonard	53.03	340	P	P	09 08 37.1	-0.3
TUL1	Leonard	53.03	340	P	P	09 08 37.1	-0.3
TUL1	baz=156,SNR=54					09 08 37.1	-0.3

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TUL1	baz=156			S	S	09 16 06.1	-1.3
WMOK	Wichita Mounta	53.04	337	P	P	09 08 36.7	-0.8
WMOK	comp=Z,84nm,1.4s					09 08 36.7	-0.8
WMOK	comp=Z,4um,22.0s					09 08 36.7	-0.8
WMOK	Wichita Mounta	53.04	337	P	P	09 08 36.7	-0.8
WMOK	Wichita Mounta	53.04	337	P	P	09 08 36.7	-0.8
WMOK	baz=152,SNR=38					09 16 06.5	-1.1
Q52A	Bidwell	53.07	354	P	P	09 08 36.7	-1.0
Q52A	baz=173,SNR=17					09 08 37.6	-0.2
U38A	Gravette	53.07	342	P	P	09 08 37.6	-0.2
MGMO	Mountain Grove	53.14	344	P	P	09 08 37.5	-0.7
Q50A	Georgetown	53.15	353	P	P	09 08 37.2	-1.1
OKCFA	Oklahoma City	53.15	338	P	Iamb	09 08 37.6	-0.7
OKCFA	comp=Z,121nm,1.2s					09 08 48.8	
SDMO	Soldier's Deli	53.23	360	P	P	09 08 38.8	-0.1
Q51A	Peebles	53.25	353	P	Iamb	09 08 38.0	-1.0
Q51A	comp=Z,156nm,1.2s					09 08 39.7	+0.2
Q51A	Peebles	53.25	353	P	P	09 08 38.0	-1.0
P58A	Pank, Wackersv	53.32	359	P	P	09 08 39.7	+0.2
P57A	Homestead Farm	53.33	358	P	Iamb	09 08 39.5	-0.1
P57A	comp=Z,120nm,1.4s					09 33 45.9	
P57A	comp=Z,9um,18.0s				IAMS_20	IAMS_20	
P57A	Homestead Farm	53.33	358	P	P	09 08 40.0	+0.5
P56A	Dayton Farm, R	53.38	358	P	P	09 08 40.3	+0.4
P56A	baz=177,SNR=17					09 08 40.3	+0.2
MNTX	Cornudas Mount	53.38	329	P	P	09 08 40.3	+0.2
MNTX	comp=Z,12um,19.0s				IAMS_20	IAMS_20	
MNTX	Cornudas Mount	53.38	329	P	P	09 08 39.7	-0.4
P55A	Reedsville	53.43	357	P	P	09 08 39.8	-0.5
P55A	baz=176,SNR=7.5					09 08 39.1	-1.2
Q49A	Aurora	53.43	352	P	P	09 08 39.1	-1.2
Q49A	baz=170,SNR=4.0					09 08 40.8	+0.5
P59A	Jarrettsville	53.43	360	P	P	09 08 40.8	+0.5
P59A	baz=180,SNR=11					09 08 39.5	-1.2
Q48A	North Vernon	53.48	351	P	P	09 08 39.5	-1.2
Q48A	baz=169,SNR=36					09 08 41.6	+0.8
P61A	Hamonton	53.52	1	P	P	09 08 41.7	+0.8
P61A	Hamonton	53.52	1	P	P	09 08 41.7	+0.8
P61A	baz=182,SNR=5.8					09 08 51.4	-0.5
P53A	Whipple	53.52	355	P	Iamb	09 08 40.5	-0.5
P53A	comp=Z,105nm,1.2s					09 08 40.1	-0.8
P53A	Whipple	53.52	355	P	P	09 08 40.1	-0.8
P54A	Burton	53.56	356	P	P	09 08 40.2	-1.1
P54A	baz=174,SNR=16					09 08 40.9	-0.5
MCWV	Mont Chateau	53.58	357	P	P	09 08 40.9	-0.5
MCWV	Mont Chateau	53.58	357	P	P	09 08 40.9	-0.5
P60A	Greenville	53.64	1	P	Iamb	09 08 42.0	+0.2
P60A	comp=Z,140nm,1.4s					09 08 57.5	
P60A	comp=Z,10um,22.0s				IAMS_20	IAMS_20	
P60A	Greenville	53.64	1	P	P	09 08 41.9	+0.2
P60A	baz=181,SNR=8.0					09 08 40.2	-1.8
P51A	Williamsport	53.67	354	P	P	09 08 40.2	-1.8
P51A	comp=Z,15um,20.0s				IAMS_20	IAMS_20	
P51A							

M54A	comp=Z,8um,21.0s Oil Creek Stat baz=176,SNR=27	55.41	357	P	P	09 08 54.0	-0.7
M51A	baz=173,SNR=9.8 Elyria	55.42	355	P	P	09 08 53.4	-1.3
M52A	comp=Z,8um,21.0s Chesterland	55.55	355	P	P	09 08 54.7	-1.0
M52A	IAMS_20					09 34 15.8	
M52A	comp=Z,8um,21.0s Chesterland	55.55	355	P	P	09 08 54.5	-1.2
M50A	baz=174,SNR=8.5 Fremont	55.57	354	P	P	09 08 54.6	-1.2
M50A	comp=Z,102nm,0.8s					09 09 08.5	
M50A	comp=Z,13um,19.0s Fremont	55.57	354	P	P	09 08 54.6	-1.2
M64A	baz=172,SNR=21 Tiverton	55.58	5	P	P	09 08 55.9	+0.1
M64A	baz=186			S	S	09 16 41.5	+0.1
ALLY	baz=186 Alegheny Colle	55.58	357	P	P	09 08 54.5	-1.4
ALLY	comp=Z,97nm,1.0s			I	Amb	09 09 08.4	
KSC2	baz=171,SNR=11.1 Kent School, K	55.61	3	P	P	09 08 56.2	+0.1
KSC2	comp=Z,10um,21.0s			I	Amb	09 09 09.1	
M65A	comp=Z,153nm,1.1s Busby, Falmout	55.63	5	I	Ams_20	09 33 24.9	
HD1L	comp=Z,10um,21.0s Hopedale	55.69	348	P	P	09 08 55.1	-1.2
HD1L	comp=Z,10um,21.0s Hopedale	55.69	348	P	P	09 08 55.1	-1.5
M49A	baz=165,SNR=10 Liberty Center	55.74	353	P	P	09 08 55.8	-1.2
M49A	baz=171,SNR=18			S	S	09 16 38.8	-4.9
L57A	baz=171 Andrews Acres	55.82	360	P	P	09 08 57.7	0.0
L57A	baz=173,SNR=18			S	S	09 16 43.0	-1.9
M47A	baz=179 Cromwell	55.84	352	P	P	09 08 56.2	-1.5
M47A	baz=169,SNR=10			S	S	09 16 38.5	-6.5
L60A	baz=169 Shokan	55.84	2	P	P	09 08 58.6	+0.8
L60A	baz=182,SNR=30			S	S	09 16 45.6	+0.5
M48A	baz=182 Edgerton	55.84	352	P	P	09 08 56.3	-1.5
M48A	comp=Z,15um,20.0s Edgerton	55.84	352	P	P	09 08 56.3	-1.5
M48A	baz=170			S	S	09 16 39.4	-5.7
L63A	baz=170 North Scituate	55.85	4	P	P	09 08 58.2	+0.4
L63A	baz=186,SNR=9.3			S	S	09 16 44.5	-0.9
L58A	baz=180 Harry Jones Me	55.87	0	P	P	09 08 57.1	-1.1
L53A	baz=180 Girard	55.89	356	P	P	09 08 57.1	-1.1
L53A	baz=175,SNR=22			S	S	09 16 40.5	-5.2
BRYW	baz=175 Bryant College	55.91	4	P	P	09 08 58.9	+0.6
L62A	baz=184,SNR=9.2 Suffield	55.96	3	P	P	09 08 58.9	+0.3
L56A	baz=178 Greenwood	55.97	359	P	P	09 08 58.4	-0.4
L56A	comp=Z,124nm,1.1s Greenwood	55.97	359	P	P	09 08 58.4	-0.4
L56A	baz=178,SNR=23			S	S	09 16 44.6	-2.2
L64A	baz=178 Middleborough	55.99	5	P	P	09 08 59.2	+0.4
L64A	baz=186,SNR=6.4			S	S	09 16 44.6	-2.2
BINY	baz=178 Binghamton	56.02	0	P	P	09 08 59.0	-0.1
BINY	comp=Z,104nm,0.9s Binghamton	56.02	0	P	P	09 08 59.0	-0.1
L59A	baz=180,SNR=21 Walton	56.02	1	P	P	09 08 59.7	+0.6
L59A	baz=182,SNR=41			S	S	09 16 46.5	-1.0
L55A	baz=182 Hinsdale	56.03	358	P	P	09 08 58.5	-0.7
L55A	baz=178,SNR=24			S	S	09 16 44.6	-3.1
ERPA	baz=178 Erie	56.04	357	P	P	09 08 58.3	-0.9
ERPA	comp=Z,127nm,1.1s			I	Amb	09 09 12.1	
ERPA	comp=Z,127nm,1.1s Erie	56.04	357	P	P	09 08 58.3	-0.9
L61A	baz=176,SNR=13 Hillsdale H	56.07	3	P	P	09 08 60.0	+0.6
L61A	baz=183,SNR=17			S	S	09 16 48.6	+0.5
L54A	baz=183 Sinclairville	56.12	357	P	P	09 08 58.9	-0.9
L54A	baz=176,SNR=34			S	S	09 16 44.4	-4.4
N41A	baz=176 Harden Midland	56.16	347	P	P	09 08 58.9	-1.2
N41A	comp=Z,161nm,1.1s			I	Amb	09 09 09.9	
L50A	comp=Z,161nm,1.1s Kingsville	56.18	354	P	P	09 08 58.6	-1.6
KSU1	baz=172,SNR=10 Kansas State U	56.21	341	P	P	09 08 59.6	-0.8
KSU1	baz=156,SNR=20			S	S	09 16 47.5	-2.5
QUA2	baz=156 Belchertown	56.22	4	P	P	09 09 00.7	+0.2
QUA2	comp=Z,105nm,1.1s			I	Amb	09 09 12.1	
QUA2	comp=Z,13um,22.0s Midewin, Midew	56.26	349	I	Ams_20	09 34 48.4	
M44A	comp=Z,10um,21.0s N Adams	56.26	353	P	P	09 08 59.1	-1.6
L48A	baz=170			S	S	09 16 44.8	-5.9
WVNY	baz=170 West Valley, N	56.26	358	P	P	09 09 00.8	-0.1
R32A	Long Quarter,	56.29	339	P	P	09 09 00.5	-0.6
L49A	baz=171,SNR=23 Milan	56.34	353	P	P	09 09 00.3	-1.1
L61B	baz=171 Northampton	56.37	3	P	P	09 09 01.9	+0.3
L61B	baz=184,SNR=12			S	S	09 16 51.7	-0.3
L47A	baz=184 Sherwood	56.39	352	P	P	09 08 59.9	-1.8
L47A	baz=170			S	S	09 16 45.8	-6.5
WES	baz=170 Weston	56.40	4	P	P	09 09 01.8	+0.1
WES	comp=Z,70nm,0.9s			P	max		
WES	comp=Z,70nm,0.9s Weston	56.40	4	P	P	09 09 01.8	+0.1
K54A	comp=Z,70nm,0.9s Basiliko Farm,	56.47	358	P	P	09 09 01.6	-0.6
K54A	baz=177,SNR=18			S	S	09 16 49.1	-4.3
K60A	baz=177 Five Rivers En	56.48	2	P	P	09 09 03.0	+0.7
K60A	baz=183,SNR=15			S	S	09 16 54.0	+0.5
HRV	baz=183 Adam Dziewonsk	56.50	4	P	P	09 09 03.1	+0.7
HRV	comp=Z,96nm,0.9s			P	max		
HRV	comp=Z,8um,22.0s Adam Dziewonsk	56.50	4	P	P	09 09 03.1	+0.7
HRV	comp=Z,8um,22.0s Adam Dziewonsk	56.50	4	P	P	09 09 03.1	+0.7
HRV	comp=Z,96nm,0.8s Adam Dziewonsk	56.50	4	I	Ams_20	09 33 42.8	
HRV	comp=Z,8um,22.0s Adam Dziewonsk	56.50	4	P	P	09 09 03.2	+0.8
AAM	baz=186 Ann Arbor	56.52	354	P	P	09 09 01.4	-1.2
AAM	baz=172,SNR=6.1			S	S	09 16 48.4	-5.7
K56A	baz=172 Middlesex	56.52	359	P	P	09 09 02.3	-0.4
K56A	baz=179,SNR=11			S	S	09 16 50.9	-3.3
ANMO	baz=179 Albuquerque	56.53	330	P	P	09 09 03.2	+0.2
ANMO	comp=Z,41nm,1.1s, baz=137, slow=8.8, SNR=69	56.53	330	P	P	09 09 02.7	-0.4
ANMO	comp=Z,68nm,0.9s	56.53	330	P	P	09 09 03.0	-0.1
ANMO	comp=Z,65nm,0.9s	56.53	330	I	Ams_20	09 31 44.1	
ANMO	comp=Z,9um,19.0s	56.53	330	P	P	09 09 03.4	+0.3
ANMO	baz=144			S	S	09 16 54.5	-0.4
K57A	baz=144 Scipio Center	56.55	360	P	P	09 09 02.5	-0.3
K57A	baz=180,SNR=22			S	S	09 16 51.8	-2.7
K57A	baz=180			S	S	09 09 03.5	+0.6
K61A	baz=184,SNR=14 Williamstown	56.56	3	P	P	09 09 02.4	-0.6
K55A	baz=178,SNR=15 Perry	56.57	358	P	P	09 09 02.4	-0.6
K55A	baz=178			S	S	09 16 51.4	-3.3
L46A	baz=178 Eue Claire	56.58	351	P	P	09 09 02.0	-1.1
L46A	comp=Z,144nm,1.1s			I	Ams_20	09 35 50.0	
L46A	comp=Z,144nm,1.1s Eue Claire	56.58	351	P	P	09 09 01.0	-2.0
L46A	baz=168,SNR=5.8			S	S	09 16 47.2	-7.7
K58A	baz=168 Earville	56.59	1	P	P	09 09 03.4	+0.3
K58A	comp=Z,8um,22.0s Earville	56.59	1	P	P	09 09 03.3	+0.2
K58A	baz=181,SNR=20			S	S	09 16 53.3	-1.7
TRY	baz=181 Tro	56.60	2	P	P	09 09 03.1	0.0
K59A	comp=Z,11um,20.0s Cooperstown	56.61	1	P	P	09 09 03.7	+0.4
K59A	baz=182,SNR=24			S	S	09 16 54.7	-0.6
K62A	baz=182 Royalston	56.61	4	P	P	09 09 03.9	+0.6
K62A	comp=Z,98nm,0.9s			I	Ams_20	09 33 13.4	
K62A	comp=Z,14um,22.0s Royalston	56.61	4	P	P	09 09 03.7	+0.5
K62A	baz=185,SNR=8.5			S	S	09 16 54.0	+0.3
K63A	baz=186,SNR=5.8 Dunstable	56.68	4	P	P	09 09 04.0	+0.3
K63A	baz=186			S	S	09 16 57.4	+1.3
TUC	baz=186 Tucson	56.71	325	P	P	09 09 04.4	+0.1
TUC	comp=Z,53nm,1.0s			P	max		
TUC	comp=Z,53nm,1.0s Tucson	56.71	325	P	P	09 09 04.4	+0.1
TUC	baz=139			S	S	09 16 58.4	+1.2
K51A	baz=139 Iona Station	56.74	355	P	P	09 09 02.0	-2.1
K52A	baz=174 Tillsontown	56.74	356	P	P	09 09 03.0	-1.2
K50A	baz=175,SNR=16 Casco	56.89	354	P	P	09 09 03.7	-1.5
K50A	comp=Z,156nm,1.1s			I	Ams_20	09 34 39.1	
K50A	comp=Z,12um,21.0s Casco	56.89	354	P	P	09 09 03.5	-1.7
K50A	baz=173,SNR=14			S	S	09 16 52.9	-5.9
K49A	baz=173 Clarkson	56.98	354	P	P	09 09 03.9	-1.9
K49A	baz=172,SNR=10			S	S	09 16 53.8	-6.3
CBKS	baz=172 Cedar Bluff	57.00	338	P	P	09 09 06.1	-0.1
CBKS	comp=Z,133nm,1.0s			P	max		
CBKS	comp=Z,4um,22.0s Cedar Bluff	57.00	338	P	P	09 09 06.1	-0.1
CBKS	comp=Z,133nm,0.9s Cedar Bluff	57.00	338	P	P	09 09 05.7	-0.5
CBKS	baz=153,SNR=33			S	S	09 16 58.5	-2.2
L44A	baz=153 Lake County Fo	57.00	350	P	P	09 09 04.7	-1.3
L44A	comp=Z,106nm,1.1s			I	Ams_20	09 35 30.1	
L44A	comp=Z,12um,21.0s Lake County Fo	57.00	350	P	P	09 09 03.7	-2.4
L44A	baz=167			S	S	09 16 53.0	-7.4
MED0	baz=167 Medina	57.02	358	P	P	09 09 05.3	-0.8
MED0	comp=Z,8um,18.0s Verontville	57.05	352	P	P	09 09 04.5	-1.8
K47A	baz=170,SNR=12			S	S	09 16 55.5	-5.8
K47A	baz=170 Perry	57.07	353	P	P	09 09 05.0	-1.5
K48A	baz=171,SNR=38			S	S	09 16 54.7	-6.6
J56A	baz=171 Wolcott	57.10	360	P	P		

15d 8h

H57A		S	S	09 17 14.8	-2.4
W18A	baz=181	P	P	09 09 16.3	+0.7
W18A	Petrified Fore	58.30	328	09 09 16.1	+0.6
W18A	baz=141,SNR=67	S	S	09 17 20.8	+2.7
I47A	baz=141	P	IAMB	09 09 13.2	-2.0
I47A	Gladin	58.32	353	09 09 24.6	
I47A	comp=Z,149nm,1.1s	P	P	09 09 13.7	-1.6
I47A	Gladin	58.32	353	09 17 11.4	-6.2
I47A	baz=171	S	S	09 17 11.4	-6.2
DELO	Deloro Mine	58.35	359	09 09 14.1	-1.3
DELO	comp=Z,137nm,1.3s	IAMB	IAMB	09 09 16.9	
DELO	comp=Z,8um,21.0s	IAMS_20	IAMS_20	09 34 57.7	
I46A	Reed City	58.35	352	09 09 14.2	-1.3
H55A	Tweed	58.37	359	09 09 15.1	-0.5
H55A	baz=179,SNR=13	S	S	09 17 13.8	-4.5
SDCO	Great Sand Dun	58.39	333	09 09 16.2	-0.1
SDCO	comp=Z,55nm,0.8s	IAMB	IAMB	09 09 25.2	
SDCO	Great Sand Dun	58.39	333	09 09 16.3	0.0
SDCO	baz=146	S	S	09 17 19.4	0.0
I48A	Sherman Twp	58.39	354	09 09 14.7	-1.0
I48A	baz=172	S	S	09 17 12.2	-6.4
H56A	Elgin	58.41	0	09 09 16.0	+0.1
H56A	baz=180,SNR=33	S	S	09 17 15.6	-3.2
H53A	Bobcaygeon	58.43	358	09 09 15.0	-1.0
H53A	baz=177,SNR=15	S	S	09 17 13.7	-5.4
LONY	Lake Ozonia	58.46	1	09 09 16.5	+0.2
LONY	comp=Z,8um,18.0s	IAMS_20	IAMS_20	09 37 46.7	
LONY	Lake Ozonia	58.46	1	09 09 16.5	+0.2
H60A	Morristown	58.47	3	09 09 16.9	+0.6
H60A	baz=184,SNR=13	P	P	09 17 20.9	+1.2
H61A	Lyndonville	58.49	4	09 09 17.3	+0.8
H61A	baz=185,SNR=16	S	S	09 17 22.1	+2.1
H59A	Cadyville	58.51	2	09 09 17.0	+0.4
H59A	baz=183,SNR=50	S	S	09 17 20.0	-0.2
H52A	Wyevale	58.55	357	09 09 15.4	-1.4
H52A	baz=176	P	P	09 09 15.4	-1.4
I45A	Fountain	58.55	352	09 09 15.0	-1.9
I45A	comp=Z,11um,21.0s	IAMS_20	IAMS_20	09 35 10.2	
I45A	Fountain	58.55	352	09 17 13.6	-7.1
I45A	baz=169	S	S	09 17 13.6	-7.1
H62A	Milan	58.58	4	09 09 18.4	+1.3
H62A	comp=Z,69nm,1.1s	IAMB	IAMB	09 09 30.1	
H62A	Milan	58.58	4	09 09 18.8	+1.7
H62A	baz=186,SNR=5.5	IAMS_20	IAMS_20	09 35 06.4	
H62A	Milan	58.58	4	09 17 23.6	+2.4
SADO	Sadowa	58.64	358	09 09 16.3	-1.2
SADO	comp=Z,36nm,0.8s,baz=231,slow=3.0,SNR=29	P	P	09 09 17.1	-0.4
SADO	Sadowa	58.64	358	09 09 29.6	
SADO	comp=Z,62nm,1.0s	IAMB	IAMB	09 09 29.6	
X16A	Lo Mia Camp, P	58.66	326	09 09 18.5	+0.4
X16A	comp=Z,9um,22.0s	IAMB	IAMB	09 09 28.3	
WVW	Waterville	58.70	6	09 09 18.6	+0.7
WVW	comp=Z,73nm,1.0s	IAMB	IAMB	09 09 31.3	
FRNY	Flat Rock	58.71	2	09 09 18.6	+0.7
H63A	New Sharon	58.76	5	09 09 19.2	+0.9
H63A	baz=187,SNR=14	S	S	09 17 24.1	+0.7
BGNE	Belgrade	58.79	341	09 09 18.4	-0.3
BGNE	Belgrade	58.79	341	09 09 17.9	-0.7
BGNE	comp=Z,155,SNR=20	S	S	09 17 21.0	-3.0
H64A	Troy	58.82	6	09 09 18.0	-0.7
I42A	Draeger Farm,	58.84	349	09 09 18.0	-0.9
I42A	baz=188	P	IAMB	09 09 30.0	
I42A	comp=Z,87nm,1.0s	IAMS_20	IAMS_20	09 36 36.8	
H47A	Mio	58.85	353	09 09 17.3	-1.7
H48A	Harrisville	58.86	354	09 09 17.4	-1.6
H48A	comp=Z,84nm,0.8s	IAMB	IAMB	09 09 28.5	
H48A	comp=Z,11um,20.0s	IAMS_20	IAMS_20	09 35 38.9	
H48A	Harrisville	58.86	354	09 09 17.5	-1.6
PLVO	Plevna	58.86	359	09 09 17.5	-1.5
H46A	Fife Lake	58.91	353	09 17 18.9	-6.5
G57A	Newington	58.94	1	09 09 19.6	+0.1
G57A	baz=182,SNR=24	S	S	09 17 24.0	-1.6
G59A	Clarenceville	58.97	3	09 09 20.1	+0.4
G59A	baz=184,SNR=16	P	P	09 09 18.9	-0.9
G53A	Haliburton	58.98	358	09 09 18.9	-0.9
S22A	4UR Ranch, Cre	58.98	332	09 09 20.2	-0.2
S22A	4UR Ranch, Cre	58.98	332	09 09 20.7	+0.3
S22A	baz=145,SNR=39	S	S	09 17 26.7	-0.5
G58A	Ormsdown	59.00	2	09 09 20.3	+0.3
G58A	baz=182,SNR=33	S	S	09 17 26.4	-0.1
G60A	Masonville	59.03	3	09 09 20.7	+0.5
G60A	baz=184,SNR=13	S	S	09 17 28.2	+1.3
G55A	Calabogie	59.07	360	09 09 20.1	-0.4
EMMW	East Machias	59.09	7	09 09 19.5	-1.2
H45A	Beulah	59.10	352	09 09 19.5	-1.2
GLMI	Grayling	59.12	353	09 09 19.5	-1.3
GLMI	comp=Z,65nm,0.7s	IAMB	IAMB	09 09 34.3	
GLMI	Grayling	59.12	353	09 09 19.4	-1.5
Y14A	Wickenburg	59.16	325	09 09 22.3	+0.9
Y14A	comp=Z,72nm,1.1s	IAMB	IAMB	09 09 31.5	
Y14A	comp=Z,11um,18.0s	IAMS_20	IAMS_20	09 34 27.1	
I40A	Norwalk	59.16	348	09 09 20.3	-0.9
I40A	comp=Z,140nm,1.4s	IAMB	IAMB	09 09 32.0	
I40A	comp=Z,140nm,1.4s	IAMS_20	IAMS_20	09 32 50.4	
H66A	Whiting	59.18	7	09 09 21.8	+0.6
H66A	comp=Z,8um,20.0s	P	P	09 09 21.8	+0.6
H66A	baz=190	P	P	09 09 21.8	+0.6

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H43A	Windswept, Lux	59.21	351	09 09 20.1	-1.3
H43A	comp=Z,73nm,0.8s	P	IAMB	09 09 31.3	
H43A	comp=Z,73nm,0.8s	IAMS_20	IAMS_20	09 37 21.5	
G54A	Lake Saint Pet	59.24	359	09 09 20.9	-0.8
G54A	baz=178,SNR=24	S	S	09 17 23.9	-5.7
G63A	Kingsbury	59.25	6	09 09 22.6	+0.8
G63A	baz=188,SNR=7.0	S	S	09 17 31.1	+1.3
Q24A	Divide	59.25	334	09 09 21.1	-1.2
Q24A	comp=Z,67nm,1.1s	IAMB	IAMB	09 09 25.2	
Q24A	Divide	59.25	334	09 09 23.8	+1.5
Q24A	baz=147,SNR=27	S	S	09 17 31.7	+1.0
G61A	St-Isidore-de-	59.26	4	09 09 22.9	+1.1
G61A	baz=185,SNR=31	S	S	09 17 31.6	+1.7
G62A	West of Eustis	59.27	5	09 09 22.7	+0.8
G62A	comp=Z,8um,20.0s	IAMS_20	IAMS_20	09 35 26.6	
G62A	West of Eustis	59.27	5	09 09 23.0	+1.1
G62A	baz=186,SNR=20	S	S	09 17 31.4	+1.4
MVCO	Mesa Verde	59.33	330	09 09 23.2	+0.4
MVCO	comp=Z,60nm,1.0s	IAMB	IAMB	09 09 31.6	
MVCO	Mesa Verde	59.33	330	09 09 23.0	+0.2
MVCO	baz=143,SNR=33	S	S	09 17 32.5	+0.9
G47A	Hillman	59.38	354	09 09 21.2	-1.4
G47A	baz=172,SNR=8.0	S	S	09 09 24.4	+1.5
PKME	Peaks-Kenny Pk	59.43	6	09 09 25.2	
PKME	comp=Z,119nm,1.2s	IAMB	IAMB	09 28 09.7	
PKME	Peaks-Kenny Pk	59.43	6	09 09 23.7	+0.7
PKME	comp=Z,8um,20.0s	IAMS_20	IAMS_20	09 38 09.7	
PKME	Peaks-Kenny Pk	59.43	6	09 17 32.3	+0.3
PKME	baz=188	S	S	09 17 32.3	+0.3
WUJAZ	Wupatki	59.46	327	09 09 24.8	+1.2
WUJAZ	comp=Z,113nm,1.1s	IAMB	IAMB	09 09 33.9	
WUJAZ	Wupatki	59.46	327	09 09 24.6	+1.1
WUJAZ	baz=140,SNR=38	S	S	09 17 36.5	+3.4
G45A	Suttons Bay	59.46	352	09 09 21.5	-1.7
G45A	comp=Z,95nm,1.2s	IAMB	IAMB	09 09 31.9	
G45A	Suttons Bay	59.46	352	09 09 21.6	-1.6
G45A	comp=Z,14um,21.0s	IAMS_20	IAMS_20	09 36 19.2	
G64A	Maxfield	59.47	6	09 09 23.7	+0.4
GGN	Saint George	59.57	8	09 09 33.5	0.3
GGN	comp=Z,7um,22.0s	IAMS_20	IAMS_20	09 33 57.3	
GLA	Glamis	59.57	323	09 09 24.9	+0.6
GLA	comp=Z,60nm,1.3s	Pmax	Pmax	09 09 24.9	+0.6
GLA	Glamis	59.57	323	09 09 24.0	+0.6
GLA	comp=Z,7um,18.0s	IAMS_20	IAMS_20	09 33 42.0	
GLA	Glamis	59.57	323	09 09 25.0	+0.8
GLA	baz=136,SNR=9.0	S	S	09 17 37.3	+2.9
HAC	Halifax	59.60	11	09 09 33.2	0.9
HAC	comp=Z,8um,22.0s	IAMS_20	IAMS_20	09 33 25.9	
SALV	Santiago Islan	59.63	63	09 09 01.8	
SALV	comp=Z,15um,21.0s	IAMS_20	IAMS_20	09 30 01.8	
G46A	Potoskey	59.64	353	09 09 22.9	-1.5
G46A	baz=170	P	P	09 09 24.0	-0.4
F55A	Otter Lake	59.65	0	09 09 24.0	-0.4
F55A	baz=180	S	S	09 17 32.4	-2.5
F52A	Sundridge	59.67	358	09 09 23.5	-1.1
F52A	baz=177,SNR=13	P	P	09 09 25.4	+0.2
OGNE	Ogallala	59.71	338	09 09 25.4	+0.2
OGNE	Ogallala	59.71	338	09 09 25.5	+0.4
OGNE	baz=151,SNR=14	P	P	09 09 25.4	+0.2
ALGO	Algonquin Park	59.79	359	09 09 24.8	-0.6
F49A	Sanfield	59.80	355	09 09 23.9	-1.6
F51A	Arnstein	59.83	357	09 09 24.6	-1.2
F63A	Nahmakanta, Br	59.88	6	09 09 27.0	+0.9
F63A	baz=176,SNR=12	P	IAMB	09 28 27.3	
F63A	Nahmakanta, Br	59.88	6	09 09 27.6	+1.5
F63A	baz=188	S	S	09 17 38.2	+0.3
Y12C	Blythe	59.89	323	09 09 27.5	+1.1
Y12C	comp=Z,74nm,1.1s	IAMB	IAMB	09 09 36.7	
Y12C	Blythe	59.89	323	09 09 28.0	+1.6
Y12C	baz=136,SNR=14	S	S	09 17 41.2	+2.7
F48A	Evansville	59.91	355	09 09 24.9	-1.4
F60A	Warwick	59.92	4	09 09 26.8	+0.4
F61A	St Evariste	59.99	4	09 09 27.1	+0.3
F61A	baz=186	S	S	09 17 39.4	+0.1
IKP	In-Ko-Pah, Jac	60.05	321	09 09 29.3	+1.7
TRQ	Mont Tremblant	60.06	1	09 09 27.0	-0.4
SWSC	Sam W. Stewart	60.07	322	09 09 29.9	+2.2
PDMCI	Parker Dam, Lak	60.07	324	09 09 29.3	+1.7
PDMCI	baz=137,SNR=11	P	P	09 09 26.3	-1.1
F45A	CMU Biological	60.08	353	09 09 26.3	

D60A	baz=186	S	S	09 17 51.1	-0.1		
BELC	Belle Mtn. Jos baz=135,SNR=16	60.93	323	P	P	09 09 34.7	+1.0
BELC	baz=135	S	S	09 17 55.5	+3.4		
PFO	Pinyon Flats O	60.93	322	P	P	09 09 34.6	+0.9
PFO	Pinyon Flats O	60.93	322	P	P	09 09 35.1	+1.4
PFO	comp=Z,103nm,1.3s	P	P	09 09 35.0	+1.4		
PFO	comp=Z,103nm,1.2s	IAMB	IAMB	09 09 44.0	-0.1		
PFO	Pinyon Flats O	60.93	322	IAMS_20	IAMS_20	09 30 39.9	
PFO	Pinyon Flats O	60.93	322	P	P	09 09 34.7	+1.1
PFO	baz=134	S	S	09 17 56.6	+4.5		
PQI	Presque Isle	60.95	7	P	P	09 09 34.4	+1.0
PQI	comp=Z,102nm,1.1s	IAMS_20	IAMS_20	09 09 46.6			
PQI	comp=Z,102nm,1.1s	IAMS_20	IAMS_20	09 35 05.0			
E43A	Loe Tree Farm	60.95	352	P	P	09 09 33.0	-0.4
E43A	comp=Z,12um,22.0s	IAMS_20	IAMS_20	09 36 43.7			
D59A	Saint-Raymond	60.96	4	P	P	09 09 33.5	+0.1
D59A	baz=185	S	S	09 17 51.5	-0.2		
D51A	Lot 18 Range I	60.97	358	P	P	09 09 31.7	-1.7
D54A	Lac Fusel, La	60.97	360	P	P	09 09 32.5	-1.0
D58A	Chemin du LacG	60.99	3	P	P	09 09 34.0	+0.4
D58A	baz=184,SNR=55	S	S	09 17 50.9	-1.2		
COWI	Conover	61.02	350	P	P	09 09 32.5	-1.4
COWI	comp=Z,12um,19.0s	IAMS_20	IAMS_20	09 38 18.1			
E44A	Grand Marais A	61.05	352	P	P	09 09 34.0	0.0
E44A	comp=Z,151nm,1.4s	IAMB	IAMB	09 09 44.2			
E44A	Grand Marais A	61.05	352	P	P	09 09 34.1	+0.1
D50A	G1974 Best Tow	61.07	357	P	P	09 09 32.7	-1.5
D50A	baz=176,SNR=22	S	S	09 17 46.1	-6.9		
D46A	Sault St. Mari	61.10	354	P	P	09 09 32.4	-2.0
D46A	baz=172,SNR=16	S	S	09 17 46.5	-7.0		
D47A	Chapleau	61.18	355	P	P	09 09 32.9	-0.2
D47A	baz=172,SNR=24	S	S	09 17 46.5	-7.0		
D48A	Paudash Townsh	61.19	356	P	P	09 09 33.0	-2.0
D48A	baz=174,SNR=21	S	S	09 17 46.5	-7.0		
N23A	Red Feather La	61.20	335	P	P	09 09 35.0	-0.6
N23A	Red Feather La	61.20	335	P	P	09 09 35.5	-0.1
N23A	baz=147,SNR=17	S	S	09 17 55.8	+0.2		
D62A	Allapoint, All	61.25	6	P	P	09 09 35.7	+0.3
D62A	comp=Z,101nm,1.1s	IAMB	IAMB	09 09 48.8			
D62A	comp=Z,8um,19.0s	IAMS_20	IAMS_20	09 39 14.0			
D62A	Allapoint, All	61.25	6	P	P	09 09 35.8	+0.3
D61A	St Aubert, Com	61.27	5	P	P	09 09 36.2	+0.7
D61A	baz=187,SNR=16	S	S	09 17 56.5	+1.0		
LATQ	La Tuque	61.29	3	P	P	09 09 35.6	0.0
LATQ	comp=Z,59nm,1.0s	IAMB	IAMB	09 09 48.6			
LATQ	La Tuque	61.29	3	P	P	09 09 35.7	0.0
LATQ	baz=184,SNR=19	S	S	09 17 54.8	-1.0		
GMRC	Granite Mounta	61.29	324	P	P	09 09 36.9	+0.8
GMRC	baz=136,SNR=21	S	S	09 17 59.6	+3.1		
GMRC	Stockholm	61.30	6	P	P	09 09 36.1	+0.3
D63A	Stockholm	61.30	6	P	P	09 09 37.7	+1.1
D63A	baz=189,SNR=11	S	S	09 17 59.6	+3.1		
KNB	Kanab	61.36	327	P	P	09 09 37.7	+1.1
KNB	comp=Z,152nm,1.3s	pmx	pmx				
MURC	Murrieta	61.36	322	P	P	09 09 37.8	+1.3
MURC	baz=134,SNR=10	S	S	09 18 04.7	+2.9		
PKCU	Pink Cliffs	61.41	328	P	P	09 09 37.9	+0.8
O20A	White River Ci	61.57	333	P	P	09 09 37.5	-0.5
O20A	comp=Z,82nm,1.0s	IAMB	IAMB	09 09 56.6			
O20A	comp=Z,82nm,1.0s	IAMS_20	IAMS_20	09 35 28.4			
O20A	White River Ci	61.57	333	P	P	09 09 38.4	+0.4
O20A	baz=144,SNR=21	S	S	09 18 04.2	+1.5		
LCMT	Little Creek M	61.58	327	P	P	09 09 39.0	+1.0
BBRC	Big Bear Solar I	61.66	322	P	P	09 09 40.2	+1.5
BBRC	baz=134,SNR=31	S	S	09 18 04.6	+3.1		
HEC	Hector,Ludlow	61.71	323	P	P	09 09 39.9	+1.0
HEC	baz=135,SNR=12	S	S	09 18 04.7	+2.9		
SC12	San Clemente I	61.77	320	P	P	09 09 44.4	+5.2
BATG	Bathurst New B	61.79	8	P	P	09 09 39.0	0.0
BATG	comp=Z,90nm,1.1s	IAMB	IAMB	09 09 52.4			
SUSD	Miller	61.79	342	P	P	09 09 38.1	-1.0
SUSD	Miller	61.79	342	P	P	09 09 37.9	-1.2
SUSD	baz=155	S	S	09 17 58.8	-3.6		
MTPU	Mount Pierson	61.80	328	P	P	09 09 40.7	+0.9
SRU	San Rafael Swe	61.81	330	P	P	09 09 39.5	-0.1
SRU	comp=Z,58nm,1.0s	pmx	pmx				
SRU	San Rafael Swe	61.81	330	P	P	09 09 39.5	-0.1
D41A	Chassel	61.86	351	P	P	09 09 39.1	-0.4
D41A	comp=Z,92um,22.0s	IAMS_20	IAMS_20	09 37 02.6			
TUQ	Turquoise Mount	61.90	324	P	P	09 09 42.0	+1.8
TUQ	baz=136	S	S	09 18 07.3	+2.9		
SZCU	Shurtz Canyon	61.93	327	P	P	09 09 41.3	+0.8
VLDQ	Val d'Or	61.94	359	P	P	09 09 39.8	-0.2
VLDQ	comp=Z,74nm,0.9s	IAMB	IAMB	09 09 55.2			
VLDQ	comp=Z,10um,20.0s	IAMS_20	IAMS_20	09 37 17.0			
E38A	The Farm, Brul	61.95	348	P	P	09 09 40.0	-0.1
E38A	comp=Z,90nm,1.3s	IAMB	IAMB	09 09 55.4			
E38A	comp=Z,9um,21.0s	IAMS_20	IAMS_20	09 38 36.2			
CIS	Catalina Island	61.97	321	P	P	09 09 43.2	+2.6
CIS	baz=133	S	S	09 18 09.0	+3.9		
CCUT	Cedar City	62.04	327	P	P	09 09 42.4	+1.2
BFSC	Mount Baldy Ra	62.08	322	P	P	09 09 43.1	+1.7
BFSC	baz=134,SNR=30	S	S	09 18 11.0	+4.4		
RRX	Edison Barstow	62.13	323	P	P	09 09 44.0	+2.3
RRX	baz=134	S	S	09 18 10.8	+3.7		
MSU	Marysvale	62.16	329	P	P	09 09 43.4	+1.4
MSU	Marysvale	62.16	329	P	P	09 09 43.4	+1.4
P17A	Butcher Ranch,	62.20	330	P	P	09 09 41.7	-0.5
SHRP	Sheep Range	62.24	325	P	P	09 09 44.0	+1.5
TMUT	Trail Mountain	62.28	330	P	P	09 09 44.3	+1.4
MWC	Mount Wilson	62.31	321	P	P	09 09 45.1	+2.0
MWC	comp=Z,125nm,1.3s	pmx	pmx				
MWC	Mount Wilson	62.31	321	P	P	09 09 45.1	+2.0

MWC	comp=Z,125nm,1.2s	IAMB	IAMB	09 09 54.2			
GSC	Goldstone, Bar	62.32	323	P	P	09 09 44.2	+1.2
GSC	comp=Z,47nm,1.2s	pmx	pmx				
GSC	Goldstone, Bar	62.32	323	P	P	09 09 44.1	+1.2
GSC	comp=Z,11um,18.0s	IAMS_20	IAMS_20	09 35 37.3			
GSC	Goldstone, Bar	62.32	323	P	P	09 09 45.1	+2.1
GSC	baz=135,SNR=14	S	S	09 18 12.8	+3.3		
PASC	Pasadena Art C	62.35	321	P	P	09 09 45.1	+2.0
RWWY	Rawlins	62.39	334	P	P	09 09 43.1	-0.4
RWWY	comp=Z,7um,20.0s	IAMS_20	IAMS_20	09 36 04.5			
SHOC	Shoshone, Teco	62.43	324	P	P	09 09 45.3	+1.7
SHOC	baz=136	S	S	09 18 13.8	+3.0		
SHOC	Green Verdugo	62.50	321	P	P	09 09 46.4	+2.2
SHOC	baz=133,SNR=11	S	S	09 18 15.7	+4.0		
DECC	baz=133	S	S	09 18 15.7	+4.0		
RDMU	Red Mountain	62.52	332	P	P	09 09 44.5	+0.2
TAOE	Nuku Hiva Isla	62.59	267	eS	eS	09 18 12.9	-0.8
TAOE	comp=Z,8um,26.1s	eLQ	LQ	09 25 43.7			
TAOE	comp=Z,12um,28.0s	eLR	LR	09 28 28.5			
TAOE	comp=Z,35um,24.8s, baz=102	eT	T	10 17 18.7			
EDW2	Edwards Air Fo	62.72	322	P	P	09 09 47.5	+1.8
EDW2	baz=134,SNR=13	S	S	09 18 12.9	-0.8		
BLG	Laguna Peak, P	62.85	321	P	P	09 09 47.5	+1.0
BLG	baz=132	S	S	09 18 12.9	-0.8		
LSOQ	Lebel-sur-Quev	62.88	360	P	P	09 09 46.0	-0.3
LSOQ	baz=179	S	S	09 18 12.9	-0.8		
K22A	Casper	62.91	335	P	P	09 09 47.8	+1.0
K22A	comp=Z,93nm,1.0s	IAMB	IAMB	09 10 01.0			
K22A	Casper	62.91	335	P	P	09 09 47.4	+0.5
K22A	baz=147,SNR=40	S	S	09 18 16.7	-0.1		
K22A	Laurel Mtn Rad	62.95	323	P	P	09 09 48.8	+1.5
LRMC	Laurel Mtn Rad	62.95	323	P	P	09 09 48.8	+1.5
LRMC	baz=134	S	S	09 18 16.7	-0.1		
OSI	Osito Audit: C	62.98	321	P	P	09 09 47.5	+0.3
OSI	Osito Audit: C	62.98	321	P	P	09 09 49.2	+1.8
OSI	baz=133	S	S	09 18 20.3	+2.4		
PSUT	Pine Spring	63.03	328	P	P	09 09 50.0	+2.2
MPU	Maple Canyon	63.05	330	P	P	09 09 48.4	+0.5
TPNV	Topopah Spring	63.17	325	P	P	09 09 50.1	+1.4
TPNV	comp=Z,64nm,1.2s	pmx	pmx				
TPNV	Topopah Spring	63.17	325	P	P	09 09 50.1	+1.4
TPNV	comp=Z,64nm,1.1s	IAMB	IAMB	09 09 58.6			
TPNV	comp=Z,64nm,1.1s	IAMS_20	IAMS_20	09 36 40.2			
TPNV	Topopah Spring	63.17	325	P	P	09 09 50.9	+2.2
TPNV	baz=136,SNR=31	S	S	09 18 23.7	+3.4		
FURC	Furnace Creek,	63.17	324	P	P	09 09 50.5	+2.0
FURC	baz=135,SNR=25	S	S	09 18 23.7	+3.4		
RSSD	Black Hills	63.20	338	P	P	09 09 49.2	+0.4
RSSD	comp=Z,97nm,1.4s	pmx	pmx				
RSSD	comp=Z,6um,22.0s	MLR	MLR	09 38 06.8			
RSSD	Black Hills	63.20	338	P	P	09 09 49.2	+0.4
RSSD	comp=Z,97nm,1.4s	IAMB	IAMB	09 10 00.2			
RSSD	Black Hills	63.20	338	P	P	09 09 49.5	+0.6
RSSD	baz=150	S	S	09 18 20.2	-0.4		
NLU	North Lily Min	63.22	330	P	P	09 09 49.6	+0.6
EYMN	Ely	63.23	349	P	P	09 09 48.1	-0.5
EYMN	Ely	63.23	349	IAMS_20	IAMS_20	09 39 31.9	
EYMN	comp=Z,11um,21.0s	S	S	09 18 28.2	+3.4		
EYMN	Ely	63.23	349	P	P	09 09 48.2	-0.5
EYMN	baz=164,SNR=15	S	S	09 18 15.1	-5.2		
EYMN	Manual Prospec	63.24	323	P	P	09 09 50.6	+1.4
EYMN	baz=134,SNR=26	S	S	09 18 24.9	+3.6		
MPMC	Manual Prospec	63.24	323	P	P	09 09 52.2	+2.2
MPMC	baz=134	S	S	09 18 26.2	+3.4		
ARVC	Arvin	63.39	322	P	P	09 09 52.2	+2.2
ARVC	baz=133	S	S	09 18 26.2	+3.4		
JRV	Jordanelle	63.42	331	P	P	09 09 51.2	+0.8
ISA	Isabella, Lake	63.55	322	P	P	09 09 52.1	+1.0
ISA	comp=Z,35nm,1.0s	pmx	pmx				
ISA	Isabella, Lake	63.55	322	P	P	09 09 52.0	+1.0
ISA	Isabella, Lake	63.55	322	P	P	09 09 52.9	+1.8
ISA	baz=134,SNR=14	S	S	09 18 28.2	+3.4		
MATO	Matagami	63.59	359	P	P	09 09 50.2	-0.8
MATO	baz=119,SNR=52	S	S	09 18 28.2	+3.4		
CTU	Camp Tracy	63.63	331	P	P	09 09 52.3	+0.6
D32A	Dogwood Acres,	63.71	344	P	P	09 09 51.5	-0.4
DUG	Dugway, Tootee	63.76	330	P	P	09 09 53.8	+1.2
DUG	comp=Z,96nm,1.0s	pmx	pmx				
DUG	Dugway, Tootee	63.76	330	P	P	09 09 53.8	+1.2
DUG	comp=Z,96nm,0.9s	IAMB	IAMB	09 10 02.2</			

DLMT	Dillon	67.67	333	P	P	09 10 18.8	+1.1
DLMT	comp=Z,6um,20.0s						
MFID	Camas Ranch	67.67	330	P	I	09 10 18.2	+0.5
MFID	comp=Z,99nm,0.9s						
MFID	comp=Z,9um,18.0s						
H07N1	FLORES T-PHASE	67.83	36	eP	P	09 10 20.1	+1.5
MCCM	Marconi Center	67.83	322	I	I	09 38 50.7	
ORV	Oroville	67.95	324	P	P	09 10 20.4	+1.0
ORV	comp=Z,150nm,1.2s						
ORV	Oroville	67.95	324	P	P	09 10 20.4	+1.0
H07N1	FLORES T-PHASE	68.09	36	eP	P	09 10 20.9	+0.6
GDXM	Geyers	68.21	322	I	I	09 36 56.3	
WVOR	Wild Horse Val	68.37	328	P	P	09 10 22.9	+0.8
WVOR	comp=Z,74nm,1.5s						
WVOR	Wild Horse Val	68.37	328	P	P	09 10 22.9	+0.8
O03E	Paynes Creek	68.61	324	P	P	09 10 23.3	-0.1
EGMT	Eagleton	68.64	337	P	P	09 10 22.5	-1.2
EGMT	comp=Z,68nm,1.0s						
EGMT	comp=Z,6um,18.0s						
EGMT	Eagleton	68.64	337	P	P	09 10 23.4	-0.2
EGMT	comp=Z,145,SNR=12						
HOR	Horza	68.79	38	eP	P	09 10 25.9	+1.3
PCED	Cedros	68.81	38	eP	P	09 10 26.5	+1.7
PCAN	Candelaria	68.84	39	eP	P	09 10 26.6	+1.6
MOD	Modoc Plateau	68.88	326	P	P	09 10 26.2	+0.9
MOD	comp=Z,94nm,1.1s						
MOD	comp=Z,7um,18.0s						
PICO	Pico	68.90	39	eP	P	09 10 27.3	+1.9
J08A	Circle Bar Ran	68.94	328	P	P	09 10 25.6	0.0
O02D	Mt. Diablo Mer	69.10	324	P	P	09 10 27.4	+0.7
SCHQ	Schefferville	69.14	6	P	P	09 10 25.9	-0.5
SCHQ	comp=Z,4um,19.8s,baz=186,slow=5.1,SNR=21						
SCHQ	Schefferville	69.14	6	P	P	09 10 24.5	-2.0
SCHQ	comp=Z,8um,22.0s						
ROSA	Rosais	69.15	39	eP	P	09 10 27.5	+0.6
ROSA	comp=Z,223nm,1.4s						
ROSA	Rosais	69.15	39	P	P	09 10 27.5	+0.6
PMAN	Manadas	69.19	39	eP	P	09 10 28.1	+1.0
WDC	Whiskeytown Da	69.22	324	P	P	09 10 27.0	-0.3
WDC	comp=Z,18nm,0.9s						
TBI	Tubuai	69.24	250	eS	S	09 19 33.2	-1.2
TBI	comp=Z,2um,28.8s						
TBI	comp=Z,2um,25.5s						
TBI	comp=Z,19um,26.2s,baz=91						
TBI	Tubuai	69.24	250	eT	T	10 25 30.3	
KCPM	Cahto Peak	69.24	323	I	I	09 10 28.4	+0.8
KCPM	comp=Z,58nm,1.0s						
KCPM	comp=Z,6um,18.0s						
VNA3	Neumayer Olymp	69.31	161	P	P	09 10 28.2	+0.8
MSO	Missoula	69.40	333	P	P	09 10 28.5	+0.0
MSO	comp=Z,114nm,1.3s						
MSO	Missoula	69.40	333	P	P	09 10 29.1	+0.7
BMO	Blue Mountains	69.45	330	P	P	09 10 28.9	+0.2
BMO	comp=Z,27nm,1.0s						
BMO	Blue Mountains	69.45	330	P	P	09 10 28.9	+0.2
SRBC	Serra Branca	69.47	38	eP	P	09 10 29.5	+0.2
PGRA	Graciosa	69.50	38	eP	P	09 10 29.6	+0.5
N02D	Trinity Center	69.58	324	P	P	09 10 29.3	-0.3
WNA1	Neumayer-Stat	69.58	161	P	P	09 10 30.2	+1.1
M04C	Macdoel	69.63	325	P	P	09 10 30.6	+0.6
KMRM	Mali Ridge	69.66	323	P	P	09 10 30.3	+0.2
KMRM	comp=Z,113nm,1.4s						
KMRM	comp=Z,6um,19.0s						
ADH	Angra Heroismo	69.72	39	eP	P	09 10 31.7	+1.3
TIAR	Tiareti	69.92	256	eT	T	10 26 24.9	
VNA2	Neumayer-Watz	69.93	161	P	P	09 10 31.8	+0.6
M02C	Callahan	69.94	324	P	P	09 10 32.2	+0.4
I07A	Izeze	69.98	328	P	P	09 10 32.6	+0.5
I07A	comp=Z,152nm,1.5s						
I07A	comp=Z,10um,20.0s						
PSMA	Santa Maria	70.03	42	eP	P	09 10 30.8	-1.6
PSMN	Pico do Norte	70.08	42	eP	P	09 10 34.9	+2.2
YBH	Yreka Blue Hor	70.08	325	P	P	09 10 32.2	-0.5
YBH	comp=Z,19nm,1.1s,baz=80,slow=3.2,SNR=41						
YBH	Yreka Blue Hor	70.08	325	P	P	09 10 32.8	+0.1
YBH	comp=Z,26nm,0.9s						
YBH	Yreka Blue Hor	70.08	325	P	P	09 10 32.8	+0.1
KHMM	Horse Mountain	70.10	324	P	P	09 10 33.4	+0.5
KHMM	comp=Z,6um,20.0s						
PPT2	Papeete2	70.13	256	eS	S	09 19 41.1	-4.2
PPT2	comp=Z,6um,23.5s						
PPT2	Papeete2	70.13	256	eLR	LR	09 31 51.2	
PPT	Papeete	70.14	256	LR	LR	09 34 38.4	
PDA	Ponta Delgada	70.14	41	eP	P	09 10 33.9	+0.9
PSAT	Sete Cidades	70.15	41	eP	P	09 10 34.3	+0.3
K04D	Chiloquin, OR	70.16	326	P	P	09 10 33.4	+1.1
L04D	Klamath Falls	70.18	325	P	P	09 10 33.9	+0.5
JCC	Jacoby Creek	70.23	323	P	P	09 10 34.9	+1.4
JCC	comp=Z,85nm,1.1s						
JCC	comp=Z,5um,18.0s						
F10A	Beach Ranch, E	70.24	331	P	P	09 10 34.5	+0.9
F10A	comp=Z,184nm,0.9s						
CMLA	Cha da Macela	70.24	41	eP	P	09 10 35.2	+1.5
CMLA	comp=Z,9um,20.0s						
PCAL	Caldas da R	70.28	41	eP	P	09 10 33.6	-0.3
J05D	Fort Rock, OR	70.33	327	P	P	09 10 35.4	+1.1

J05D	baz=133			S	S	09 19 50.1	+3.4
BART	Pico Bartolome	70.47	41	eP	P	09 10 35.5	+0.3
PINE	Pine Mountain	70.52	327	P	P	09 10 36.6	+1.1
PINE	comp=Z,8um,19.0s						
G08A	Pilot Rock	70.57	330	P	P	09 10 36.3	+0.6
KRMB	Red Mountain	70.62	324	I	I	09 10 38.2	+2.1
J04D	Umpqua Nationa	70.77	326	P	P	09 10 38.3	+1.3
H0M0	Hull Mountain	70.80	325	I	I	09 10 59.1	
L02E	Cave Junction	70.86	325	P	P	09 10 39.8	+1.5
E09A	Wood Farm, Sta	71.07	331	P	P	09 10 39.1	+0.7
E09A	comp=Z,9um,19.0s						
I05D	Terrebonne, OR	71.11	328	P	P	09 10 40.3	+1.5
WALA	Waterton Lakes	71.12	335	P	P	09 10 39.8	+0.9
WALA	comp=Z,10um,20.0s						
K02D	Willamette Mer	71.25	325	P	P	09 10 41.6	+1.8
I04A	Tendick Farm	71.30	327	P	P	09 10 41.2	+1.1
G06A	Carlson Farm, V	71.37	329	P	P	09 10 41.3	+0.9
F07A	Phinny Hill Vi	71.48	329	P	P	09 10 42.5	+1.5
E08A	Dider Farm, El	71.48	330	P	P	09 10 42.4	+1.4
E08A	comp=Z,10um,19.0s						
SNA4	Sanae	71.53	161	P	P	09 10 41.3	+0.2
SNA4	Sanae	71.53	161	eP	P	09 10 40.2	-0.9
SNA4	Sanae	71.53	161	P	P	09 10 41.0	-0.1
SNA4	comp=Z,112nm,0.9s						
SNA4	comp=Z,7um,22.0s						
MACI	Morro de la Ar	71.58	54	P	P	09 10 43.7	+1.6
I1AWA	Hanford	71.64	330	P	P	09 10 43.7	+1.8
J01E	Myrie Point	71.71	325	P	P	09 10 43.5	+1.1
J01E	comp=Z,272nm,1.4s						
G05D	Wamie, OR	71.72	328	P	P	09 10 45.0	+2.5
I03D	Drain, OR	71.74	326	P	P	09 10 44.4	+1.8
H04A	Detroit Lake	71.79	327	P	P	09 10 44.1	+0.2
H04A	comp=Z,7um,19.0s						
D08A	Wollman Farm,	71.83	331	P	P	09 10 43.1	0.0
D08A	comp=Z,9um,20.0s						
NEW	Newport	71.89	333	P	P	09 10 43.7	+0.2
NEW	comp=Z,51nm,1.2s						
NEW	Newport	71.89	333	P	P	09 10 43.7	+0.2
NEW	comp=Z,7um,19.0s						
NEW	Newport	71.89	333	I	I	09 10 44.2	+0.7
NEW	comp=Z,7um,19.0s						
NEW	Newport	71.89	333	P	P	09 10 44.2	+0.7
NEW	comp=Z,138,SNR=28						
E07A	Sunnyside	71.92	330	P	P	09 10 45.0	+1.3
E07A	comp=Z,74nm,1.0s						
FFC	Flin Flon	71.92	345	P	P	09 10 42.4	-1.1
FFC	Flin Flon	71.92	345	P	P	09 10 42.4	-1.1
FFC	Flin Flon	71.92	345	I	I	09 10 42.4	-1.1
H04D	Lebanon	71.97	327	P	P	09 10 45.2	+1.3
H04D	comp=Z,6um,20.0s						
C09A	Chrisman Ranch	72.07	332	P	P	09 10 45.5	+0.9
C09A	comp=Z,5um,21.0s						
F05D	White Salmon	72.24	329	P	P	09 10 47.6	+2.1
I02D	Swisshome	72.28	326	P	P	09 10 48.2	+2.4
C01R	Corvallis	72.31	327	P	P	09 10 47.4	+1.4
COR	comp=Z,242nm,1.4s						
COR	Corvallis	72.31	327	P	P	09 10 47.4	+1.4
COR	Corvallis	72.31	327	I	I	09 10 47.4	+1.4
G03D	McMinnville, O	72.71	327	P	P	09 10 50.0	+1.6
F04A	Amboy	72.76	328	P	P	09 10 49.3	+0.7
F04A	comp=Z,92nm,0.9s						
F04A	comp=Z,10um,20.0s						
LTY	Liberty	72.81	330	P	P	09 10 50.0	+1.0
B08A	Colville Reser	72.96	332	P	P	09 10 50.6	+0.8
B08A	comp=Z,7um,19.0s						
LON	Longmire	73.01	329	P	P	09 10 51.1	+0.9
L							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBO, IOSP, ANKY, MHLO, AMGA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBZ, GERES, SENIT, MDL, HFS, etc.

BEO 15 09:05:32.0,4,44:38N:22:15E, h0km, ML1.4/5, 5C-4D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MDVR, HERR, ZAGS, BOVS, etc.

NEIC 15 09:09:04.9,1.6, 15:38S:0:08:72:2W:0:1, h106km, 6km, mb4.7/18, Error ellipse: s-maj=18.2km s-min=8.9km

IDC 15 09:07:07.0,6, 15:33S:72:23W, h132km, 5km, mb4.0/9, mb1.4/3.13, mb1mx3.9/39, nbtmpt4.6/13, Error ellipse: s-maj=15.2km s-min=11.7km az=38.0

ISC 15 09:07:06.0,4, 15:49S:05:07:40W:0:07, h150km, n63, c271/172, mb4.7/19, 2D, Southern Peru

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKME, BATG, DRLN, ULM, etc.

IDC 15 09:26:12.9,1.9, 6:95S: 129:77E, h150km, 19km, mb3.7/4, mb1.3/6.6, mb1mx3.4/45, mntp4.0/8, Error ellipse: s-maj=47.3km s-min=15.4km az=9.9

ISC 15 09:26:12.0,0,8, 7:08S:0:06:129:7E:0:1, h150km, n8, c275/13, mb3.8/4, Banda Sea

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

IDC 15 09:31:17.8,1.5, 19:44S:70:62W, h0km, mb4.0/4, mb1.4/1.5, mb1mx3.7/31, mntmpt3.9/5, ML2.2/2, MS4.8/2, Ms1.4/8.2, ms1mx4.0/36, Error ellipse: s-maj=40.9km s-min=18.7km az=94.0

NEIC 15 09:31:21.5,2.4, 19:44S:0:05:71:06W:0:04, h31km, 10km, mb4.2/1, ML3.6(GUC), Error ellipse: s-maj=7.6km s-min=5.7km az=191.0

GUC 15 09:31:21.5,0.5, 19:41S:71:07W, h30km, 2km, ML3.7

ISC 15 09:31:18.0,1.6, 19:44S:03:71:03W:0:06, h12km, 9km, n29, c142/42, mb4.0/4, 4C-4D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSCG, AP01, PB12, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like N50A Nevada, MNTX Cornudas Mount, N53A Lisbon, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like S57A Dark Hollow, S53A Williamson, HICK 474, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like X60A Albert Glenn, X59A McDuffie Farm, X58A Rowland, etc.

Additional text and data including station coordinates, call signs, and other technical details for various stations.

Table with columns: ASAR, Alice Springs, KKM, Kinaabalu, SBUM, Sibiu, CISI, Cisompet, Garu, CMAR, Chiang Mai Arr, ODAN, Odare, TAPN, Tapejung, RAMN, Ramite, JIRN, Gumba, PKI, Pulchoki, PKIN, Pulchoki, KKN, Kakani, DMN, Daman, DANN, Dangsing, SONM, Songio Array, MK31, Makanchi Array, MKAR, Makanchi Array, MAZK, Makanchi, AAK, Ala-Archa, ARSB, Arslanbob, ZAAO, ZAAO, ZALV, Zalesovo Beam, KURK, Kurchatov, KK31, Karatay Array, KKAR, Karatay Array, SOCY, Socotra, ABKAR, Akbulak array, QSPA, South Pole Qui.

KRNET 15 10:40:43.3,0.1,41:10N*70:74E,h15km,mb2.3,11C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Batken, Tashkent, Arkit, Arslanbob, Karatay Array, Almayashu, Aral, Uchter.

CNRM 15 10:46:25.8,36:65N-8:25W,h12km
SFS 15 10:46:29.0,36:80N-8:20W,h19km,ML3.3,GOLFO DE CADIZ
INMG 15 10:46:29.4,2.0,36:80N-8:30W,h19km,3km,MD3.1, ML3.1, Error ellipse: s-maj=3.9km s-min=2.1km az=57.0
IGL 15 10:46:29.6,36:81N-8:30W,h20km,ML3.4
MDD 15 10:46:29.9,0.5,36:87N-8:29W,h21km,1km,mbLg3.3/13, Error ellipse: s-maj=5.1km s-min=3.0km az=23.0, PFXIMO
ISC 15 10:46:28.1,1.2,36:81N-0.03,8:29W,0.03,h18km,3km, n95,-2837/162,9C-5D, West of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barranco-do-Ve, Vila Bisbo, Marfelete, Vaqueiros, Sao Teotónio, Castro Verde.

Main table with columns: EGRO, El Granado, EGRO, El Granado, MESJ, Messejana, MESJ, Messejana, MESJ, Messejana, PBEJ, Beja, PNCL, Nicolau / Gran, PNCL, Nicolau / Gran, EMIN, Mina Concepcio, EMIN, Barrancos, PBAR, Barrancos, ESPR, Espera, ESPR, Lisbo, LIS, Lisbo, PESTR, Estremoz, PESTR, Estremoz, EBAD, Badajoz, EBAD, Montargil, PMTG, Montargil, PMAFR, Mafrá, PMAFR, Mafrá, LLJA, Lijar, CEU, Ceuta, ECAB, El Cabril, ECAB, ECAB, HORN, Hornachuelos, PMRV, Marv???, PMRV, Marv???, PSBE, So Bento, RSA, Sarsar, PTOM, Tomar, PTOM, Tomar, EMIJ, Mijas, PCBR, Castelo Branco, PCBR, Castelo Branco, EADA, Adamuz, EADA, Casnilo, Conde, PCAS, Casnilo, COI, Coimbra, COI, Coimbra, ZHG, ZHG, MTE, Manteigas, MTE, Manteigas.

Table with columns: MTE, Palencia, EPLA, Los Guajares, ELGU, Palesmas, EQUE, Quantar, PVIS, Viseu, PVIS, Viseu, PAB, San Pablo, PAB, IFR, Ifrane, EQES, Quesada, EQES, EBER, Berja, SRHM, Skhour des Reh, ESDC, Sonseca Array, ESDC, MVO, Moncorvo, MVO, Moncorvo, CZD, Col de Zad, SESP, Santiago Espad, MD31, MD31, PCAB, Cabril, PCAB, Cabril, MDT, Midelt, MDT, Guadarrama, GUD, Guadarrama, GUD, ELOB, Lobos, ELOB, Braganca, PBRG, Braganca, PGAV, Gaviéria, Arco, PGAV, Gaviéria, Arco, ECAL, Calabor, ECAL, JBK, JBK, OUK, Oukaimeden, ETOB, Tobarra, ETOB, EAGO, Agolada/Pontev, EAGO, Mazaricos, EMAZ, TITG, Tine Tigouga, TITG, Torete, ETOR, Anninata, ETOR, VTN, Vitineika, VTN, Anninata, KFL, Anninata, KFL, RLS, Riols of Patr, RLS, Riols of Patr, RLS, Valsamata, VLS, Valsamata, VLS, Valsamata.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KEF2, ARG, DRO, MORI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MORI, DUGI, UDDI, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like OZH, OZH, SBUM, etc.

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MAJO	Matsushiro	27.85	20	P	P	11 01 01.6	+0.2
MAT	Matsushiro	27.85	20	P	P	11 01 00.0	-1.3
MJAR	Matsushiro Arr	27.85	20	P	P	11 01 00.3	-1.1
comp-Z, 6.5nm, 0.8s, baz=190, slow=8.9, SNR=13							
MJAR				P	P	11 04 17.7	+0.4
comp-Z, 1.7nm, 0.7s, baz=193, slow=3.8, SNR=4.4							
MJAR				LR	LR	11 12 35.2	
comp-Z, 2.1um, 18.2s, baz=220, slow=37							
MJAR	Matsushiro Arr	27.85	20	P	P	11 01 01.6	+0.3
MJB9	Matsu-Tsun	27.85	20	P	P	11 01 01.2	-0.1
CM31	Chiang Mai Arr	28.05	289	P	P	11 01 02.8	-0.6
CM31				IAMB	IAMB	11 01 05.8	
comp-Z, 2.28nm, 0.8s							
CMAR	Chiang Mai Arr	28.05	289	P	P	11 01 02.4	-1.0
comp-Z, 1.6nm, 0.7s, baz=102, slow=7.9, SNR=8.9							
CMAR				LR	LR	11 12 58.7	
comp-Z, 1.1um, 18.4s, baz=72, slow=38							
CMAR	Chiang Mai Arr	28.05	289	P	P	11 01 02.0	-1.3
CMAR				pmax	pmax		
comp-Z, 1.8nm, 0.8s							
CMAR	Chiang Mai Arr	28.05	289	P	P	11 01 03.3	-0.1
CHTO	Chiang Mai	28.12	290	P	P	11 01 03.0	-1.0
CHTO				pmax	pmax		
comp-Z, 1.9nm, 0.8s							
CHTO	Chiang Mai	28.12	290	P	P	11 01 03.0	-1.0
PMG	Port Moresby	28.36	134	P	P	11 01 05.7	-0.4
comp-Z, 6.4nm, 0.6s, baz=306, slow=19, SNR=2.9							
PMG	Port Moresby	28.36	134	P	P	11 01 06.6	+0.4
PMG				pmax	pmax		
comp-Z, 3.5nm, 1.0s							
PMG	Port Moresby	28.36	134	P	P	11 01 06.6	+0.4
PMG				IAMB	IAMB	11 01 21.0	
comp-Z, 3.5nm, 0.9s							
FITZ	Fitzroy Crossi	28.51	182	P	P	11 01 06.4	-1.0
comp-Z, 1.4nm, 0.5s, baz=185, slow=0.1, SNR=33							
XAN	Xi'an	28.52	328	P	P	11 01 07.4	0.0
XAN				pmax	pmax		
comp-Z, 1.40nm, 0.9s							
XAN				LR	LR		
comp-Z, 830nm, 17.1s							
XAN				LR	LR		
comp-Z, 1.1um, 15.0s							
XAN				LR	LR		
comp-Z, 1.1um, 16.2s							
XAN				LR	LR		
XAN				pmax	pmax	11 01 07.6	+0.2
comp-Z, 1.06nm, 0.8s							
XAN				P	P	11 01 07.6	+0.2
XAN				IAMB	IAMB	11 01 09.7	
comp-Z, 1.06nm, 0.8s							
PSI	Prapat	28.71	256	LR	LR	11 14 04.0	
comp-Z, 1.0um, 18.8s, baz=299, slow=40							
CD2	Chengdu	29.44	317	S	S	11 01 14.9	-0.7
CD2				S	S	11 01 20.3	+3.1
CD2				S	S	11 06 04.3	-5.5
comp-Z, 90nm, 0.8s							
CD2				pmax	pmax		
comp-Z, 640nm, 5.3s							
CD2				LR	LR		
comp-Z, 3.3um, 15.7s							
CD2				LR	LR		
comp-Z, 3.3um, 15.7s							
CD2				LR	LR		
comp-Z, 5.1um, 17.3s							
TIY	Taiyuan	29.95	337	eP	P	11 01 21.8	+1.7
BJT	Baijiatou	30.81	344	P	P	11 01 26.3	-1.3
BJT				pmax	pmax		
comp-Z, 1.2nm, 0.7s							
BJT	Baijiatou	30.81	344	P	P	11 01 26.3	-1.3
BJI	Beijing	30.83	344	P	P	11 01 28.1	+0.4
BJI				pmax	pmax		
comp-Z, 1.3nm, 1.0s							
WB0	Warramunga Arr	31.06	166	P	P	11 01 28.4	-1.6
WB0				IAMB	IAMB	11 01 42.0	
comp-Z, 1.6nm, 0.7s							
WRAB	Tennant Creek	31.21	166	eP	P	11 01 29.1	-2.2
WRAB				pmax	pmax		
comp-Z, 3.3nm, 2.1s							
WRAB	Tennant Creek	31.21	166	P	P	11 01 29.9	-1.4
WRAB				IAMB	IAMB	11 01 43.1	
comp-Z, 1.3nm, 0.6s							
WRA	Warramunga Arr	31.22	166	P	P	11 01 29.9	-1.5
comp-Z, 5.2nm, 0.5s, baz=352, slow=8.8, SNR=52							
WRA				P	P	11 04 26.0	-0.2
comp-Z, 7.5nm, 0.7s, baz=356, slow=9.0, SNR=62							
WRA	Warramunga Arr	31.22	166	P	P	11 01 28.0	-3.4
WRA				pmax	pmax		
comp-Z, 5.0nm, 0.5s							
WRA	Warramunga Arr	31.22	166	P	P	11 01 29.4	-2.0
WB2	Warramunga Arr	31.22	166	P	P	11 01 30.1	-1.3
WB2				IAMB	IAMB	11 01 42.7	
comp-Z, 2.0nm, 0.9s							
SNY	Shenyang	31.26	355	uP	P	11 01 32.3	+0.8
SNY				pmax	pmax		
comp-Z, 2.3nm, 0.9s							
WR0	Warramunga Arr	31.28	166	P	P	11 01 30.5	-1.4
MSHR	Mys Shultsa	32.12	61	eP	P	11 01 38.2	-0.8
LZH	Lanzhou	32.83	324	iP	P	11 01 46.8	+1.2
LZH				pP	S	11 01 50.3	+3.1
LZH				SP	S	11 07 09.6	+3.8
LZH				Pn	Pn	11 02 56.3	+2.1
LZH				pmax	pmax		
comp-Z, 98nm, 1.1s							
LZH				pmax	pmax		
comp-Z, 600nm, 4.3s							
LZH				LR	LR		
comp-Z, 1.1um, 17.3s							
LZH				LR	LR		
comp-Z, 1.1um, 17.9s							
LZH				LR	LR		
comp-Z, 2.1um, 16.8s							
HHC	Hu-ho-hao-te	33.02	339	eP	P	11 01 48.3	+1.1
HHC				pP	S	11 01 51.6	+2.9
HHC				SP	S	11 01 55.5	-2.8
HHC				S	S	11 01 59.6	+3.8
HHC				ScS	ScS	11 12 10.1	-5.4
HHC				LR	LR		
comp-Z, 3.3um, 11.7s							
HHC				LR	LR		
comp-Z, 2.2um, 12.4s							
HHC				LR	LR		
comp-Z, 3.3um, 12.0s							
CN2	Changchun	33.13	358	eP	P	11 01 49.6	+1.7
CN2				pmax	pmax		
comp-Z, 1.0nm, 0.7s							
BTO	Baotou	33.39	336	eP	P	11 01 48.9	-1.5
USRK	Ussuriysk Ar.	33.81	7	P	P	11 01 54.6	+0.8
comp-Z, 1.5nm, 0.7s, baz=187, slow=8.8, SNR=31							
USRK				P	P	11 04 32.6	-0.3
USRK				LR	LR	11 14 12.2	
comp-Z, 1.6nm, 0.7s, baz=197, slow=1.5, SNR=2.5							
MDJ	Mudanjiang	34.01	4	P	P	11 01 56.6	+1.0
MDJ				pmax	pmax		
comp-Z, 1.0nm, 0.8s							
MDJ				pmax	pmax		
comp-Z, 1.1um, 5.8s							
MDJ	Mudanjiang	34.01	4	P	P	11 01 55.8	+0.2
MDJ				IAMB	IAMB	11 01 59.5	
comp-Z, 2.7nm, 1.1s							
SAIH	SAIHA	34.42	294	eP	P	11 01 58.2	-1.4
SAIH				IAMB	IAMB	11 02 01.4	
comp-Z, 1.04nm, 0.2s							
AS31	Alice Springs	34.73	169	P	P	11 02 00.8	-1.3
ASAR	Alice Springs	34.73	169	P	P	11 02 01.1	-1.0
comp-Z, 1.2nm, 0.5s, baz=352, slow=6.7, SNR=182							
ASAR				P	P	11 04 35.6	-0.3
comp-Z, 6.8nm, 0.6s, baz=338, slow=2.5, SNR=8.3							
ASAR	Alice Springs	34.73	169	P	P	11 02 00.8	-1.3
TEY	Ternei	35.37	121	eP	P	11 02 09.6	+2.3
TEY				pmax	pmax		
comp-Z, 30nm, 0.7s							
BRDH	Bariadaha	35.67	294	P	P	11 02 09.3	-0.9
comp-Z, 1.18nm, 0.3s, baz=268, slow=22, SNR=5.9							
BRDH				LR	LR	11 17 58.2	
comp-Z, 734nm, 19.9s, baz=157, slow=38							
TEZP	TEZPUR	35.80	301	eP	P	11 02 09.4	-1.9
TEZP				IAMB	IAMB	11 02 11.6	
comp-Z, 4.5nm, 0.8s							
CTA	Charters Tower	35.99	148	P	P	11 02 13.2	+0.3
comp-Z, 8.9nm, 0.8s, baz=335, slow=12, SNR=12							
ASAJ	Asahikawa	36.12	19	P	P	11 02 15.6	+1.9
comp-Z, 7.8nm, 0.6s, baz=230, slow=7.4, SNR=12							
JKA	Kamikawa-asahi	36.12	19	P	P	11 02 15.6	+1.9
SHL	Shilong	36.24	299	eP	P	11 02 12.8	-2.6

2014 MAR

SHL		IAMB	IAMB	11 02 14.7	
comp-Z, 6.6nm, 0.8s					
SHL	Shilong	36.24	299	P	P
SHL				pmax	pmax
comp-Z, 1.03nm, 0.8s					
SHL	Shilong	36.24	299	P	P
GUWA	GUWAHATI	36.60	300	IAMB	IAMB
comp-Z, 7.7nm, 0.5s					
GTA	Gaotai	37.43	325	uP	P
GTA				pwP	SP
GTA				eP	S
GTA				P	S
GTA				ScP	ScP
GTA				ScP	ScP
GTA				pmax	pmax
comp-Z, 1.140nm, 0.9s					
GTA				pmax	pmax
comp-Z, 800nm, 5.4s					
GTA				LR	LR
comp-Z, 1.7um, 17.1s					
GTA				LR	LR
comp-Z, 1.1um, 16.5s					
GTA	Gaotai	37.43	325	eP	P
LSA	Lhasa	38.27	305	P	P
LSA	Lhasa	38.27	305	P	P
LSA				pmax	pmax
comp-Z, 2.9nm, 0.8s					
LSA	Lhasa	38.27	305	P	P
LSA				IAMB	IAMB
comp-Z, 2.9nm, 0.8s					
HNR	Honiar	38.51	120	LR	LR
comp-Z, 6.68nm, 21.1s, baz=282, slow=33					
YSS	Yuzh-Sakhalins	38.71	18	eP	P
YSS				e	
YSS				pmax	pmax
comp-Z, 10.0nm, 1.0s					
YSS	Yuzh-Sakhalins	38.71	18	P	P
YSS				IAMB	IAMB
comp-Z, 4.3nm, 1.4s					
KLR	Kul'dur	38.76	5	P	P
comp-Z, 1.3nm, 0.7s, baz=202, slow=5.4, SNR=4.9					
KLR				P	P
comp-Z, 3.0nm, 0.7s, baz=204, slow=5.7, SNR=3.9					
HIA	Hailar	39.02	353	P	P
HIA				pmax	pmax
comp-Z, 9.0nm, 0.8s					
HIA	Hailar	39.02	353	P	P
GTA	Tadong	39.58	300	eP	P
GTA				IAMB	IAMB
GTK					
comp-Z, 5.6nm, 0.5s					
H11N1	WAKE ISLAND Hy	39.68	72	T	T
comp-Z, 2.65, slow=74, SNR=38					
H11N2	WAKE ISLAND Hy	39.68	72	T	T
comp-Z, 2.65, slow=74, SNR=38					
H11N3	WAKE ISLAND Hy	39.69	72	T	T
comp-Z, 2.65, slow=74, SNR=35					
TAPN	Taplejung	40.34	300	eP	P
comp-Z, 5.4nm, 0.4s					
ODAN	Odare	40.48	299	eP	P
comp-Z, 2.02nm, 0.8s					
ULN	Ulanbaatar	40.			

Table with columns: Code, Station Name, Az, Alt, Phase, I, S, C, H, Time, Res. Rows include Ostrava-Krasne, Ostrava-Krasne, Stip, Vyhne, Vyhne, Litokhoron, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, I, S, C, H, Time, Res. Rows include P49A Miami Univ. Ec, O51A Pataskala, O51A Pataskala, S49A Springfield, M56A Emporium, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, I, S, C, H, Time, Res. Rows include RGRI Rengat, MYKOM Kota Tinggi, KRJI Kerinci, PPSI Pulau Pagu, etc.

Table with columns for flight codes (e.g., GGR, SRML, LUWI), destinations (e.g., Srisailam, Luwuk, Tagaytay City), times, and status indicators (e.g., Iamb, eP, pP).

Table with columns for flight codes (e.g., LZH, FITZ, FAKI, SAUI), destinations (e.g., Kununurra, Meeek, Ransiki), times, and status indicators (e.g., pP, pmax, LR).

Table with columns for flight codes (e.g., KSH, KBL, KBL, KBL), destinations (e.g., Kabul, Nakatsue, JNU), times, and status indicators (e.g., LR, LR, P, P).

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PABE Paberze, SUW Suwalki, FINESS FINESS Array S, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VRAC Vranov, KRUC Moravsky, ZAG Zagreb, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HSPB Hornsund (broa), ROTZ Rotzenmühle, PLNZ Plauen, etc.

Table with columns: Station Name, Time, Res, P, PKP, etc. Includes stations like Hinsdale, Milan, Andrews Acres, etc.

Table with columns: Station Name, Time, Res, P, PKP, etc. Includes stations like Kings Mountain, Junction City, Belton, etc.

Table with columns: Code, Station Name, Time, Res, P, PKP, etc. Includes stations like Green Lake, Raukumara Rang, etc.

Vertical text block containing specific data points and identifiers, possibly related to the station data.

15d 11h

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

IDC 15 11:36:14.9, 3.1, 22.17N, 121.14E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/5, mbtmp3.3/4, Error ellipse: s-maj=291.0km s-min=25.1km az=63.0

TAP 15 11:36:18.7, 21.93N, 120.55E, h49km, ML3.4, 4 Error ellipse: s-maj=136.2km s-min=13.1km az=120.48E, 0.03, h40km, 7km, n95, c1521/161, mb3.3/4, 1C, Taiwan region

Main table for station 15d 11h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HEN, TWK1, TWK1, TWKBT, TSEB, TSEB, TWP, etc.

2012 MAR

Main table for station 2012 MAR with columns: TWF1, Yuli, Azimuth, Phase ID, Time, Res. Includes stations like Yuli, Yu-Shan, YUS, YULB, etc.

762

Table for station 762 with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTMZ, AXDP, Jialang, etc.

MAN 15 11:57:25.0, 12.72N, 121.51E, h24km, mb4.7, ML3.6, MS3.5, 1C-1D, Mindoro

Table for station MAN with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OTRP, BOAC, BOAC, etc.

NEIC 15 11:57:48.3, 1.6, 27.4N, 0.1, 34.7E, s=0.1, h14km, 7km, mb4.0/10, Md4.3(Gli), Error ellipse: s-maj=19.7km

Gli 15 11:57:49.3, 0.0, 27.56N, 34.77E, h6km, 1km, mb4.4/3, MD4.3/3, Mm3.9/6

HLW 15 11:57:54.0, 27.85N, 34.66E, h12km, 3km, Md3.5, IDC 15 11:57:54.0, 1.5, 28.07N, 34.35E, h0km, mb3.6/9, mb1 3.8/12, mb1mx3.6/57, mbtmp3.7/12, ML3.6/3, MS3.3/1, Ms1 3.3/1, ms1mx2.6/46, Error ellipse: s-maj=28.5km s-min=18.6km az=147.0

SGS 15 11:57:56.2, 27.87N, 34.69E, h16km, ML3.7, IDC 15 11:57:53.5, 1.3, 27.85N, 0.03, 34.64E, 0.03, h12km, 9km, n108, c089/121, mb3.6/11, Red Sea

Main table for station 762 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSHS, TR1, BDAS, etc.

Table with columns: YTHR, GHAJ, AMAZ, AMAZ, BRNS, BRNS, SLTI, SLTI, HMDT, HMDT, MMLI, MMLI, OFRI, OFRI, MMA0B, MMA0B, MMA1, MMA1, MMLI, MMLI, KSHT, KSHT, HNTI, HNTI, NATI, NATI, NATI, NATI, KARP, KARP, IDI, IDI, SANT, SANT, BRTR, BRTR, ALM, ALM, AGG, AGG, KBZ, KBZ, TIP, TIP, ACER, ACER, BUR08, BUR08, INTR, INTR, GEYT, GEYT, KEST, KEST, AKASG, AKASG, AKASG, AKASG, GERE, GERE, GERE, GERE, TOAO, TOAO, TORD, TORD, TORD, TORD, FINES, FINES, FINES, FINES, KURK, KURK, MKAR, MKAR, PALK, PALK, YKA, YKA

NEIC 15 12:19:44.5i, 1.7, 13.8S;0.1;66.6E;0.1, h10km, 1km, mb4, 4/10, Error ellipse: s-maj=22.5km s-min=19.8km az=192.0

IDC 15 12:19:44.2, 1.1, 13.69S;66.52E, h0km, mb3, 8/5, mb1 3.9/6, mb1mx3.6/4.1, mbrtp3.6/7, ML3.7/1, Error ellipse: s-maj=37.1km s-min=30.6km az=16.0

ISC 15 12:19:44.0, 4.0, 13.7S;0.2;66.5E;0.1, h10km, n27, i0122/24, mb4, 1/9, Mid-Indian Ridge

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

IDC 15 12:20:36.4, 1.1, 14.00S;66.28E, h0km, mb3, 8/6, mb1 3.9/7, mb1mx3.6/4.0, mbrtp3.6/7, ML3.9/1, Error ellipse: s-maj=36.5km s-min=30.0 az=30.0

ISC 15 12:20:37.8, 1.1, 14.0S;0.2;66.3E;0.2, h10km, n12, i0574/9, mb3, 9/6, Mid-Indian Ridge

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

Table with columns: OPO, BRTR, MKAR, ASAR, WRA, ZALV, SONM, YKA, PDAR

IDC 15 12:26:22.0, 2.0, 6.12;02N;43.74W, h0km, mb4, 0/20, mb1 4.2/21, mb1mx4.1/4.0, mbrtp4.1/21, ML4.3/1, MS3.7/7, Ms1 3.7/7, ms1mx3.3/3.4, Error ellipse: s-maj=16.5km s-min=13.6km az=150.0

NEIC 15 12:26:23.6, 1.0, 12.03N;0.06;43.78W;0.1, h10km, 1km, mb4, 6/34, Error ellipse: s-maj=16.5km s-min=10.5km az=98.0

ISC 15 12:26:24.0, 5.5, 12.02N;0.09;43.77W;0.07, h14km, n73, i0560/63, mb4, 3/35, MS3.6/7, Northern Mid-Atlantic Ridge

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

IDC 15 12:26:24.0, 5.5, 12.02N;0.09;43.77W;0.07, h14km, n73, i0560/63, mb4, 3/35, MS3.6/7, Northern Mid-Atlantic Ridge

ISC 15 12:26:24.0, 5.5, 12.02N;0.09;43.77W;0.07, h14km, n73, i0560/63, mb4, 3/35, MS3.6/7, Northern Mid-Atlantic Ridge

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

Table with columns: BRTR, BRTR, KLMR, BOSA, BMAR, ILAR, ILAR, SNA, SNA, TIXI, TIXI, ASAR, ASAR

NEIC 15 12:31:19.4, 1.4, 40.72N;0.04;125.2W;0.1, h22km, 14km, Error ellipse: s-maj=12.1km s-min=5.5km az=83.0

ANF 15 12:31:20.2, 1.2, 40.86N;124.89W, h0km, ML2.5/4, Error ellipse: s-maj=11.0km s-min=5.3km az=59.0

NCEDC 15 12:31:20.6, 1.1, 40.75N;0.04;125.24W;0.07, h23km, 8km, Mo2, 9/38, Error ellipse: s-maj=8.7km s-min=5.3km az=76.0

ISC 15 12:31:20.0, 1.9, 40.74N;0.04;125.20W;0.08, h24km, 14km, n58, i083/75, Off coast of northern California

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

MDD 15 12:41:12.9, 2.0, 34.07N;5.00W, h15km, mb3, 6/5, Error ellipse: s-maj=17.9km s-min=11.7km az=172.0, PRXIMO SFS 15 12:41:13.0, 34.18N;4.88W, ML3.7, L'OULFA (MARFUEJOS)

IGIL 15 12:41:13.3, 34.17N;5.06W, h2km, ML2.1

INMG 15 12:41:14.0, 1.6, 34.18N;5.03W, h14km, 12km, ML2.1, Error ellipse: s-maj=7.1km s-min=3.6km az=77.0

CNRM 15 12:41:14.4, 0.4, 34.09N;4.88W, h10km, 3km, Error ellipse: s-maj=2.8km s-min=2.0km az=106.0

ISC 15 12:41:14.5, 1.0, 34.17N;0.03;4.99W;0.03, h28km, 12km, n47, i198/82, Morocco

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

15d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like MD31, PALE, MDT, etc.

KEA 15:12:41.39.0.0, 40.38N-122.24E, h0km, ML2.7/1, Northeastern China

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

IDC 15:12:59:33.9.4.0, 27.24N-96.21E, h108km, 44km, mb2.9/4, mb1 3.2/5, mb1mx2.9/57, mbtmp3.3/5, Error ellipse: s-maj=72.9km s-min=21.4km az=73.0, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CMAR, SONM, MKAR, etc.

IDC 15:13:08:56.0.1.3, 62.49N-151.10W, h61km, 12km, mb3.6/13, mb1 3.8/17, mb1mx3.6/57, mbtmp3.8/17, MS3.2/2, Ms1 3.2/2, ms1mx2.7/48, Error ellipse: s-maj=14.0km s-min=8.9km az=107.0

NEIC 15:13:08:57.7.1.4, 62.45N-150.93W, 0.07, h79km, 6km, Error ellipse: s-maj=5.1km s-min=3.5km az=75.0

AEIC 15:13:08:58.1.8, 62.45N-150.93W, 0.07, h68km, 6km, ML3.9/105, mb4.4/17(NEIC), Error ellipse: s-maj=5.1km s-min=4.2km az=218.0

2014 MAR

ISC 15:13:08:58.4.0.5, 62.43N-150.93W, 0.04, h88km, n155.1, r30/160, mb3.8/17, Central Alaska

Main ISC table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations like PPLA, PPLA, HUR, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Yreka Blue Hor, Yreka Blue Hor, GCMT, etc.

IDC 15:13:20:21.3.0.13.0, 14.69S-165.44E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.6/32, mbtmp3.8/4, ML3.7/1, Error ellipse: s-maj=228.5km s-min=36.6km az=54.0, Vanuatu Islands

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

IDC 15:13:32:36.5.1.5, 3.00S-126.38E, h0km, mb3.4/2, mb1 3.8/4, mb1mx3.4/46, mbtmp3.6/4, ML3.5/2, MS3.2/1, Ms1 3.2/1, ms1mx2.4/20, Error ellipse: s-maj=44.8km s-min=25.8km az=66.0, Buru

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

KRNET 15:13:33:56.2.0.1, 41.15N-70.04E, h13km, mb2.5, ISC 15:13:33:56.9.1.0, 41.16N-70.06E, 0.04, h10km, n9, q268/17, 12C-6D, Kyrgyzstan

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

IDC 15:14:00:12.3.0.8, 49.22S-69.55E, h0km, mb4.2/9, mb1 4.2/10, mb1mx4.0/35, mbtmp4.2/10, ML4.2/1, MS3.6/6, Ms1 3.6/6, ms1mx3.3/37, Error ellipse: s-maj=26.1km s-min=22.1km az=111.0

NEIC 15:14:00:13.2.2.5, 49.22S-69.55E, 0.1, h10km, 1km, mb4.3/5, Error ellipse: s-maj=29.1km s-min=7.9km az=202.0

IDC 15:14:00:13.8.0.7, 49.22S-69.55E, 0.1, h10km, n28, q1910/20, mb4.2/10, MS3.7/5, Kerguelen Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PAF, I23FR, MAW, etc.

Table with columns: WVT, Waverly, 72.08 346, P, P, 14 57 47.3 +0.1, 14 57 47.5 +0.2, W41B Gary Mavity, V, 72.15 342, Iamb, Iamb, 14 58 02.0, W41B Gary Mavity, V, 72.15 342, P, P, 14 57 48.0 +0.4, S58A Poland Farm, P, 72.21 355, P, P, 14 57 48.9 +1.0, TS1A Gray, 72.23 350, P, P, 14 57 48.1 0.0, TS2A Hallie, 72.24 351, P, P, 14 57 48.1 -0.1, WHAR Woolly Hollow, 72.27 342, Iamb, Iamb, 14 58 02.9, S59A Mechanicsville, 72.31 355, P, P, 14 57 49.4 +0.9, MAW Mawson, 72.40 163, P, P, 14 57 49.5 +0.7, MAW, 72.40 163, LR, LR, 15 31 54.9, MAW, 72.40 163, P, P, 14 57 49.5 +0.7, MAW, 72.40 163, P, P, 14 57 49.5 +0.7, MAW Mawson, 72.40 163, P, P, 14 57 49.5 +0.7, S56A Natural Bridge, 72.41 353, P, P, 14 57 49.8 +0.7, T50A Nancy, 72.42 349, P, P, 14 57 49.1 -0.1, S57A Dark Hollow, R, 72.44 354, Iamb, Iamb, 14 57 50.8, S57A Dark Hollow, R, 72.44 354, P, P, 14 57 49.8 +0.5, R58B Mineral, 72.45 355, Iamb, Iamb, 14 57 52.0, R58B Mineral, 72.45 355, P, P, 14 57 50.9 +1.0, W39A Magazine, 72.56 341, P, P, 14 57 51.2 +1.1, S55A Lewisburg, 72.59 353, P, P, 14 57 50.6 +0.4, T49A Edmonton, 72.62 348, Iamb, Iamb, 14 57 51.3, T49A Edmonton, 72.62 348, P, P, 14 57 50.4 0.0, S53A Williams, 72.69 351, P, P, 14 57 50.6 -0.2, S54A Dingess, Beckl, 72.71 352, Iamb, Iamb, 14 57 51.8, S54A Dingess, Beckl, 72.71 352, P, P, 14 57 51.0 0.0, R59A King George, V, 72.73 356, P, P, 14 57 51.9 +0.9, LCAR Lake Charles, 72.74 344, Iamb, Iamb, 14 57 52.2, CBN Corbin Frederi, 72.75 355, P, P, 14 57 52.6 +1.5, T47A Sharon Grove, 72.78 347, Iamb, Iamb, 14 57 52.3, FCAR Ozark Folk Cen, 72.80 343, Iamb, Iamb, 14 57 52.5, S52A Salyersville, 72.81 351, P, P, 14 57 51.5 0.0, S51A Beattyville, 72.84 350, P, P, 14 57 51.9 +0.2, R58A Rapidan, 72.89 355, P, P, 14 57 52.8 +0.8, R57A Stanardsville, 72.93 354, P, P, 14 57 53.1 +0.9, S50A Richmond, 72.90 349, P, P, 14 57 52.7 +0.1, R54A Victor, 73.05 352, P, P, 14 57 53.0 +0.1, R55A Marlinton, 73.06 353, Iamb, Iamb, 14 57 54.8, R55A Marlinton, 73.06 353, P, P, 14 57 53.8 +0.8, R56A Bull Pasture M, 73.12 352, P, P, 14 57 54.3 +0.9, X34A Smith Ranch, M, 73.18 338, Iamb, Iamb, 14 57 55.5, S49A Spinningwheel, 73.24 349, P, P, 14 57 53.6 -0.4, PBMO Poplar Bluff, 73.25 344, Iamb, Iamb, 14 57 55.2, MNTX Cornudas Mount, 73.29 330, P, P, 14 57 54.5 0.0, R53A Hurricane, 73.31 352, Iamb, Iamb, 14 57 55.4, R53A Hurricane, 73.31 352, P, P, 14 57 54.5 0.0, R52A Catlettsburg, 73.40 351, P, P, 14 57 55.0 0.0, U40A Yellville, 73.42 342, Iamb, Iamb, 14 57 56.4, U40A Yellville, 73.42 342, P, P, 14 57 55.5 +0.4, R51A Hillsboro, 73.49 350, P, P, 14 57 55.7 +0.2, Q58A Fox Den, 73.51 355, P, P, 14 57 56.3 +0.7, R50A Paris, 73.58 350, Iamb, Iamb, 14 57 57.0, R50A Paris, 73.58 350, P, P, 14 57 55.9 -0.1, WMOK Wichita Mounta, 73.61 337, P, P, 14 57 56.5 +0.2, HHAR Hobbs, 73.63 341, Iamb, Iamb, 14 57 57.5, Q57A Strasburg, 73.66 355, P, P, 14 57 57.6 +1.1, R49A Shelbyville, 73.72 349, Iamb, Iamb, 14 57 57.6, R49A Shelbyville, 73.72 349, P, P, 14 57 56.6 -0.2, Q56A Snyder Ridge, 73.73 354, P, P, 14 57 57.8 +0.9, Q55A Buckyhorn, 73.76 353, P, P, 14 57 57.8 +0.6, Q53A Leroy, 73.78 352, P, P, 14 57 57.1 -0.1, TUL1 Leonard, 73.79 340, Iamb, Iamb, 14 57 58.5, Q54A Cows Mills, 73.83 353, P, P, 14 57 57.4 0.0, WCI Wyandotte Cave, 73.84 348, P, P, 14 57 57.2 -0.4, S44A Carbondale, 73.88 346, Iamb, Iamb, 14 57 58.7, Q52A Bidwell, 73.97 351, P, P, 14 57 58.5 +0.2, P58A Pank, Wackersv, 74.03 355, P, P, 14 57 59.7 +1.1, P57A Homestead Farm, 74.07 355, Iamb, Iamb, 14 58 01.0, P57A Homestead Farm, 74.07 355, P, P, 14 58 00.2 +1.3, Q50A Georgetow, 74.08 350, P, P, 14 57 59.7 +0.8, P59A Jarrettsville, 74.10 356, P, P, 14 58 00.3 +1.3, P56A Dayton Farm, R, 74.16 354, P, P, 14 58 00.3 +1.0, Q51A Peebles, 74.17 351, Iamb, Iamb, 14 58 00.6, Q51A Peebles, 74.17 351, P, P, 14 57 59.6 +0.1, SUR Sutherland, 74.21 119, P, P, 14 58 01.5 +1.1, P50A Reedsville, 74.25 353, P, P, 14 58 00.4 +0.4, P56A Greenville, 74.26 357, P, P, 14 58 00.7 +0.8, MSTX Muleshoe, 74.29 334, Iamb, Iamb, 14 58 02.0, MSTX Muleshoe, 74.29 334, P, P, 14 58 01.1 +0.7, Q49A Aurora, 74.38 349, P, P, 14 58 00.6 -0.1, P53A Whipple, 74.39 352, P, P, 14 58 00.8 +0.1, MCWV Mont Chateau, 74.40 353, P, P, 14 58 01.4 +0.7, P54A Burton, 74.40 353, P, P, 14 58 01.0 +0.1

Table with columns: Q48A North Vernon, 74.43 349, P, P, 14 58 00.8 -0.2, P51A Williamsport, 74.58 351, P, P, 14 58 01.7 -0.2, P52A Cornin, 74.62 352, P, P, 14 58 02.0 -0.1, O58A Lewiberry, 74.64 356, P, P, 14 58 03.0 +0.9, CCM Cathedral Cave, 74.66 344, P, P, 14 58 02.6 +0.3, AMRHillo, 74.66 344, P, P, 14 58 02.6 +0.3, CCM Cathedral Cave, 74.66 344, P, P, 14 58 02.6 +0.3, CCM Cathedral Cave, 74.66 344, P, P, 14 58 02.6 +0.4, 319A Douglas, 74.67 327, Iamb, Iamb, 14 58 18.6, LIC Lamto, 74.72 71, P, P, 14 58 03.1 -0.1, AMTX Amarillo, 74.72 335, Iamb, Iamb, 14 58 04.8, AMTX Amarillo, 74.72 335, P, P, 14 58 03.8 +0.9, O60A Telford, 74.75 357, P, P, 14 58 03.8 +1.1, O57A Amberson, 74.77 355, P, P, 14 58 03.8 +0.8, O59A Robesonia, 74.78 356, P, P, 14 58 04.1 +1.1, BLO Blue Knob Stat, 74.78 348, Iamb, Iamb, 14 58 03.7, S39A Bolivar, 74.81 342, Iamb, Iamb, 14 58 04.0, P50A Jamestown, 74.81 350, P, P, 14 58 03.1 0.0, P49A Miami Univ. Ec, 74.87 350, P, P, 14 58 03.1 -0.3, O56A Blue Knob Stat, 74.89 355, P, P, 14 58 04.3 +0.6, O55A Ligonier, 74.89 354, P, P, 14 58 04.1 +0.4, P48A Milroy, 74.90 349, P, P, 14 58 03.3 -0.4, T35A Sooner Cattle, 74.93 340, Iamb, Iamb, 14 58 05.7, O54A Avela, 74.97 353, P, P, 14 58 04.1 0.0, TIC Toumudi, 74.98 71, P, P, 14 58 04.9 +0.1, 121A Cookes Peak, D, 75.01 329, Iamb, Iamb, 14 58 20.6, 121A Cookes Peak, D, 75.01 329, P, P, 14 58 06.6 +1.9, KIC Kosan Bko, 75.02 71, P, P, 14 58 05.3 +0.3, O52A Adamsville, 75.06 352, Iamb, Iamb, 14 58 05.5, O52A Adamsville, 75.06 352, P, P, 14 58 04.5 -0.1, O53A New Philadelphia, 75.12 352, P, P, 14 58 04.9 0.0, DBIC Dimbokro, 75.12 71, P, P, 14 58 05.9 +0.3, DBIC, 75.12 71, P, P, 14 58 19.4 -0.2, DBIC, 75.12 71, P, P, 15 28 42.7, N61A South Mountain, 75.14 358, P, P, 14 58 06.1 +1.0, O51A Pataskala, 75.18 351, P, P, 14 58 05.2 -0.1, SSPA Standing Stone, 75.21 355, P, P, 14 58 05.3 -0.2, SSPA Standing Stone, 75.21 355, P, P, 14 58 06.0 +0.5, N60A Cedar Hill Far, 75.29 357, P, P, 14 58 06.7 +0.8, ACSO Alum Creek Sta, 75.31 351, P, P, 14 58 06.0 0.0, O50A Cable, 75.31 351, P, P, 14 58 06.0 -0.1, N58A Sunbury, 75.34 356, P, P, 14 58 07.0 +0.8, N59A State Game Lan, 75.36 357, P, P, 14 58 08.5, N59A State Game Lan, 75.36 357, P, P, 14 58 07.7 +1.4, N55A Marion Cente, 75.44 354, P, P, 14 58 07.5 +0.7, O49A Covington, 75.45 350, P, P, 14 58 06.8 0.0, ODNJ Ogdensburg, 75.48 358, Iamb, Iamb, 14 58 08.8, N56A West Decatur, 75.52 355, P, P, 14 58 07.9 +0.7, N53A Lisbon, 75.63 353, P, P, 14 58 08.8 +0.9, O48A Farmland, 75.64 349, P, P, 14 58 07.6 -0.3, M61A Granite Spring, 75.69 358, P, P, 14 58 08.9 +0.7, N54A Moraine State, 75.70 354, Iamb, Iamb, 14 58 09.6, N54A Moraine State, 75.70 354, P, P, 14 58 08.6 +0.3, M60A Port Jervis, 75.73 358, P, P, 14 58 09.6 +1.2, N52A McGinn's Farm, 75.73 352, P, P, 14 58 08.5 0.0, M62A Hamden, 75.80 359, P, P, 14 58 10.3 +1.6, M58A Price's Panora, 75.85 356, P, P, 14 58 09.9 +0.8, N57A Sunshine Farm, 75.86 356, P, P, 14 58 09.9 +0.8, M50A Nevada, 75.86 351, P, P, 14 58 09.4 +0.2, N51A Ashland, 75.91 352, Iamb, Iamb, 14 58 10.3, M59A Waymart, 75.97 357, P, P, 14 58 10.9 +1.1, M56A Emporium, 76.07 355, Iamb, Iamb, 14 58 11.8, M56A Emporium, 76.07 355, P, P, 14 58 10.8 +0.4, SFIN Lafayette, 76.08 348, P, P, 14 58 09.6 -0.8, M55A Ridgway, 76.10 355, Iamb, Iamb, 14 58 11.9, M55A Ridgway, 76.10 355, P, P, 14 58 11.0 +0.4, TUC Tucson, 76.14 327, P, P, 14 58 13.1 +2.0, N49A Columbus Grove, 76.15 350, P, P, 14 58 10.8 0.0, N48A Decatur, 76.21 350, P, P, 14 58 10.8 -0.4, L63A North Scituate, 76.22 0, P, P, 14 58 12.4 +1.3, M54A Oil Creek Stat, 76.22 354, Iamb, Iamb, 14 58 12.2, M54A Oil Creek Stat, 76.22 354, P, P, 14 58 11.2 0.0, M53A WI Miller and, 76.24 353, P, P, 14 58 11.4 +0.1, L64A Middleborough, 76.29 1, P, P, 14 58 12.6 +1.1, M51A Elyria, 76.30 352, P, P, 14 58 11.7 +0.1, N47A Urbana, 76.33 349, P, P, 14 58 11.2 -0.6, L60A Shokan, 76.38 358, P, P, 14 58 13.2 +1.1, M52A Chesterland, 76.41 353, Iamb, Iamb, 14 58 13.4, M52A Chesterland, 76.41 353, P, P, 14 58 12.4 +0.1, M50A Fremont, 76.47 351, P, P, 14 58 12.6 0.0, L58A Harry Jones Me, 76.49 357, P, P, 14 58 13.6 +0.8, L57A Andrews Acres, 76.50 356, P, P, 14 58 13.4 +0.6, ANMO Albuquerque, 76.56 331, P, P, 14 58 13.7 +0.1, ANMO Albuquerque, 76.56 331, P, P, 14 58 27.7 +0.2, ANMO Albuquerque, 76.56 331, P, P, 14 58 14.8 +1.3

Table with columns: ANMO Albuquerque, 76.56 331, P, P, 14 58 15.1 +1.6, L59A Walton, 76.61 357, P, P, 14 58 14.4 +1.0, L59A, 76.61 357, Iamb, Iamb, 14 58 15.3, L59A Walton, 76.61 357, P, P, 14 58 14.3 +1.0, HDIL Hopedale, 76.65 346, P, P, 14 58 13.7 +0.1, BINY, 76.65 357, P, P, 14 58 14.5 +0.8, M49A Liberty Center, 76.67 351, P, P, 14 58 13.8 +0.1, L56A Greenwood, 76.68 356, Iamb, Iamb, 14 58 15.4, L56A Greenwood, 76.68 356, P, P, 14 58 14.4 +0.6, L53A Girard, 76.71 353, P, P, 14 58 14.0 +0.1, M48A Edgerton, 76.78 350, P, P, 14 58 14.4 0.0, 214A Organ Pipe Nat, 76.78 325, P, P, 14 58 16.7 +2.0, L55A Hinsdale, 76.79 355, P, P, 14 58 15.0 +0.6, L61B Northampton, 76.81 359, P, P, 14 58 15.4 +1.0, ERPA, 76.85 354, P, P, 14 58 14.9 +0.2, HRV Adam Dzewonsk, 76.86 0, P, P, 14 58 16.0 +1.3, L54A Sincinville, 76.91 354, P, P, 14 58 15.5 +0.4, K60A Five Rivers En, 77.00 358, P, P, 14 58 16.8 +1.2, KSU1 Kansas State U, 77.00 340, P, P, 14 58 15.9 +0.2, K62A Royalston, 77.02 360, P, P, 14 58 17.1 +1.4, L50A Kingsville, 77.08 352, P, P, 14 58 15.5 -0.5, K59A Cooperstown, 77.18 358, P, P, 14 58 17.3 +0.7, L48A N Adams, 77.19 350, P, P, 14 58 16.2 -0.5, K58A Earlville, 77.20 357, Iamb, Iamb, 14 58 18.3, K58A Earlville, 77.20 357, P, P, 14 58 17.2 +0.5, K57A Scipio Center, 77.21 356, P, P, 14 58 16.9 +0.1, K56A Middlesex, 77.22 356, P, P, 14 58 17.2 +0.3, K54A Basiliko Farm, 77.23 355, P, P, 14 58 17.3 +0.4, L49A Milan, 77.26 351, P, P, 14 58 17.0 -0.1, K55A Perry, 77.30 355, P, P, 14 58 17.6 +0.3, L47A Sherwood, 77.33 350, P, P, 14 58 16.9 -0.5, AAM Ann Arbor, 77.44 351, P, P, 14 58 17.8 -0.2, L46A New Claire, 77.53 349, P, P, 14 58 18.5 -0.1, K52A Tillsonburg, 77.58 353, P, P, 14 58 18.9 +0.1, J62A Henkle, 77.58 360, P, P, 14 58 20.4 +1.6, K51A Iona Station, 77.60 353, P, P, 14 58 19.1 +0.2, J63A Stratford, 77.63 0, P, P, 14 58 20.6 +1.5, CBKS Cedar Bluff, 77.65 338, Iamb, Iamb, 14 58 21.4, CBKS Cedar Bluff, 77.65 338, P, P, 14 58 20.5 +1.1, J61A Chester, 77.70 359, P, P, 14 58 21.1 +1.6, T25A Trinidad, 77.72 334, Iamb, Iamb, 14 58 22.8, T25A Trinidad, 77.72 334, P, P, 14 58 21.8 +1.8, J56A Wolcott, 77.77 356, Iamb, Iamb, 14 58 21.0, J56A Wolcott, 77.77 356, P, P, 14 58 20.1 +0.3, K50A Casco, 77.78 352, P, P, 14 58 19.7 -0.2, J58A Remsen, 77.78 357, P, P, 14 58 20.3 +0.3, J59A Piesco, 77.86 358, Iamb, Iamb, 14 58 21.9, J59A Piesco, 77.86 358, P, P, 14 58 21.1 +0.7, J57A Williamstown, 77.86 357, Iamb, Iamb, 14 58 21.8, J57A Williamstown, 77.86 357, P, P, 14 58 20.8 +0.5, J54A Appleton, 77.89 355, P, P, 14 58 21.1 +0.7, K47A Vermontville, 77.98 350, P, P, 14 58 20.2 -0.9, K48A Perry, 77.99 351, P, P, 14 58 20.9 -0.2, J52A Paris, 78.01 353, P, P, 14 58 21.3 +0.1, I58A Old Forge, 78.10 358, P, P, 14 58 22.3 +0.6, K46A Dorr, 78.11 349, P, P, 14 58 21.3 -0.5, I59A Olmsteadville, 78.17 358, P, P, 14 58 22.6 +0.6, I60A Shoreham, 78.21 359, P, P, 14 58 23.0 +0.8, X16A Lo Mia Camp, P, 78.21 327, Iamb, Iamb, 14 58 38.8, I62A Tanworth, 78.23 0, P, P, 14 58 23.5 +1.1, I61A Oroboro, Fairl, 78.28 360, P, P, 14 58 24.1 +1.4, I57A Carthage, 78.37 357, P, P, 14 58 23.8 +0.7, I63A Otisfield, 78.41 1, P, P, 14 58 25.1 +1.7, J49A Mariette, 78.41 351, P, P, 14 58 22.8 -0.6, J48A Bridge Port, 78.44 351, P, P, 14 58 23.3 -0.2, I53A Kortright Cn E, 78.51 354, P, P, 14 58 24.5 +0.6, J47A Sunner, 78.52 350, Iamb, Iamb, 14 58 24.5, J47A Sunner, 78.52 350, P, P, 14 58 23.6 -0.4, K43A Burlington, 78.55 348, Iamb, Iamb, 14 58 27.2, LBNH Lisbon, 78.59 360, Iamb, Iamb, 14 58 26.6, LBNH Lisbon, 78.59 360, P, P, 14 58 25.6 +1.2, I51A Listowel, 78.62 353, P, P, 14 58 24.6 +0.1, SDCO Great Sand Dun, 78.65 333, P, P, 14 58 26.6 +1.4, TSUM Tsumeb, 78.72 106, P, Iamb, Iamb, 14 58 26.5 +0.5, TSUM, 78.72 106, P, P, 14 58 27.8, I55A Frankfort, 78.76 356, P, P, 14 58 25.6 +0.3, KSCO Kaye Shedlock, 78.77 336, P, P, 14 58 27.5 +1.8, SCIA State Center, 78.78 344, P, P, 14 58 26.1 +0.6, I52A Shelburne, 78.80 354, P, P, 14 58 26.5 +0.9, H58A Gabriels, 78.80 358, P, P, 14 58 26.2 +0.6, H61A Lyndonville, 78.89 360, P, P, 14 58 27.3 +1.2, H57A Richville, 78.89 357, P, P, 14 58 26.6 +0.6, H60A Morristown, 78.92 359, P, P, 14 58 27.3 +1.1, I49A Point Hope, 78.95 352, P, P, 14 58 26.2 -0.1, IKP In-Ko-Pah, Jac, 78.95 323, P, P, 14 58 28.8 +2.0

Table with columns for station name, coordinates, and various parameters like PKP, PKPdf, and time offsets.

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Table with columns for station name, coordinates, and various parameters like PKP, PKPdf, and time offsets.

Technical notes and data for station HHC, including coordinates and time offsets.

Technical notes and data for station IDC, including coordinates and time offsets.

Technical notes and data for station IDC, including coordinates and time offsets.

Technical notes and data for station IDC, including coordinates and time offsets.

Table with columns for station name, coordinates, and various parameters like PKP, PKPdf, and time offsets.

Table with columns for station name, coordinates, and various parameters like PKP, PKPdf, and time offsets.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELI, CRES, CEY, CTI, SALO, GERES, etc.

SKO 15 15:54:17.3, 42.67N, 23.01E, h4km
BEO 15 15:54:17.0, 42.60N, 22.98E, h5km, 3km, ML1.9/6, 9C-2D, Bulgaria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VTS, BOSS, ZAPS, etc.

IDC 15 15:56:41.4, 1.6, 5.52S, 147.08E, h0km, mb3.6/3, mb1.3/9.5, mb1mx3.5/30, mbmtpp3.7/5, ML3.5/1, Error ellipse: s-maj=57.3km s-min=25.5km az=119.0, Eastern New Guinea region

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

IDC 15 16:10:01.6, 2.3, 26.49S, 178.13W, h263km, 24km, mb3.4/5, mb1.3/6.6, mb1mx3.3/22, mbmtpp4.0/6, Error ellipse: s-maj=36.5km s-min=26.1km az=175.0

IDC 15 16:10:01.1, 1.1, 26.45S, 02.178E, h202, h250km, n13, a110/11, mb3.6/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO, URZ, DZM, ASAR, WRA, etc.

IDC 15 16:11:15.0, 4.8, 21.67S, 177.52W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.8/24, mbmtpp4.0/3, Error ellipse: s-maj=197.3km s-min=57.1km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA, ASAR, WRA, BRTR, etc.

IDC 15 16:23:46.2, 2.6, 3.51S, 151.81E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.2/25, mbmtpp3.4/3, Error ellipse: s-maj=49.3km s-min=21.2km az=54.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT, WRA, FITZ, etc.

IDC 15 16:26:00.5, 2.2, 7.93N, 82.96W, h0km, mb3.5/6, mb1.3/8.9, mb1mx3.7/31, mbmtpp3.6/9, ML3.6/3, MS2.9/3, Ms1 2.9/3, ms1mx2.6/25, Error ellipse: s-maj=84.9km s-min=25.4km az=32.0

UPA 15 16:26:07.8, 1.3, 8.31N, 82.79W, h14km, 2km, MW4.6
UCR 15 16:26:07.1, 1.7, 8.29N, 82.817W, h8km, 17km
ISC 15 16:26:05.6, 1.0, 8.18N, 0.05, 82.90W, 0.03, h31km, gkm, n65, c1868/0, mb3.4/6, 2C-15D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBAR3, BAGA3, DVD, etc.

IDC 15 17:14:54.6, 1.4, 0.10S, 125.70E, h0km, mb3.2/4, mb1.3/3.4, mb1mx3.2/35, mbmtpp3.2/4, Error ellipse: s-maj=140.2km s-min=23.5km az=67.0, Southern Molucca Sea

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

CNRM 15 17:18:09.0, 7.7, 36.47N, 7.37W, h20km, Error ellipse: s-maj=9.8km s-min=3.9km az=67.0

IGL 15 17:18:13.9, 36.52N, 7.60W, h32km, ML1.8
MORF Error ellipse: s-maj=4.9km s-min=4.8km az=6.0

INMG 15 17:18:14.1, 6.1, 36.53N, 7.55W, h31km, 12km, ML1.9, Error ellipse: s-maj=10.4km s-min=5.0km az=16.0

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

KRNET 15 17:13:33.5, 0.1, 41.08N, 70.85E, h35km, mb2.4
ISU 15 17:13:34.0, 40.50N, 71.70E, h5km
SOE 15 17:13:38.0, 40.50N, 71.42E, h10km
NINC 15 17:13:42.5, 8.4, 11.7N, 71.54E, h0km, mb3.2, mpv2.6, Error ellipse: s-maj=50.9km s-min=19.2km az=1.0

IDC 15 17:13:36.8, 1.1, 40.82N, 0.03, 71.55E, 0.03, h18km, n10km, n20, c167/34, 20C, Tajikistan

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARK, ARSB, IUG, etc.

IDC 15 17:14:54.6, 1.4, 0.10S, 125.70E, h0km, mb3.2/4, mb1.3/3.4, mb1mx3.2/35, mbmtpp3.2/4, Error ellipse: s-maj=140.2km s-min=23.5km az=67.0, Southern Molucca Sea

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

CNRM 15 17:18:09.0, 7.7, 36.47N, 7.37W, h20km, Error ellipse: s-maj=9.8km s-min=3.9km az=67.0

IGL 15 17:18:13.9, 36.52N, 7.60W, h32km, ML1.8
MORF Error ellipse: s-maj=4.9km s-min=4.8km az=6.0

INMG 15 17:18:14.1, 6.1, 36.53N, 7.55W, h31km, 12km, ML1.9, Error ellipse: s-maj=10.4km s-min=5.0km az=16.0

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

KRNET 15 17:13:33.5, 0.1, 41.08N, 70.85E, h35km, mb2.4
ISU 15 17:13:34.0, 40.50N, 71.70E, h5km
SOE 15 17:13:38.0, 40.50N, 71.42E, h10km
NINC 15 17:13:42.5, 8.4, 11.7N, 71.54E, h0km, mb3.2, mpv2.6, Error ellipse: s-maj=50.9km s-min=19.2km az=1.0

IDC 15 17:13:36.8, 1.1, 40.82N, 0.03, 71.55E, 0.03, h18km, n10km, n20, c167/34, 20C, Tajikistan

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

IDC 15 17:13:36.8, 1.1, 40.82N, 0.03, 71.55E, 0.03, h18km, n10km, n20, c167/34, 20C, Tajikistan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBEJ Beja, PBAR Barrancos, PNCL Nicolau / Gran, etc.

IDC 15 17:30:2.0, 7.1, 4.0, 2S: 102.25E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.8/43, mbmtmp3.9/8, Error ellipse: s-maj=56.4km s-min=17.8km az=55.0

DJA 15 17:30:22.1, 0.5, 4.5, S: 5x10^2E, h0km, M4, 1/11, mb4.2/4, ML4, 1/11

ISC 15 17:30:20.0, 0.7, 4.0, 3S: 0.09, 102.38E, 0.08, h65km, n29, +2528/34, mb4.0/8, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAI Manna, MDSI Maura Dua, LWLI Liwa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, USRK Ussuriysk Arr, ZALV Zalesovo Beam, etc.

NEIC 15 17:34:27.2, 2.6, 2.4, 16S: 0.06, 66.64W, 0.10, h187km, 5km, mb4.0/2, Error ellipse: s-maj=13.1km s-min=9.3km

SJA 15 17:34:28.5, 0.7, 2.4, 07S: 66.80W, h205km, 5km, ML3.1, MW3.2

IDC 15 17:34:28.6, 1.2, 2.4, 03S: 66.68W, h186km, 12km, mb3.5/5, mb1 3.6/11, mb1mx3.4/37, mbmtmp3.9/11, MS2.6/2, Ms1 2.6/2, ms1mx2.3/16, Error ellipse: s-maj=17.3km s-min=14.4km az=99.0

GUC 15 17:34:30.3, 0.4, 2.3, 98S: 67.22W, h246km, 8km, ML4.1, ISC 15 17:34:28.6, 0.7, 2.4, 09S: 0.04, 66.84W, 0.04, h200km, 6km, n64, +137/91, mb3.7/6, 13C-1D, Saïta Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SLA San Lorenzo, YAVI Yavi, LVC Limon Verde, etc.

AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

APLL PUNTA DE LOS L, AROD Rodeo, ACOG Cerro Coronel, ACCO MIGNA, GO04 Tololo Observa, RTLL Cerro Villucun, CFA Coronel Fontan

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

KEA 15 17:41:04.8, 0.0, 37.61N x 124.55E, h0km, ML3.0/2, South Korea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HJU Haeju, HRW Sariwon, PYAG Pyongyang, etc.

IDC 15 17:45:02.2, 6.1, 28.93S: 177.88W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/22, mbmtmp3.5/2, Error ellipse: s-maj=316.6km s-min=88.2km az=164.0, Kermadec Islands region

ASAR Alice Springs, WRA Warramunga Arr, FINES Finnes Array B

SJA 15 18:28:35.5, 0.6, 2.4, 13S: 66.94W, h233km, 12km, ML3.4, MW3.4

IDC 15 18:28:37.2, 1.2, 2.4, 15S: 66.90W, h185km, 24km, mb3.3/2, mb1 3.3/8, mb1mx3.1/39, mbmtmp3.7/8, Error ellipse: s-maj=32.4km s-min=12.5km az=91.0

GUC 15 18:28:39.8, 0.5, 2.4, 12S: 67.31W, h219km, 9km, ML3.8, ISC 15 18:28:37.4, 0.9, 2.4, 12S: 0.05, 67.04W, 0.09, h206km, 12km, n29, +158/49, 10C-2D, Chile-Argentina border region

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

comp=N, 2.16nm, 0.5s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=E, 1.84nm, 0.3s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

comp=N, 1.12nm, 0.4s, IAML, PB06 IPOC Station P, 2.72 301 i/P, 18 29 25.4 +1.0

DANN	Dangsing	34.54 288	eP	P	20 11 24.6	+0.7
WMQ	Urumsj	35.24 316	eP	P	20 11 31.3	+1.8
WMQ	comp=Z,13nm,1.7s		pmax	pmax		
WMQ	comp=Z,120nm,4.3s		LR	LR		
WMQ	comp=Z,410nm,23.3s		LR	LR		
WMQ	comp=Z,1.1um,29.2s		LR	LR		
WMQ	comp=Z,250nm,21.7s		LR	LR		
MK31	Makanchi Array	39.97 318	P	P	20 12 09.7	+0.4
MK31	Makanchi Array	39.97 318	P	Iamb	20 12 26.2	
MKAR	Makanchi Array	39.97 318	P	P	20 12 10.3	+1.0
MKAR	comp=Z,6.7nm,0.8s,baz=109,slow=9.3,SNR=54		ScP	ScP	20 17 58.5	-2.6
MKAR	comp=Z,0.4nm,0.6s,baz=127,slow=4.2,SNR=4.1		LR	LR	20 30 14.0	
MKAR	Makanchi Array	39.97 318	P	P	20 12 09.7	+0.3
MAKZ	Makanchi	40.17 317	P	P	20 12 11.1	0.0
MAKZ	Makanchi	40.17 317	Iamb	Iamb	20 12 28.0	
YAK	Yakutsk	40.24	6	P	20 12 10.3	-1.1
YAK	Yakutsk	40.24	6	Iamb	20 12 17.3	
PRZ	Przheval'sk	41.10 310	P	P	20 12 18.3	-0.8
PRZ	Przheval'sk	41.10 310	Iamb	Iamb	20 12 34.8	
PETK	Petrovavlovsk	41.41 33	LR	LR	20 28 51.5	
PETK	Petrovavlovsk	41.41 33	P	P	20 12 21.6	+0.4
ZAAO	Zalesovo Array	42.07 328	P	P	20 12 25.9	-0.6
ZAAO	Zalesovo Array	42.07 328	Iamb	Iamb	20 12 32.0	
ZALV	Zalesovo Beam	42.07 328	P	P	20 12 26.7	+0.1
ZALV	comp=Z,10nm,0.6s,baz=118,slow=7.3,SNR=39.3		ScP	ScP	20 18 05.9	-3.4
ZALV	comp=Z,2.2nm,0.9s,baz=113,slow=3.9,SNR=5.6		LR	LR	20 31 42.4	
ZALV	Zalesovo Beam	42.07 328	P	P	20 12 25.6	-0.9
KSH	Kashi	42.22 305	P	P	20 12 31.5	+3.3
KSH	Kashi	42.22 305	pP	pP	20 12 35.8	-1.2
KSH	Kashi	42.22 305	PcP	PcP	20 14 24.3	+2.4
KSH	Kashi	42.22 305	PcS	PcS	20 18 16.3	+2.5
KSH	Kashi	42.22 305	PcS	PcS	20 18 52.4	+5.7
KSH	Kashi	42.22 305	ScS	ScS	20 22 31.0	+2.7
KSH	Kashi	42.22 305	pmax	pmax		
KSH	comp=Z,15nm,1.2s					
KSH	comp=Z,360nm,5.9s		LR	LR		
KSH	comp=Z,360nm,10.0s		LR	LR		
KSH	comp=Z,420nm,10.7s		LR	LR		
H1N1	WAKE ISLAND Hy 42.39	85	T	T	20 57 39.0	
H1N2	WAKE ISLAND Hy 42.40	85	T	T	20 57 42.3	
H1N3	WAKE ISLAND Hy 42.46	85	T	T	20 57 58.9	
H1S3	WAKE ISLAND Hy 42.46	86	T	T	20 57 50.8	
H1S1	WAKE ISLAND Hy 42.47	86	T	T	20 57 42.3	
H1S2	WAKE ISLAND Hy 42.48	86	T	T	20 57 40.3	
NRN	Naryn	42.58 308	P	P	20 12 32.0	+0.6
WBO	Warramunga Arr	43.53 162	Iamb	Iamb	20 12 36.6	-2.3
WBO	Warramunga Arr	43.53 162	Iamb	Iamb	20 12 42.4	
WRA	Warramunga Arr	43.71 162	P	P	20 12 37.9	-2.3
WRA	comp=Z,9nm,0.5s,baz=344,slow=9.0,SNR=6.1		Iamb	Iamb	20 12 38.1	-2.1
WB2	Warramunga Arr	43.71 162	P	P	20 12 38.1	-2.1
WB2	Warramunga Arr	43.71 162	Iamb	Iamb	20 12 43.7	
NIL	Nilore	43.75 296	P	P	20 12 38.5	-2.1
NIL	Nilore	43.75 296	Iamb	Iamb	20 12 42.9	
KURK	Kurchatov	43.80 321	P	P	20 12 40.0	-0.5
AAK	Archa	43.94 309	P	P	20 12 42.4	+0.3
ARSB	Arsanbob	44.79 307	P	P	20 12 48.4	-0.5
GAR	Garm	46.50 303	P	P	20 13 02.9	+0.5
KK31	Karatay Array	46.50 309	P	P	20 13 05.0	0.0
KK31	Karatay Array	46.50 309	Iamb	Iamb	20 13 21.2	
KKAR	Karatay Array	46.90 309	P	P	20 13 06.1	+0.7
AS31	Alice Springs	47.14 164	P	P	20 13 06.2	-1.1
AS31	Alice Springs	47.14 164	Iamb	Iamb	20 13 09.1	
ASAR	Alice Springs	47.14 164	P	P	20 13 05.8	-1.5
ASAR	comp=Z,5.1nm,0.7s,baz=344,slow=7.9,SNR=65		PcP	PcP	20 14 37.9	-0.9
ASAR	comp=Z,3.1nm,0.9s,baz=341,slow=3.1,SNR=3.5		LR	LR	20 33 33.7	
KBL	Kabul	47.27 297	P	P	20 13 09.8	+1.3
KBL	Kabul	47.27 297	Iamb	Iamb	20 13 22.8	
CHGR	Chuyangaron	47.37 303	P	P	20 13 09.5	+0.4
CTA	Charters Tower	48.49 148	P	P	20 13 16.4	-1.4
BRVK	Borovyoe	49.48 322	P	P	20 13 25.4	+0.5
BRVK	Borovyoe	49.48 322	Iamb	Iamb	20 13 41.3	
TIXI	Tiksi	49.69	3	P	20 13 26.0	-0.3
TIXI	Tiksi	49.69	3	Iamb	20 13 31.6	
NRIK	Noril'sk	51.41 345	P	P	20 13 39.0	-0.4
NRIK	comp=Z,18nm,1.0s,baz=115,slow=3.8,SNR=8.0		LR	LR	20 37 15.4	
HRA	Herat	52.89 297	P	P	20 13 51.5	+0.3
BILL	Bilibino	53.49	19	P	20 13 55.4	+0.5
NWAO	Narogin (SRO)	54.93 184	P	P	20 14 05.7	0.0
ABKAR	Abkair array	55.03 315	P	P	20 14 06.9	+0.5
GEYT	Alibek	56.04 302	P	P	20 14 15.3	+1.4
GEYT	comp=Z,4.0nm,0.8s,baz=231,slow=0.9,SNR=12		LR	LR	20 42 08.1	
GEYT	comp=Z,330nm,19.4s,baz=15,slow=50		P	P	20 14 15.0	+1.2
GYA0B	ALIBECK ARRAY	56.04 302	P	P	20 14 14.8	+0.9
GYA0B	ALIBECK ARRAY	56.04 302	Iamb	Iamb	20 14 31.6	
AKTO	Aktyubinsk	56.39 317	LR	LR	20 40 06.4	
ARU	Arti	56.86 324	P	P	20 14 19.4	+0.1
ARU	Arti	56.86 324	Iamb	Iamb	20 14 32.6	
STKA	Stephens Creek	57.10 160	P	P	20 14 20.4	-0.8
STKA	comp=Z,6.5nm,0.6s,baz=335,slow=5.6,SNR=13		LR	LR	20 40 23.1	
STKA	Stephens Creek	57.10 160	P	P	20 14 20.5	-0.8
KIRV	Kirov	57.10 160	LR	LR	20 40 40.7	
DZM	Mont Dzumac	62.10 132	P	P	20 14 56.4	+0.4
DZM	Mont Dzumac	62.10 132	Iamb	Iamb	20 14 57.5	
SOCY	Socotra	64.78 273	P	P	20 15 13.4	-0.6
SOCY	Socotra	64.78 273	Iamb	Iamb	20 15 17.9	
GNI	Garni	66.15 305	LR	LR	20 49 46.2	
GNI	comp=Z,129nm,18.9s,baz=11,slow=1.1		P	P	20 15 23.4	+0.8
GNI	Garni	66.15 305	P	P	20 15 35.2	
AKH	Akhalkalaki	66.88 307	P	P	20 15 29.7	+2.4
AKH	Akhalkalaki	66.88 307	Iamb	Iamb	20 15 42.5	+1.3
KBZ	Khabaz	66.93 309	P	P	20 15 27.8	+0.6
KBZ	comp=Z,3.1nm,1.0s,baz=116,slow=6.1,SNR=5.1		LR	LR	20 49 00.4	
KLMR	Klimovskoe	66.99 328	eP	P	20 15 26.8	-0.5
KLMR	comp=Z,4.2nm,1.6s					

KLMR	KLMR	67.05 310	P	P	20 37 40.7	
KLMR	KLMR	67.05 310	LR	LR	20 37 40.7	
KLMR	KLMR	67.05 310	LR	LR	20 43 29.4	
KLMR	KLMR	67.05 310	LR	LR	20 47 28.7	
KLMR	KLMR	67.05 310	LR	LR	20 47 49.2	
KIV	Kislovodsk	67.05 310	P	P	20 15 29.0	+0.9
KIV	Kislovodsk	67.05 310	Iamb	Iamb	20 15 43.2	
IMAR	Indian Mountain	67.87 26	P	P	20 15 34.0	+1.1
RAYN	Ar Rayn	69.18 288	P	P	20 15 31.6	-0.2
RAYN	Ar Rayn	69.18 288	Iamb	Iamb	20 15 55.8	
TOLK	Toolik Lake Re	69.20 23	P	P	20 15 41.7	+0.5
RND	Reindeer	70.29 29	P	P	20 15 47.5	-0.5
RND	Reindeer	70.29 29	Iamb	Iamb	20 16 05.0	
ILAR	Eielsen Array	70.89 27	P	P	20 15 51.1	-0.4
ILAR	Eielsen Array	70.89 27	P	P	20 15 52.2	+0.7
ILAR	Kevo	70.93 338	P	P	20 15 51.0	-0.7
BMAR	Burnt Mountain	71.26 24	P	P	20 15 54.1	+0.3
ARCES	ARCCESS Array B	71.49 338	P	P	20 15 54.9	-0.2
ARCES	comp=Z,5.7nm,0.8s,baz=75,slow=6.4,SNR=13		LR	LR	20 50 44.1	
ARCES	comp=Z,189nm,18.2s,baz=59,slow=19.9		LR	LR	20 50 44.1	
ARCES	ARCCESS Array B	71.49 338	P	P	20 15 55.0	0.0
AREO	ARCCESS Array B	71.49 338	P	P	20 15 55.1	0.0
SPAO	Spitsbergen Ar	71.50 348	P	P	20 15 54.9	-0.1
FIAT	FINESSE Array S	73.30 330	P	P	20 16 05.9	-0.1
FINES	FINESSE Array B	73.30 330	P	P	20 16 05.7	-0.3
FINES	comp=Z,5.7nm,0.8s,baz=83,slow=7.9,SNR=13		LR	LR	20 51 28.4	
BCAR	Beaver Creek A	73.49 27	P	P	20 16 07.4	+0.3
AKASG	Main Array Be	74.54 319	P	P	20 16 12.9	-0.5
AKASG	comp=Z,4.0nm,0.8s,baz=62,slow=5.7,SNR=10		LR	LR	20 51 20.9	
AKASG	comp=Z,152nm,21.4s,baz=95,slow=38		LR	LR	20 51 20.9	
AKAB	Main Array Si	74.54 319	P	P	20 16 13.4	+0.5
AKAB	Main Array Si	74.54 319	Iamb	Iamb	20 16 17.6	
BR131	Keskin Array S	74.57 307	P	P	20 16 14.2	+0.1
BR131	Keskin Array S	74.57 307	Iamb	Iamb	20 16 25.4	
BRTR	Keskin Array B	74.57 307	P	P	20 16 14.1	0.0
BRTR	comp=Z,1.1nm,0.4s,baz=109,slow=2.3,SNR=15		LR	LR	20 55 03.1	
BRTR	comp=Z,44nm,19.2s,baz=28,slow=40		LR	LR	20 55 03.1	
BRTR	Keskin Array B	74.57 307	P	P	20 16 13.9	-0.2
INK	Inuvik	75.00 22	P	P	20 16 16.1	+0.4
ATD	Arta Tunnel	75.28 277	LR	LR	20 50 45.5	
SORM	SORM	75.82 316	P	P	20 16 21.6	+0.8
CFR	Carcaiu	76.86 314	P	P	20 16 28.6	+1.8
CVDA	Cernavoda	77.19 313	P	P	20 16 40.7	+1.3
TESR	Tescani	77.42 315	P	P	20 16 30.7	+0.7
VR	Vrnjicovica	77.58 315	P	P	20 16 32.0	+1.1
C36M	Faultuk	77.82 19	P	P	20 16 29.6	-1.0
BURAR	Bucovina Array	77.98 317	P	P	20 16 34.3	+1.1
BURAR	Bucovina Ar.	77.98 317	P	P	20 16 32.7	-0.5
BUR08	Bucovina Ar.	77.99 317	P	P	20 16 33.0	0.0
BUR08	Bucovina Ar.	77.99 317	Iamb	Iamb	20 16 38.1	
MLR	Muntele Rosu	78.22 314	P	P	20 16 34.8	+0.2
ELL	Elmal	78.26 305	P	P	20 16 34.2	-0.7
DAG	Danmarks Havn	78.39 351	P	P	20 16 33.0	-1.8
MANT	Main Array S	78.71 307	P	P	20 16 36.2	-1.3
ARCA	ARCALIA	78.72 316	P	P	20 16 37.5	+0.4
KWP	Kalwaria Pacla	78.85 319	eP	P	20 16 39.3	+1.5
KWP	Kalwaria Pacla	78.85 319	P	P	20 16 37.9	+0.1
BEL	Belsk	79.18 322	eP	P	20 16 39.9	+0.4
HUMR	Humele	79.19 314	P	P	20 16 38.5	-1.3
CJR	Chui-Napoca	79.33 316	P	P	20 16 41.1	+1.3
LOT	Lotru	79.67 315	P	P	20 16 40.6	-2.0
RPZ	Rata Peaks	79.79 146	P	P	20 16 41.7	-1.1
RPZ	Rata Peaks	79.79 146	P	P	20 16 41.9	-1.0
RPZ	comp=Z,12nm,0.5s,baz=343,slow=8.9,SNR=8.8		P	P	20 16 42.0	-1.2
PLVB	Plieven	79.84 313	P	P	20 16 43.1	-0.2
DRGR	Drgr	79.87 316	P	P	20 16 44.1	+0.6
NB2	NORSAR Subarra	80.11 332	P	P	20 16 43.6	-0.9
NB2	NORSAR Subarra	80.11 332	P	P	20 16 43.6	-0.9
NOA	NORSAR Subarra	80.11 332	P	P	20 16 43.6	-0.9
NOA	comp=Z,3.4nm,0.9s,baz=62,slow=5.4,SNR=6.2		LR	LR	20 55 41.0	
GZR	Gura Zlata	80.34 315	P	P	20 16 43.2	-2.9
OJC	Ojcow	80.37 320	P	P	20 16 47.1	+1.0
OJC	Ojcow	80.37 320	Iamb	Iamb	20 16 46.2	+0.1
OJC	Ojcow	80.37 320	Iamb	Iamb	20 16 51.2	
NIE	Niedzica	80.38 319	eP	P	20 16 47.5	+1.3
DLBC	Dease Lake	80.56 30	LR	LR	20 56 25.6	
RES	Resolva Bay	80.61 9	P	P		

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IPOC Station P, LPaz, LPZA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WHTX, WVT, WVT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MKAR, NIL, KSH, etc.

NEIC 15 20:18:05.0, 2.1, 19.38S, 0.08:7.13W, 0.08, h19km, 4km, mb4.4/12, ML4.1 (GUC), Error ellipse: s-maj=11.5km, s-min=10.2km, az=167.0, ID: 15 20:18:04.6, 0.8, 19.21S, 70.71W, h0km, mb4.2/10, mb1.4/11, mb1mx4.1/42, mb1mx4.2/11, ML3.5/1, Error ellipse: s-maj=30.3km, s-min=21.4km, az=58.0, GUC 15 20:18:07.3, 0.6, 19.41S, 71.01W, h42km, 2km, ML4.1, ISC 15 20:18:05.8, 1.1, 19.36S, 0.03:7.09W, 0.05, h19km, 4km, n62, c137/68, mb4.3/11, 4C-6D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like PISAGUA, IPOC Station P, etc.

Table with columns: Station Name, Elevation, Station Type, Azimuth, Range, and other parameters. Includes stations like WLCB, TWP, SGLT, ELDTW, etc.

Table with columns: Station Name, Elevation, Station Type, Azimuth, Range, and other parameters. Includes stations like WDGJ, NACB, WCHH, TWT, etc.

Table with columns: Station Name, Elevation, Station Type, Azimuth, Range, and other parameters. Includes stations like AKUT, SPIA, SMT, FALS, etc.

AEIC 15:20:45.06 4.2, 1.51, 59N, 0.07, 175.13W, 0.05, h26km, 4km, ML4.5/23, mb4.6/149(NEIC), Error ellipse: s-maj=9.7km s-min=4.3km az=164.0

Code Station Name Az Az' Phase ID Op ISC h m s ISC

Table with columns: ID, Name, Comp, I, A, M, B, P, S, 23, 59, 15.8, -0.3, 23, 59, 36.5. Includes entries like W45A Hickory Valley, V57A Coltrane Farms, V60A Jim Taylor Roa, etc.

Table with columns: FCAR, Name, Comp, I, A, M, B, P, S, 23, 59, 33.0, 0, 16, 42.3. Includes entries like BLA Ozark Folk Cen, BLA Blacksburg, BLA Blacksburg, etc.

Table with columns: WCI, Name, Comp, I, A, M, B, P, S, 23, 59, 35.1, -2.1, 0, 17, 09.8. Includes entries like WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, etc.

PSUB	I Amb	I Amb	23 59 55.1	M55A	comp=Z,492nm,1.9s	I AMs_20	I AMs_20	00 18 15.9	T25A	baz=148,SNR=217	S	S	00 07 06.2 +1.5		
O50A Cable	45.66 357	P	P	23 59 48.7 -2.1	M55A Ridgway	46.95 2	P	P	23 59 59.1 -1.8	L59A Walton	47.94 6	P	P	00 00 07.2 -1.4	
O50A	baz=176,SNR=27	S	S	00 06 25.6 -6.5	M55A	baz=183,SNR=24	S	S	00 06 45.0 -5.6	L59A	baz=188,SNR=36	P	P	00 07 01.0 -3.6	
O55A	45.68 2	P	P	23 59 49.3 -1.6	M54A Oil Creek Stat	46.97 1	I Amb	I Amb	00 00 04.5	L44A Lake County Fo	48.04 353	I Amb	I Amb	00 00 27.2	
O55A	baz=182	S	S	00 06 27.4 -5.0	M54A	comp=Z,128nm,1.1s	I AMs_20	I AMs_20	00 17 46.2	L44A	comp=Z,196nm,1.2s	I AMs_20	I AMs_20	00 22 52.9	
O53A New Philadelph	45.69 360	P	P	23 59 49.1 -1.9	M54A	comp=Z,211um,22.0s	I AMs_20	I AMs_20	00 17 46.2	L44A	comp=Z,219um,22.0s	I AMs_20	I AMs_20	00 22 52.9	
319A Douglas	45.71 325	I Amb	I Amb	23 59 57.4	M54A	Oil Creek Stat	46.97 1	P	P	23 59 59.3 -1.8	L44A Lake County Fo	48.04 353	P	P	00 00 08.4 -0.9
ACSO Alum Creek Sta	45.72 358	I Amb	I Amb	00 00 09.6	M54A	baz=182,SNR=12	S	S	00 06 45.3 -5.5	L63A North Scituate	48.07 9	P	P	00 00 10.2 +0.7	
ACSO	comp=Z,221um,19.0s	I AMs_20	I AMs_20	00 19 31.2	M52A Chesterland	46.98 360	I Amb	I Amb	00 00 04.5	L63A	baz=192	S	S	00 07 03.6 -2.7	
ACSO Alum Creek Sta	45.72 358	P	P	23 59 49.3 -1.9	M52A	comp=Z,153nm,1.3s	I AMs_20	I AMs_20	00 18 53.8	L62A Suffield	48.07 8	P	P	00 00 11.4 +1.9	
ACSO	baz=177,SNR=38	S	S	00 06 28.2 -4.7	M52A Chesterland	46.98 360	P	P	23 59 58.9 -2.3	K54A Basiliko Farm,	48.09 2	P	P	00 00 08.0 -1.7	
O58A Lewisberry	45.72 4	P	P	23 59 50.3 -0.9	M56A Emporium	46.99 3	I Amb	I Amb	00 00 04.9	K54A	baz=183,SNR=13	S	S	00 07 01.7 -5.1	
O58A	baz=186	S	S	00 06 30.9 -2.0	M56A Emporium	46.99 3	P	P	23 59 59.6 -1.7	L61A Hillsdale 1, H	48.11 7	P	P	00 00 09.2 -0.7	
O49A Covington	45.74 356	I Amb	I Amb	00 18 27.8	M56A	baz=184,SNR=39	S	S	00 06 45.3 -5.9	L61A	baz=190	S	S	00 07 04.3 -2.7	
O49A	baz=175,SNR=30	S	S	00 06 27.6 -5.6	M58A Price's Panora	46.99 5	P	P	00 00 00.2 -1.1	BRYW Bryant College	48.13 9	I Amb	I Amb	00 00 14.7	
O57A Ambersson	45.76 4	P	P	23 59 50.5 -1.0	M58A	baz=186,SNR=34	S	S	00 06 46.7 -4.5	K51A Iona Station	48.17 359	P	P	00 00 08.0 -2.2	
O57A	baz=185,SNR=40	S	S	00 06 31.2 -2.2	M47A Cromwell	47.00 355	P	P	23 59 59.0 -2.2	K51A	baz=179,SNR=5.8	S	S	00 07 03.0 -4.8	
O56A Blue Knob Stat	45.77 3	I AMs_20	I AMs_20	00 17 38.4	M49A Liberty Center	47.00 357	P	P	23 59 59.2 -2.1	214A Organ Pipe Nat	48.19 323	I Amb	I Amb	00 00 16.5	
O56A	comp=Z,19um,21.0s	P	P	23 59 50.5 -1.1	ANMO Albuquerque	47.02 331	P	P	00 00 02.1 +0.4	214A Organ Pipe Nat	48.19 323	P	P	00 00 11.1 +0.4	
O56A	baz=183,SNR=20	S	S	00 06 30.9 -2.7	ANMO Albuquerque	47.02 331 c / P	P	P	00 00 01.9 +0.2	K52A Tillsonburg	48.22 0	P	P	00 00 08.5 -2.2	
121A Cookes Peak, D	45.78 328	I Amb	I Amb	23 59 58.1	ANMO Albuquerque	47.02 331	P	P	00 00 02.0 +0.2	K55A Perry	48.24 3	P	P	00 00 09.0 -1.9	
121A	comp=Z,189nm,1.1s	P	P	23 59 53.0 +0.9	ANMO	comp=Z,295nm,1.1s	I Amb	I Amb	00 00 07.4	K55A	baz=184,SNR=8.1	S	S	00 07 04.1 -4.8	
P43A Skaggs, Pawnee	45.78 351	I Amb	I Amb	23 59 55.5	ANMO	comp=Z,276nm,1.1s	I AMs_20	I AMs_20	00 18 28.4	K50A Casco	48.24 358	I AMs_20	I AMs_20	00 21 15.0	
PAGS Pennsylvania G	45.84 4	I Amb	I Amb	23 59 56.4	ANMO Albuquerque	47.02 331	P	P	00 00 02.2 +0.4	K50A Casco	48.24 358	P	P	00 00 09.4 -1.4	
O48A Farmland	45.87 356	P	P	23 59 50.0 -2.4	ANMO	baz=144	S	S	00 06 53.9 +1.7	K56A Middlesex	48.25 4	P	P	00 00 09.0 -2.0	
O48A	baz=174,SNR=37	S	S	00 06 28.7 -6.3	N41A Harder Midland	47.04 350	I Amb	I Amb	00 00 05.3	K56A	baz=185,SNR=8.2	S	S	00 07 02.6 -6.5	
O59A Robeson	45.96 5	P	P	23 59 52.2 -0.9	M48A Edgerton	47.05 356	I Amb	I Amb	00 00 04.7	K47A Vermontville	48.26 356	P	P	00 00 08.6 -2.4	
O59A	baz=187,SNR=34	S	S	00 06 34.6 -1.8	M48A Edgerton	47.05 356	P	P	23 59 59.4 -2.3	K47A	baz=175,SNR=61	S	S	00 07 01.0 -8.0	
O60A Telford	46.05 6	P	P	23 59 52.0 -1.7	M48A	baz=175,SNR=7.8	S	S	00 06 46.1 -5.9	L64A Middleborough	48.27 10	P	P	00 00 10.5 -0.6	
O60A	baz=188	S	S	00 06 36.2 -1.3	ALLY Alegheny Colle	47.10 1	I Amb	I Amb	00 00 05.4	L64A	baz=194,SNR=6.0	S	S	00 07 07.2 -1.9	
O44A Mansfield	46.12 352	I Amb	I Amb	23 59 58.3	ALLY	comp=Z,191nm,1.4s	I AMs_20	I AMs_20	00 19 28.7	K49A Clarkon	48.28 358	P	P	00 00 09.1 -2.1	
SSPA Standing Stone	46.16 3	P	P	23 59 53.8 -0.9	M60A Port Jervis	47.13 6	P	P	00 00 01.2 -1.0	K49A	baz=177,SNR=50	S	S	00 07 02.3 -7.1	
SSPA	comp=Z,198nm,1.2s	I Amb	I Amb	23 59 58.8	M60A	baz=189,SNR=10.0	S	S	00 06 49.9 -3.2	K46A Dorr	48.33 355	P	P	00 00 08.6 -2.9	
SSPA	baz=184	P	P	23 59 53.4 -1.3	M61A Granite Spring	47.21 7	S	S	00 06 52.3 -2.0	K48A Perry	48.33 357	P	P	00 00 09.4 -2.2	
SFIN Lafayette	46.17 353	P	P	23 59 52.1 -2.6	M59A Waymart	47.25 6	P	P	00 00 02.2 -1.1	K48A	baz=176,SNR=49	S	S	00 07 04.6 -5.5	
N53A Lisbon	46.25 0	I AMs_20	I AMs_20	00 18 42.3	M59A	baz=188,SNR=10	S	S	00 06 51.4 -3.5	K57A Scipio Center	48.34 4	P	P	00 00 09.9 -1.7	
N53A	comp=Z,22um,22.0s	P	P	23 59 53.4 -2.0	TUC Tucson	47.26 325	P	P	00 00 03.6 0.0	K57A	baz=186,SNR=27	S	S	00 07 03.6 -6.6	
N53A	baz=180	S	S	00 06 33.5 -7.0	TUC Tucson	47.26 325	P	P	00 00 03.6 0.0	K58A Earlville	48.45 5	I Amb	I Amb	00 01 43.5	
N55A Marion Center	46.26 2	P	P	23 59 53.9 -1.6	TUC Tucson	47.26 325	P	P	00 00 03.6 0.0	K58A Earlville	48.45 5	P	P	00 00 10.6 -1.8	
N55A	baz=183	S	S	00 06 36.1 -4.7	M44C Midewin, Midew	47.28 353	I Amb	I Amb	00 00 21.3	K58A	baz=187,SNR=11	S	S	00 07 08.8 -3.0	
N50A Nevada	46.26 358	P	P	23 59 53.4 -2.1	YLE Yale	47.33 8	I Amb	I Amb	00 00 22.7	X18A Snowflake	48.46 328	I Amb	I Amb	00 00 18.8	
N50A	baz=177,SNR=23	S	S	00 06 34.8 -5.8	L53A Girard	47.40 1	P	P	00 00 02.0 -2.3	L61B Northampton	48.48 8	P	P	00 00 12.2 -0.5	
N52A McGinn's Farm,	46.26 359	P	P	23 59 52.9 -2.6	L53A	baz=181,SNR=11	S	S	00 06 50.8 -6.2	L61B	baz=191	S	S	00 07 10.3 -1.9	
N51A Ashland	46.38 358	I Amb	I Amb	23 59 59.6	M62A Hamden	47.46 8	P	P	00 00 02.3 -2.5	K60A Fire Rivers En	48.48 7	P	P	00 00 13.5 +0.7	
N51A	comp=Z,187nm,1.1s	I AMs_20	I AMs_20	00 19 58.8	L48A N Adams	47.49 356	P	P	00 00 02.8 -2.3	K59A Cooperstown	48.53 6	P	P	00 00 11.2 -1.9	
N51A	comp=Z,19um,20.0s	P	P	23 59 54.1 -2.3	L48A	baz=175,SNR=25	S	S	00 06 50.4 -7.8	K59A	baz=188	S	S	00 07 12.3 -0.8	
N51A	baz=178,SNR=27	S	S	00 06 35.3 -7.1	L50A Kingsville	47.52 358	P	P	00 00 03.1 -2.1	K43A Burlington	48.62 353	I Amb	I Amb	00 00 32.0	
N54A Moraine State	46.41 1	P	P	23 59 54.9 -1.8	L50A	baz=178	S	S	00 06 51.1 -7.4	K61A Williamstown	48.62 8	P	P	00 00 13.2 -0.6	
N56A West Decatur	46.42 3	P	P	23 59 55.2 -1.6	M63A Gales Ferry	47.55 9	P	P	00 00 03.5 -2.0	K61A	baz=190,SNR=9.5	S	S	00 07 15.8 +1.7	
N56A	baz=184,SNR=9.4	S	S	00 06 37.7 -5.3	M63A	baz=192	S	S	00 06 57.5 -1.5	WES Weston	48.62 9	I Amb	I Amb	00 00 18.6	
N58A Sunbury	46.45 4	I Amb	I Amb	00 00 10.3	ERPA Erie	47.57 1	I Amb	I Amb	00 00 08.9	MEDO Medina	48.66 2	I Amb	I Amb	00 00 18.2	
N58A	comp=Z,150nm,1.0s	P	P	23 59 55.4 -1.5	ERPA	comp=Z,161nm,1.1s	I AMs_20	I AMs_20	00 18 05.2	SCIA State Center	48.66 348	P	P	00 00 13.2 -0.9	
N58A	baz=186,SNR=27	S	S	00 06 40.9 -2.4	ERPA	comp=Z,18um,22.0s	I AMs_20	I AMs_20	00 18 05.2	SCIA	comp=Z,244nm,1.4s	S	S	00 07 09.8 -5.0	
N48A Decatur	46.45 356	P	P	23 59 54.5 -2.5	CBKS Cedar Bluff	47.57 340	P	P	00 00 03.8 0.0	J52A Paris	48.68 0	P	P	00 00 12.1 -2.2	
N49A Columbus Grove	46.46 357	P	P	23 59 54.8 -2.2	CBKS	baz=154,SNR=36	S	S	00 07 00.4 +0.9	J52A	baz=181,SNR=34	S	S	00 07 08.5 -6.5	
N49A	baz=174,SNR=9.1	S	S	00 06 34.2 -9.3	L47A Sherwood	47.58 356	P	P	00 00 03.5 -2.3	HRV Adam Dziewonsk	48.70 9	P	P	00 00 16.4 +2.0	
BRNJ Basking Ridge	46.50 7	P	P	23 59 58.4 +1.1	L47A	baz=174	S	S	00 06 50.7 -8.7	HRV Adam Dziewonsk	48.70 9	P	I Amb	I Amb	00 00 16.4 +2.0
N47A Urbana	46.53 355	I Amb	I Amb	00 00 15.3	L57A Andrews Acres	47.59 4	P	P	00 00 04.4 -1.5	HRV	comp=Z,228nm,1.4s	P	I Amb	I Amb	00 00 19.2
N47A	comp=Z,161nm,1.1s	I AMs_20	I AMs_20	00 19 29.8	L57A	baz=186,SNR=54	S	S	00 06 53.3 -6.4	HRV Adam Dziewonsk	48.70 9	P	P	00 00 15.4 +1.0	
N47A	comp=Z,35um,20.0s	P	P	23 59 54.6 -3.0	L49A Milan	47.62 357	P	P	00 00 04.5 -1.6	K62A Royalton	48.75 9	I Amb	I Amb	00 00 19.5	
Y22D IRIS PASCAL I	46.55 330	P	P	23 59 59.0 +1.0	L49A	baz=176,SNR=38	S	S	00 06 53.0 -7.0	K62A Royalston	48.75 9	P	P	00 00 13.7 -1.2	
Y22D	baz=174,SNR=8.1	I AMs_20	I AMs_20	00 17 57.9	L56A Greenwood	47.68 3	I Amb	I Amb	00 00 10.2	K62A	comp=Z,247nm,1.2s	S	S	00 07 14.1 -1.9	
P38A Dawn	46.55 347	I Amb	I Amb	00 00 02.1	L56A Greenwood	47.68 3	P	P	00 00 04.8 -1.8	J54A Appleton	48.76 2	I Amb	I Amb	00 00 18.0	
N61A South Mountain	46.60 7	P	P	23 59 56.9 -1.1	L56A	baz=185,SNR=18	S	S	00 06 54.2 -6.8	J54A	comp=Z,124nm,0.9s	I AMs_20	I AMs_20	00 19 32.7	
N59A State Game Lan	46.60 5	I Amb	I Amb	00 00 02.8	L55A Hinsdale	47.68 3	P	P	00 00 04.7 -1.9	J54A Appleton	48.76 2	P	P	00 00 14.2 -0.7	
N59A	comp=Z,169nm,0.8s	P	P	23 59 57.3 -0.8	L55A	baz=185	S	S	00 06 57.1 -3.9	KSCO Kaye Shedlock	48.79 337	P	P	00 00 15.2 -0.1	
N59A	baz=187,SNR=38	S	S	00 06 42.5 -3.1	L54A Sinclairville	47.70 2	P	P	00 00 04.6 -2.1	J55A Hilton	48.79 3	I Amb	I Amb	00 00 18.3	
N60A Cedar Hill Far	46.62 6	P	P	23 59 56.0 -2.3	L46A Eue Claire	47.71 355	I Amb	I Amb	00 00 24.3	J55A Hilton	48.79 3	P	P	00 00 13.0 -2.0	
N60A	baz=188	S													

E56A	baz=174,SNR=7.4	52.25	5	P	P	00 00 39.3	-1.8
E58A	baz=187,SNR=38	52.26	7	P	P	00 00 39.6	-1.7
BBRC	baz=190,SNR=34	52.27	322	P	P	00 00 42.6	+0.7
HEC	baz=132	52.30	323	P	P	00 00 42.6	+0.7
D46A	baz=133,SNR=145	52.41	357	P	P	00 00 40.0	-2.3
SC12	baz=176,SNR=26	52.45	320	P	P	00 00 43.1	+0.2
SUSD	baz=130	52.46	344	IAMS_20	IAMS_20	00 25 21.1	
SUSD	comp=Z,15um,19.0s	52.46	344	P	P	00 00 41.3	-1.5
E59A	baz=157,SNR=32	52.46	7	P	P	00 00 42.6	-0.1
TUQ	baz=181,SNR=18	52.48	324	P	P	00 00 43.5	+0.2
E60A	baz=134,SNR=18	52.49	8	P	P	00 00 41.7	-1.2
F64A	baz=132,SNR=38	52.52	11	Iamb	Iamb	00 00 48.2	
F64A	comp=Z,222nm,1.1s	52.52	11	P	P	00 00 42.9	-0.3
D47A	baz=133,SNR=11	52.53	358	P	P	00 00 40.6	-2.7
D51A	baz=177,SNR=61	52.55	1	P	P	00 00 40.5	-2.9
D53A	Lot 18 Range I	52.60	3	Iamb	Iamb	00 00 46.9	
D53A	baz=182,SNR=6.6	52.60	3	P	P	00 00 41.5	-2.3
D50A	Lac Vacive, Po	52.62	1	P	P	00 00 41.0	-2.9
D48A	comp=Z,149nm,1.1s	52.62	359	P	P	00 00 41.0	-2.9
CIS	baz=184,SNR=51	52.62	359	P	P	00 00 41.0	-2.9
D55A	C1974 Best Tow	52.62	359	P	P	00 00 41.0	-2.9
D48A	Paudash Townsh	52.62	359	P	P	00 00 41.0	-2.9
CIS	baz=179,SNR=58	52.62	359	P	P	00 00 41.0	-2.9
CIS	Catalina Hill	52.62	320	P	P	00 00 43.8	-0.6
D55A	baz=133	52.68	5	P	P	00 00 42.1	-2.3
E61A	Sainte-Anne-du	52.70	9	P	P	00 00 44.4	-0.1
BFSC	Lac Etchemin	52.70	9	P	P	00 00 44.4	-0.1
D54A	baz=193,SNR=12	52.71	321	P	P	00 00 44.9	-0.1
D54A	Mount Baldy Ra	52.71	321	P	P	00 00 44.9	-0.1
D54A	baz=132,SNR=70	52.73	4	P	P	00 00 42.2	-2.5
FMP	Lac Fusel, La	52.73	4	P	P	00 00 42.2	-2.5
D56A	baz=185,SNR=31	52.76	321	P	P	00 00 45.2	0.0
SHPR	Fort Macarthur	52.77	5	P	P	00 00 43.0	-2.1
SHPR	ZEC Mazanza, M	52.77	5	P	P	00 00 43.0	-2.1
SHPR	baz=188,SNR=27	52.78	325	Iamb	Iamb	00 00 52.1	
SHPR	comp=Z,238nm,1.5s	52.78	325	IAMS_20	IAMS_20	00 21 23.7	
D57A	comp=Z,14um,21.0s	52.83	6	P	P	00 00 43.9	-1.6
D57A	Chemin Vers le	52.83	6	P	P	00 00 43.9	-1.6
RWWY	baz=189,SNR=46	52.89	335	IAMS_20	IAMS_20	00 20 03.6	
E38A	comp=Z,14um,19.0s	52.90	351	IAMS_20	IAMS_20	00 25 37.9	
E38A	The Farm, Brul	52.90	351	IAMS_20	IAMS_20	00 25 37.9	
GSC	comp=Z,19um,22.0s	52.91	323	Iamb	Iamb	00 00 52.2	
GSC	Goldstone, Ba	52.91	323	Iamb	Iamb	00 00 52.2	
GSC	comp=Z,167nm,1.1s	52.91	323	IAMS_20	IAMS_20	00 02 12.1	
GSC	comp=Z,20um,20.0s	52.91	323	P	P	00 00 46.7	+0.4
D41A	Goldstone, Bar	52.91	323	P	P	00 00 46.7	+0.4
D41A	Chassel	52.94	353	IAMS_20	IAMS_20	00 23 17.8	
MWC	comp=Z,22um,21.0s	52.95	321	Iamb	Iamb	00 00 52.3	
MWC	Mount Wilson	52.95	321	Iamb	Iamb	00 00 52.3	
MWC	comp=Z,144nm,1.1s	52.95	321	IAMS_20	IAMS_20	00 21 01.3	
PASC	comp=Z,14um,18.0s	52.99	321	Iamb	Iamb	00 00 52.6	
PASC	Pasadena Art C	52.99	321	Iamb	Iamb	00 00 52.6	
PASC	comp=Z,203nm,1.3s	52.99	321	IAMS_20	IAMS_20	00 21 02.6	
SHOC	comp=Z,14um,19.0s	53.00	324	P	P	00 00 47.1	+0.2
SHOC	Shoshone, Tece	53.00	324	P	P	00 00 47.1	+0.2
D58A	baz=134,SNR=29	53.02	7	P	P	00 00 45.4	-1.5
D58A	Chemin du LacG	53.02	7	P	P	00 00 45.4	-1.5
E63A	baz=190,SNR=54	53.05	11	Iamb	Iamb	00 00 51.9	
E63A	Oxbow	53.05	11	Iamb	Iamb	00 00 51.9	
D59A	comp=Z,142nm,0.9s	53.05	11	P	P	00 00 46.6	-0.5
D59A	Saint-Raymond	53.07	8	P	P	00 00 45.9	-1.3
D60A	baz=191,SNR=9.2	53.10	9	P	P	00 00 46.3	-1.1
D60A	Saint Jean D'O	53.10	9	P	P	00 00 46.3	-1.1
DECC	baz=182,SNR=50	53.14	321	P	P	00 00 48.4	+0.4
DECC	Green Verdugo	53.14	321	P	P	00 00 48.4	+0.4
E64A	baz=131,SNR=15	53.16	11	P	P	00 00 47.3	-0.6
E64A	Bridgewater	53.16	11	P	P	00 00 47.3	-0.6
SNCC	baz=196,SNR=3	53.25	319	P	P	00 00 49.4	+0.5
SNCC	San Nicolas Is	53.25	319	P	P	00 00 49.4	+0.5
SNCC	comp=Z,288nm,1.1s	53.25	319	Iamb	Iamb	00 00 54.1	
SNCC	San Nicolas Is	53.25	319	P	P	00 00 49.0	+0.1
LATQ	baz=129	53.32	7	P	P	00 00 47.5	-1.5
LATQ	La Tuque	53.32	7	P	P	00 00 47.5	-1.5
EDW2	baz=190,SNR=53	53.34	322	P	P	00 00 49.4	-0.2
EDW2	Edwards Air Fo	53.34	322	P	P	00 00 49.4	-0.2
K22A	baz=132,SNR=96	53.42	337	Iamb	Iamb	00 00 55.3	
K22A	Casper	53.42	337	Iamb	Iamb	00 00 55.3	
K22A	comp=Z,280nm,1.0s	53.42	337	P	P	00 00 49.9	-0.3
D61A	baz=148,SNR=138	53.50	9	P	P	00 00 49.8	-0.6
D61A	St Aubert, Com	53.50	9	P	P	00 00 49.8	-0.6
BLG	baz=193,SNR=77	53.51	320	P	P	00 00 50.7	0.0
BLG	Laguna Peak, P	53.51	320	P	P	00 00 50.7	0.0
LPMC	baz=130,SNR=8.6	53.55	323	P	P	00 00 51.5	+0.4
LPMC	Laurel Mtn Rad	53.55	323	P	P	00 00 51.5	+0.4
D62A	baz=132,SNR=71	53.57	10	P	P	00 00 51.3	+0.4
D62A	Allapoint, All	53.57	10	P	P	00 00 51.3	+0.4
D62A	Allapoint, All	53.57	10	P	P	00 00 50.5	-0.4
OSI	baz=135,SNR=75	53.62	321	Iamb	Iamb	00 01 12.5	
OSI	Osito Audit, C	53.62	321	Iamb	Iamb	00 01 12.5	
OSI	comp=Z,185nm,1.2s	53.62	321	IAMS_20	IAMS_20	00 21 22.2	
OSI	Osito Audit, C	53.62	321	P	P	00 00 51.8	+0.2
VLD0	baz=131,SNR=5.4	53.64	3	IAMS_20	IAMS_20	00 24 07.9	
VLD0	Val d'Or	53.64	3	IAMS_20	IAMS_20	00 24 07.9	
D63A	comp=Z,19um,18.0s	53.70	11	P	P	00 00 51.5	-0.4
D63A	Stockholm	53.70	11	P	P	00 00 51.5	-0.4
TPNV	baz=196,SNR=12	53.72	325	Iamb	Iamb	00 00 58.5	
TPNV	Topopah Spring	53.72	325	Iamb	Iamb	00 00 58.5	
TPNV	comp=Z,190nm,1.2s	53.72	325	IAMS_20	IAMS_20	00 23 01.6	
TPNV	Topopah Spring	53.72	325	P	P	00 00 53.1	+0.7
FURC	comp=Z,19um,18.0s	53.74	324	P	P	00 00 52.9	+0.6
FURC	Furnace Creek,	53.74	324	P	P	00 00 52.9	+0.6
RSSD	baz=135,SNR=118	53.74	324	P	P	00 00 52.9	+0.6
RSSD	Black Hills	53.76	339	P	P	00 00 52.4	-0.2
RSSD	comp=Z,202nm,1.1s	53.76	339	P	P	00 00 52.4	-0.2
RSSD	comp=Z,18um,22.0s	53.76	339	MLR	MLR		
RSSD	Black Hills	53.76	339	P	P	00 00 52.4	-0.2
RSSD	comp=Z,18um,22.0s	53.76	339	Iamb	Iamb	00 00 57.9	
RSSD	Black Hills	53.76	339	P	P	00 00 52.5	-0.1
SC22	baz=151	53.80	320	P	P	00 00 52.8	0.0
SC22	Santa Cruz Isl	53.80	320	P	P	00 00 52.8	0.0
MPVC	baz=130	53.83	323	P	P	00 00 53.2	-0.1
MPVC	Manual Prospec	53.83	323	P	P	00 00 53.2	-0.1
ARCV	baz=133,SNR=76	54.02	322	P	P	00 00 54.8	+0.3
ARCV	Arvin	54.02	322	P	P	00 00 54.8	+0.3
SBC	baz=131,SNR=26	54.13	320	P	P	00 00 55.4	+0.1
SBC	Santa Barbara	54.13	320	P	P	00 00 55.4	+0.1
ISA	baz=130	54.16	322	IAMS_20	IAMS_20	00 22 20.3	
ISA	Isabella, Lake	54.16	322	IAMS_20	IAMS_20	00 22 20.3	
ISA	comp=Z,16um,20.0s	54.16	322	P	P	00 00 55.9	+0.4
ISA	Isabella, Lake	54.16	322	P	P	00 00 55.9	+0.4
EYMN	baz=132,SNR=52	54.19	351	P	P	00 00 54.1	-1.4
EYMN	Ely	54.19	351	P	P	00 00 54.1	-1.4
DUG	baz=167,SNR=179	54.25	330	Iamb	Iamb	00 01 02.1	
DUG	Dugway, Toele	54.25	330	Iamb	Iamb	00 01 02.1	
DUG	comp=Z,297nm,1.1s	54.25	330	IAMS_20	IAMS_20	00 23 07.7	
DUG	Dugway, Toele	54.25	330	P	P	00 00 56.6	+0.4
R11A	baz=140,SNR=185	54.34	327	Iamb	Iamb	00 01 02.9	
R11A	Troy Canyon, C	54.34	327	Iamb	Iamb	00 01 02.9	

R11A	comp=Z,142nm,1.1s	54.34	327	P	P	00 00 57.5	+0.6
R11A	Troy Canyon, C	54.34	327	P	P	00 00 57.5	+0.6
C32A	baz=136,SNR=130	54.44	323	P	P	00 00 58.0	+0.4
C32A	Cottonwood Cre	54.44	323	P	P	00 00 58.0	+0.4
DWC	comp=Z,17um,20.0s	54.47	347	Iamb	Iamb	00 01 01.9	
DWC	Dogwood Acres,	54.47	347	Iamb	Iamb	00 01 01.9	
PKM	comp=Z,217nm,0.9s	54.48	321	P	P	00 00 58.0	-0.1
PKM	Mpchner Peak	54.48	321	P	P	00 00 58.0	-0.1
LSOQ	baz=185	54.61	3	P	P	00 00 55.8	-2.7
LSOQ	Label-sur-Quev	54.61	3	P	P	00 00 55.8	-2.7
YES	baz=185	54.65	322	P	P	00 00 59.3	+0.3
YES	Vestal, Richgr	54.65	322	P	P	00 00 59.3	+0.3
BW06	baz=131,SNR=48	54.77	334	Iamb	Iamb	00 01 04.6	
BW06	Miller	54.77	334	Iamb	Iamb	00 01 04.6	
BW06	comp=Z,191nm,1.1s	54.77	334	P	P	00 00 59.2	-0.9
BW06	Boulder Array	54.77	334	P	P	00 00 59.2	-0.9
PD31	baz=144,SNR=107	54.77	334	Iamb	Iamb	00 01 04.6	
PD31	Pinedale Array	54.77	334	Iamb	Iamb	00 01 04.6	
PDAR	comp=Z,176nm,1.1s	54.77	334	P	P	00 00 59.0	-1.1
PDAR	Pinedale Array	54.77	334	P	P	00 00 59.0	-1.1
PDAR	comp=Z,28nm,0.8s,baz=131,slow=8.2,SNR=125	54.77	334	PcP	PcP	00 02 01.6	-0.7
PDAR	comp=Z,28nm,0.9s,baz=133,slow=5.7,SNR=3.7	54.77	334	LR	LR	00 24 23.6	
PDAR	comp=Z,26um,18.2s,baz=158,slow=36	54.77	334	PKPKPK P'P'df	PKPKPK P'P'df	00 31 10.1	+1.1
PDAR	comp=Z,0.5nm,0.8s,baz=270,slow=1.5,SNR=3.5	54.77	334	P	P	00 00 58.2	-1.8
PDAR	Pinedale Array	54.77	334	P	P	00 00 58.2	-1.8
SMCC	comp=Z,17um,20.0s	54.87	321	P	P	00 01 01.2	+0.5
SMCC	Simmler	54.87	321	P	P	00 01 01.2	+0.5
TIN	baz=130,SNR=36	54.94	324	P	P	00 01 01.8	+0.5
TIN	Tinemaha, Big	54.94	324	P	P	00 01 01.8	+0.5
VOG	baz=131	55.14	322	P	P	00 01 01.9	-0.7
VOG	Valley Oaks Go	55.14	322	P	P	00 01 01.9	-0.7
MATO	Matagami	55.28	3	P	P	00 01 00.5	-2.7
MATO	comp						

Table with columns for name, time, date, and various codes. Includes entries like KHC Kasperske Hory, MYKA Terra Mystica, GEC2 GERES Array B, etc.

Table with columns for name, time, date, and various codes. Includes entries like HOPEN Hopfen, KRLC Kralicky, GKP Gorka Klasztor, etc.

Table with columns for name, time, date, and various codes. Includes entries like OBN Obninsk, SEY Seymchan, TIXI Tiksi, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Malin Array Be, HFS Hagfors, NB2 NORSA, etc.

JMA 16:00:07:54.5:0.9,46:27N:153.08E, h30km, M4.9
MOS 16:00:07:56.5:1.0,46:45N:152.72E, h42km, mb5.0/30,

MS3.5/5, Error ellipse: s-maj=8.2km s-min=5.6km az=80.5
SKHL 16:00:07:56.5:0.4,46:24N:152.96E, h54km, mb5.2/8,

ms5.6/3
IDC 16:00:07:59.6:2.6,46:51N:152.61E, h53km, mb4.2/33,

mb1.4/36, mb1mx4.2/72, mbtmp4.5/36, ML3.8/3, Error
ellipse: s-maj=17.0km s-min=11.0km az=163.0,

BUI 16:00:08:00.0:0.0,46:60N:152.60E, h50km, mb4.9/4,

mb4.7/11, Ms4.5/3, Ms7.4/3/3
NEIC 16:00:08:19.1:3.0,48:2N:0.1:152.5E:0.1, h154km, 5km,

mb4.6/125, Error ellipse: s-maj=20.8km s-min=10.6km
az=156.0

ISC 16:00:07:57.9:0.6,46:29N:0.0:152.75E:0.0, h44km, 4km,

h44km:pp-P, n335, i168/323, mb4.7/121, 18C-20D, Kuril Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists numerous stations like Kuril'sk, 180nm, 370nm, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists stations like YSS, Yuzh-Sakhalins, JMP, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists stations like TRF, Thorofare Moun, RCO1, etc.

16d 0h

Table with columns: MOD, Modoc Plateau, 59.53 60, Iamb, Iamb, 00 17 58.9, WVOR Wild Horse Val, 60.21 59, Iamb, Iamb, 00 18 03.4, SUMG Summit, 61.17 4, I P, P, 00 18 07.0 -0.7, etc.

2014 MAR

Table with columns: CLL, Collm, 76.78 335, I P, P, 00 19 44.7 +0.3, CLL, Collm, 76.78 335, I P, P, 00 19 44.7 +0.3, etc.

800

Table with columns: CCCC Cccc, 5.22 76, eP, Pn, 00 09 50.3 +3.7, CCCC Cccc, 5.22 76, eP, Pn, 00 10 47.7 +3.1, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Tarama, Makanchi Array, Zalesovo Beam, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like n54, 0587/68, Diyarbakir_Han, BNGB Bingli, MUSIM Mu-2um,0.5s, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like STKA, SKRS Stephens Creek, STKS Kurepa Array, SONM Songoing Array, etc.

ISC 16 02:38:57.9, 38°57'N, 40°69'E, h5km, ML3.7/28
ISC 16 02:38:58.4, 1.0, 38°63'N, 40°67'E, h0km, mb3.6/4,
mb1 3.6/10, mb1mx3.3/58, mbtmp3.5/10, ML2.5/5, Error
ellipse: s-maj=19.5km s-min=10.9km az=151.0,

ISC 16 03:15:16.9, 2.8, 23°68'S, 175°29'W, h0km, mb3.9/5,
mb1 4.3/5, mb1mx3.9/33, mbtmp3.9/5, MS3.4/1, Ms1 3.4/1,
s-min=26.8km, Error ellipse: s-maj=166.9km
s-min=26.8km, az=156.0, Tonga Islands region

ISC 16 03:24:46.8, 1.7, 17°31'S, 124°28'E, h0km, mb3.7/3,
mb1 4.1/5, mb1mx3.8/27, mbtmp3.9/5, ML4.2/2, MS3.0/2,
s-min=20.5km, Error ellipse: s-maj=64.7km
s-min=20.5km, az=113.1, Tonga Islands region
NEIC 16 03:24:50.3, 1.3, 17°25'0.2, 124°5'0.2, h16km, 7km,
Error ellipse: s-maj=35.5km s-min=13.2km az=53.0
ISC 16 03:24:49.3, 1.1, 17°25'0.1, 124°3E.0, h10km, n15,
c341/17, mb3.8/3, Western Australia

IDC 16 03:58:35.0:4.8, 21.14Sx176.90W, h387km, 51km, mb3.1/5, mb1 3.5/7, mb1mx3.2/6, mbtmp4.1/7, Error ellipse: s-maj=27.3km s-min=18.1km az=106.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, URZ, STKA, ASAR, WRA, NVAR, ILAR.

HEL 16 04:01:00.0:71.58N:13.67E, h10km, ML2.5, Confirmed Earthquake
BER 16 04:01:01.1:1.8, 71.63N:13.09E, h28km, 17km, ML1.8, ML2.5(HEL), Confirmed Earthquake
NAO 16 04:01:01.2:6.9, 71.66N:13.64E, h22km, 79km, ML1.8, Norwegian Sea

Main table for the first section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRO, HAMF, LOF, KIF, STEI, KOVU, KTK1, ARAO, ARED, LANU, HEF, KEV, MASU, DUNU, STOK, MOR8, PAJU, SPA0, VRF, TOF.

TAP 16 04:09:06.0:24.62N:122.49E, h74km, ML3.4, C
JMA 16 04:09:06.0:0.1, 24.54N:122.48E, h74km, 1km, M2.6
ISC 16 04:09:06.9:1.3, 24.56N:122.49E:0.02, h65km, 8km, n7, 40963/129, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EOS1, EOH1, JYNG, YOJ.

Main table for the second section with columns: YOI, YOJ, TWC, NTC, ENA, ILA, TIPB, TWE, TWE, NWF, NWF, WFSB, WFSB, ENTT, ENTT, NDT, NDT, NACB, NACB, NACB, NACB, NWLT, NWLT, TWA, TWA, TWA, TWD, NNDH, NNDH, ETNH, ETNH, TATO, TATO, TATO, TATO, NNSB, NNSB, NNSB, NNSB, NNSH, NNSH, YMO1, YMO1, YMO1, YMO1, YHNB, YHNB, YHNB, YHNB, NNS, NNS, NNS, NNS, YM10, YM10, YM10, YM10, YM05, YM05, YM05, YM05, NSK, NSK, ENLB, ENLB, ENLB, ENLB, YMO4, YMO4, YMO4, YMO4, TWY, TWY, TWY, TWY, TWS1, TWS1, TWS1, TWS1, IRIF, IRIF, WHF, WHF, WHF, WHF, ESL, ESL, TWT, TWT, TWT, TWT, TDCB, TDCB, TDCB, TDCB, HATJ, HATJ, HATJ, HATJ, CHGB, CHGB, CHGB, CHGB, OHDG, OHDG, OHDG, OHDG, OWD, OWD, LIOB, LIOB, LIOB, LIOB, NNTT, NNTT, NNTT, NNTT, JKRS, JKRS, WHP, WHP, WHP, WHP, HGD, HGD, HGD, HGD, WVDT, WVDT, WVDT, WVDT, EHY, EHY, EHY, EHY.

Main table for the third section with columns: EHY, JUJ, TWQ1, TWQ1, YULB, YULB, YULB, SSSL, SSSL, SSSL, SSSL, SMLT, SMLT, SMLT, YULI, YULI, TYC, TYC, TYC, TYC, JISG, JISG, WHYT, WHYT, WHYT, WHYT, FULB, FULB, FULB, FULB, YUS, YUS, YUS, YUS, CHKT, CHKT, CHN5, CHN5, CHN5, CHN5, TPUB, TPUB, TPUB, TPUB, TWGBT, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWG, TWK, TWK, TWK, TWK, CHN1, CHN1, CHN1, CHN1, MASBT, MASBT, MASBT, MASBT.

IDC 16 04:38:35.9:2.18, 58Sx178.60W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/19, mbtmp3.7/3, Error ellipse: s-maj=406.8km s-min=39.8km az=144.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, ILAR.

IDC 16 05:01:15.5:6.0, 7.06S:155.54E, h0km, mb3.8/4, mb1 3.8/4, mb1mx3.5/41, mbtmp3.8/4, MS3.1/2, Ms1 3.1/2, ms1mx2.5/39, Error ellipse: s-maj=193.7km s-min=32.5km az=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, WRA, ASAR, USRK, MKAR, ZALV.

IDC 16 05:13:31.6:7.5, 18.90N:145.23E, h323km, 78km, mb3.1/9, mb1 3.3/9, mb1mx3.1/52, mbtmp3.8/9, Error ellipse: s-maj=27.9km s-min=14.0km az=98.0

ISC 16 05:13:34.1:0.8, 18.9N:145.2E:0.3, h350km, n10, 0876/10, mb3.4/10, Mariana Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAJ, WRA, FITZ, ASAR, MKAR, KURBB, ILAR, YKA, NVAR, FINES.

IDC 16 05:22:59.5:2.5, 4.88S:152.35E, h57km, 20km, mb3.9/6, mb1 4.1/7, mb1mx3.8/41, mbtmp4.2/7, ML2.2/1, MS3.2/1, Ms1 3.2/1, ms1mx2.7/28, Error ellipse: s-maj=47.1km s-min=13.3km az=119.0

ISC 16 05:22:59.1:1.0, 4.91S:152.5E:0.1, h55km, n10, 4070/12, mb3.9/6, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, PMG, PMG, WRA, ASAR, ASAR, STKA, FITZ.

Table with columns: ILAR, Eielson Array, 82.39 22 P, P, 05 35 14.8 -0.2, etc. Includes station names like Tirane, Puka, Dracevica, etc.

SOME 16 05:32:09.5, 42°35'N, 78°02'E, h10km, MS3.9
IDC 16 05:32:09.2, 0.6, 42°34'N, 78°04'E, h0km, mb4.2/17,
mb1 4.4/24, mb1 mx3/4.1/7, mbmp4.2/24, ML4.27, MS3.6/10,
Ms1 3.6/10, ms1 mx3.2/5.5, Error ellipse: s-maj=10.7km
s-min=9.5km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like Przeval'sk, Anan'yev, Kajsay, etc.

Table with columns: KURS, Kuram, 1.08 8j eP, Pg, 05 32 30.6 -1.7, etc. Includes station names like Kuram, Alma-Ata, etc.

Table with columns: KZA, Kyzart, 2.05 262 P, Pb, 05 32 47.9 -1.1, etc. Includes station names like Kyzart, Karagaybulak, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GNI, WSAR Wadi Sarin, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PRGZ Paritu Road, WPRZ Whakappatarin, KUTZ Kaahu Road, etc.

BGR 16 05:34:35.0L 0.0, 22:30S; 176.75W, h304km
IDC 16 05:34:36.9L 1.6, 21:91S; 177.67W, h304km, 13km
mb4.2/2.1, mb 1.4, w/22, mb 1mx4.3/29, mb1mp4.9/22, Error
w/ellipse: s-maj=14.2km s-min=10.1km az=128.0
NEIC 16 05:34:40.1L 1.6, 21:95.0L 1.77740.0.1, h336km, 5km,
mb4.8/1.71, Error ellipse: s-maj=17.1km s-min=14.7km
az=105.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MSVF Nouavu, RAO Raou Island, GLKZ Green Lake, etc.

16d 5h

002D	Mt. Diablo Mer	80.23	39	P	P	05 46 15.6 +2.1
MAW	Mawson	80.23	200	P	P	05 46 14.7 +1.7
PFO	Pinyon Flats O	80.33	48	P	P	05 46 15.4 +1.2
PFO	Pinyon Flats O	80.33	48	Iamb	Iamb	05 46 16.2
PFO	Pinyon Flats O	80.33	48	P	P	05 46 15.7 +1.4
CMB	Columbia Colle	80.35	42	P	P	05 46 15.3 +1.1
SWSC	Sam W. Stewart	80.41	49	P	P	05 46 16.6 +2.1
USA0B	Ussuriysk Arra	80.47	326	P	P	05 46 14.9 +0.3
USA0B	Ussuriysk Arra	80.47	326	Iamb	Iamb	05 46 16.5
USRK	Ussuriysk Ar.	80.47	326	P	P	05 46 15.2 +0.6
USRK	Ussuriysk Ar.	80.47	326	P	P	05 46 15.0 +0.4
AFDM	Forest Hills D	80.55	41	P	P	05 46 16.4 +1.2
LRMC	Laurel Mtn Rad	80.57	46	P	P	05 46 16.9 +1.3
ORV	Oroville	80.60	41	P	P	05 46 16.6 +1.1
WDC	Whiskeytown Da	80.63	39	P	P	05 46 17.2 +1.6
WDC	Whiskeytown Da	80.63	39	Iamb	Iamb	05 46 18.2
SII	Sitkinak Islan	80.78	13	P	P	05 46 15.6 -0.3
N02D	Trinity Canyon	80.79	39	P	P	05 46 18.3 +1.8
BELC	Belle Mtn. Jos	80.86	48	P	P	05 46 18.9 +1.8
CWC	Cottonwood Cre	80.87	45	P	P	05 46 18.7 +1.6
003E	Paynes Creek	80.89	40	P	P	05 46 18.2 +1.2
MDPB	Devils Postpil	80.93	43	P	P	05 46 18.4 +0.8
OMMB	Old Mammoth Mi	80.97	43	P	P	05 46 19.1 +1.3
M02C	Callahan	80.97	38	P	P	05 46 19.1 +1.7
MPMC	Manual Prospec	81.03	45	P	P	05 46 19.4 +1.3
L02E	Cave Junction	81.03	38	P	P	05 46 19.2 +1.6
BC3	Big Chuckawall	81.04	48	P	P	05 46 19.9 +1.9
GSC	Goldstone, Bar	81.05	46	P	P	05 46 19.2 +1.2
GSC	Goldstone, Bar	81.05	46	P	P	05 46 19.6 +1.6
HEC	Hector, Ludlow	81.10	47	P	P	05 46 19.8 +1.5
RUBR	Rubicon Trail	81.11	42	P	P	05 46 19.0 +0.6
RUBR	Rubicon Trail	81.11	42	Iamb	Iamb	05 46 21.6
GLA	Glamis	81.15	49	P	P	05 46 20.2 +1.7
GLA	Glamis	81.15	49	Iamb	Iamb	05 46 21.6
GLA	Glamis	81.15	49	P	P	05 46 20.6 +2.1
NJ2	Nanjing	81.17	310	eP	P	05 46 19.8 +1.2
YBH	Yreka Blue Hor	81.27	38	P	P	05 46 20.5 +1.5
YBH	Yreka Blue Hor	81.27	38	P	P	05 46 20.1 +1.1
YBH	Yreka Blue Hor	81.27	38	Iamb	Iamb	05 46 21.8
K02D	Willamette Mer	81.35	37	P	P	05 46 21.2 +1.8
PNTR	Pine Nut	81.48	42	P	P	05 46 21.9 +1.5
BEKR	Beckworth	81.49	41	P	P	05 46 21.5 +1.2
J01E	Myrtle Point	81.51	37	P	P	05 46 21.7 +1.6
GMRC	Granite Mounta	81.53	47	P	P	05 46 22.0 +1.4
IRM	Iron Mountain	81.54	48	P	P	05 46 22.4 +1.9
VCNR	Virginia City	81.57	42	P	P	05 46 22.2 +1.4
VCNR	Virginia City	81.57	42	Iamb	Iamb	05 46 23.2
YERR	Yerington	81.64	42	P	P	05 46 22.5 +1.3
YERR	Yerington	81.64	42	Iamb	Iamb	05 46 23.3
GRAC	Grapevine Rang	81.66	45	P	P	05 46 22.8 +1.7
FURC	Furnace Creek,	81.68	45	P	P	05 46 22.7 +1.6
HUMO	Hull Mountain	81.69	37	P	P	05 46 17.3 -3.8
TUE	Turquoise Moun	81.72	47	P	P	05 46 23.3 +1.7
Y12C	Blythe	81.74	49	P	P	05 46 23.0 +1.5
Y12C	Blythe	81.74	49	Iamb	Iamb	05 46 24.3
Y12C	Blythe	81.74	49	P	P	05 46 23.6 +2.1
SHOC	Shoshone, Teco	81.75	46	P	P	05 46 23.0 +1.4
M04C	Macdoel	81.80	39	P	P	05 46 23.5 +1.7
L04D	Klamath Falls	81.81	38	P	P	05 46 23.3 +1.7
RYN	Ryan	81.87	43	P	P	05 46 23.9 +1.6
NVAR	Mina Array Bea	81.89	43	P	P	05 46 23.8 +1.3
NVAR	Mina Array Bea	81.89	43	Iamb	Iamb	05 46 24.3
NVAR	Mina Array Bea	81.89	43	P	P	05 46 23.9 +1.4
NVAR	Mina Array Bea	81.89	43	Iamb	Iamb	05 46 23.9 +1.1
NVAR	Mina Array Bea	81.89	43	Iamb	Iamb	05 46 25.1
2114	Organ Pipe Nat	81.99	51	P	P	05 46 24.8 +1.9
NV11	Mina Array Sit	81.99	43	P	P	05 46 24.3 +1.4
NV11	Mina Array Sit	81.99	43	Iamb	Iamb	05 46 25.2
MDJ	Mudanjiang	82.02	325	P	P	05 46 23.6 +0.9
MDJ	Mudanjiang	82.02	325	P	P	05 46 23.7 +0.9
MDJ	Mudanjiang	82.02	325	Iamb	Iamb	05 46 24.5
I03D	Drain, OR	82.18	36	P	P	05 46 25.3 +1.7
KDAK	Kodiak Island	82.24	13	P	P	05 46 23.0 -0.5
KDAK	Kodiak Island	82.24	13	P	P	05 46 23.5 +1.1
PDAM	Parker Dam, Lak	82.31	48	P	P	05 46 26.6 +2.0
TPNV	Topopah Spring	82.36	45	P	P	05 46 26.1 +1.2
TPNV	Topopah Spring	82.36	45	P	P	05 46 26.4 +1.5
K04D	Chiloquin, OR	82.39	38	P	P	05 46 26.6 +1.8
KVN	Kaisererville	82.39	43	P	P	05 46 25.3 +0.3
KVN	Kaisererville	82.39	43	Iamb	Iamb	05 46 27.1
J04D	Umpqua Nationa	82.57	37	P	P	05 46 27.8 +1.9
I04A	Tendick Farm,	82.76	37	P	P	05 46 27.7 +1.1
MOD	Modoc Plateau	82.77	39	P	P	05 46 27.1 +0.3
MOD	Modoc Plateau	82.77	39	Iamb	Iamb	05 46 29.1
SHPR	Sheep Range	82.83	46	P	P	05 46 28.6 +1.3
Y14A	Wickenburg	82.91	49	P	P	05 46 29.3 +1.7
Y14A	Wickenburg	82.91	49	Iamb	Iamb	05 46 30.2
W13A	Hualapai Mount	82.92	48	P	P	05 46 29.0 +1.1
H04D	Lebanon	83.05	36	P	P	05 46 29.9 +2.0
J05D	Fort Rock, OR	83.10	38	P	P	05 46 30.1 +1.6
G03D	McMininville, O	83.21	35	P	P	05 46 30.6 +1.8
H04A	Detroit Lake	83.45	36	P	P	05 46 30.6 +0.5
PINE	Pine Mountain	83.59	47	P	P	05 46 31.1 +1.1
R11A	Troy Canyon, C	83.59	44	P	P	05 46 31.7 +0.6
R11A	Troy Canyon, C	83.59	44	P	P	05 46 32.3 +1.1
TUC	Tucson	83.64	52	P	P	05 46 33.6 +2.2
TUC	Tucson	83.64	52	Iamb	Iamb	05 46 34.6
TUC	Tucson	83.64	52	P	P	05 46 33.6 +2.2
I05D	Terrebonne, OR	83.70	37	P	P	05 46 33.0 +1.6
IPM	Iloh	83.72	277	P	P	05 46 30.8 -1.3
IPM	Iloh	83.72	277	Iamb	Iamb	05 46 33.5
CN2	Changchun	83.77	322	eP	P	05 46 31.4 -0.3
F04D	Rainier, OR	83.91	35	P	P	05 46 34.5 +2.2

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E03A	Lebanon	83.92	34	P	P	05 46 33.6 +1.3
WVOR	Wild Horse Val	84.08	40	P	P	05 46 34.2 +0.7
WVOR	Wild Horse Val	84.08	40	Iamb	Iamb	05 46 35.7
F04A	Amboy	84.13	35	P	P	05 46 34.2 +0.9
X16A	Lo Mia Camp, P	84.26	49	P	P	05 46 35.9 +1.3
X16A	Lo Mia Camp, P	84.26	49	Iamb	Iamb	05 46 37.6
319A	Wamic, OR	84.27	53	P	P	05 46 36.1 +1.5
G05D	Wamic, OR	84.28	36	P	P	05 46 35.8 +1.5
L02E	Little Creek M	84.39	46	P	P	05 46 35.4 +0.2
E04D	Cinebar	84.45	35	P	P	05 46 36.9 +1.9
I07A	Izeze	84.58	38	P	P	05 46 37.1 +1.3
I07A	Izeze	84.58	38	Iamb	Iamb	05 46 37.7
CCUT	Cedar City	84.61	46	P	P	05 46 37.0 +0.6
F05D	White Salmon	84.61	36	P	P	05 46 37.2 +1.3
G06A	Carlson Farm,	84.65	36	P	P	05 46 36.6 +0.5
G06A	Carlson Farm,	84.65	36	Iamb	Iamb	05 46 38.3
RSO	Knab	84.68	12	P	P	05 46 35.1 -0.9
KNB	Knab	84.68	47	P	P	05 46 38.0 +1.4
U15A	North Rim	84.73	47	P	P	05 46 38.1 +1.1
J08A	Circle Bar Ran	84.73	39	P	P	05 46 37.5 +0.8
PSUT	Pine Spring	84.82	45	P	P	05 46 38.4 +1.1
WUAZ	Wupatki	84.88	49	P	P	05 46 37.4 +0.2
WUAZ	Wupatki	84.88	49	P	P	05 46 39.5 +1.9
LON	Longmire	84.98	35	P	P	05 46 38.7 +1.0
RPSI	Rantau Prapat	84.98	275	P	P	05 46 37.5 -0.9
RPSI	Rantau Prapat	84.98	275	Iamb	Iamb	05 46 38.2
D05A	Enunclaw	85.16	34	P	P	05 46 38.9 +0.4
ELK	Elko	85.16	42	P	P	05 46 38.8 -0.3
PKCU	Pink Cliffs	85.25	47	P	P	05 46 41.1 +1.5
X18A	Snowflake	85.37	50	P	P	05 46 41.8 +1.7
X18A	Snowflake	85.37	50	Iamb	Iamb	05 46 42.8
MA2	Magadan	85.39	344	P	P	05 46 38.7 -1.6
MA2	Magadan	85.39	344	Iamb	Iamb	05 46 39.8
F07A	Phinny Hill Vi	85.45	36	P	P	05 46 40.7 +0.7
F07A	Phinny Hill Vi	85.45	36	Iamb	Iamb	05 46 42.2
G08A	Pilot Rock	85.62	37	P	P	05 46 41.6 +0.7
G08A	Pilot Rock	85.62	37	Iamb	Iamb	05 46 43.2
MTPU	Mount Pierson	85.66	46	P	P	05 46 43.1 +1.4
GAMB	Gambell	85.68	63	P	P	05 46 39.6 -1.0
GAMB	Gambell	85.68	63	Iamb	Iamb	05 46 41.4
A04D	Lummi Island	85.78	33	P	P	05 46 43.3 +1.8
TCRU	Three Creeks R	85.79	45	P	P	05 46 42.5 +0.3
B05A	Bryant	85.80	34	P	P	05 46 43.1 +1.5
RC01	Rabbit Creek A	85.86	13	P	P	05 46 40.5 -1.1
RC01	Rabbit Creek A	85.86	13	Iamb	Iamb	05 46 41.8
LTY	Liberty	85.90	35	P	P	05 46 42.8 +0.6
LTY	Liberty	85.90	35	Iamb	Iamb	05 46 44.7
E07A	Sunnyside	85.90	36	P	P	05 46 43.1 +0.9
MSU	MSU	85.91	46	P	P	05 46 43.9 +1.2
121A	Cookes Peak, D	85.95	53	P	P	05 46 44.7 +1.7
121A	Cookes Peak, D	85.95	53	Iamb	Iamb	05 46 46.1
121A	Cookes Peak, D	85.95	53	P	P	05 46 45.5 +2.5
HAWA	Hanford	85.98	36	P	P	05 46 42.6 +0.1
SUA	Susitna One	86.00	13	P	P	05 46 41.5 -1.0
GLI	Glacier Island	86.26	14	P	P	05 46 42.2 -1.3
BMO	Blue Mountains	86.30	38	P	P	05 46 44.5 +0.3
E08A	Dieder Farm, El	86.30	36	P	P	05 46 44.8 +0.7
E08A	Dieder Farm, El	86.30	36	Iamb	Iamb	05 46 46.3
MFID	Camas Ranch	86.33	40	P	P	05 46 45.6 +1.1
TTA	Tatalina	86.42	10			

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like SUMG, BOSHA, ARU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like GUNZ, WERN, NKC, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like TIR, TIR, TIR, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like LJU, VISS, VISS, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like URZ, ASAR, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TOR, MK31, MK31, MKAR, etc.

GUC 16:06:41.29:7.0, 31.265x70.39W, h131km, 5km, ML3.4
SJA 16:06:41.29:2.0, 8.31.265x70.03W, h120km, 4km, ML3.1,
WV3.2

ISC 16:06:41.29:7.1, 5.31.25S:0.03:70.03W:0.04,
h127km, 10km, n35, e079S/4, 5C-3D, Chile-Argentina
border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CO03, RTLS, CO02, ACCO, etc.

IDC 16:07:17.13:4.0, 9.0, 30.45N:138.70E, h418km, 12km,
mb3.2/13, mb1 3.3/17, mb1mx3.0/5.1, mbtmp3.9/17, Error
ellipse: s-maj=31.5km s-min=12.7km az=79.0

JMA 16:07:17.13:4.0, 6.0, 30.60N:139.08E, h434km, M3.5
ISC 16:07:17.12:9.0, 8.0, 30.57N:0.008:138.9E:0.1, h411km, n31,
e28D/38, mb3.5/13, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JHU, JIE, JKN2, etc.

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

MAN 16:07:27.40:1.772N:124.75E, h27km, mb4.1, ML2.8, MS2.5,
10C, Mindanao

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

IDC 16:07:30:40:2.2, 7.67N:94.29E, h0km, mb3.6/3, mb1 3.7/4,
mb1mx3.4/49, mbtmp3.6/4, ML3.2/1, MS2.9/1, Ms1 2.9/1,
ms1mx2.4/36, Error ellipse: s-maj=192.3km
s-min=25.1km az=54.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSI, PALK, H08S3, etc.

IDC 16:07:36:39:7.0, 8.0, 6.3N:126.52E, h0km, mb4.1/7,
mb1 4.1/10, mb1mx3.8/46, mbtmp4.1/10, ML3.7/3, Error
ellipse: s-maj=36.7km s-min=12.7km az=67.0

DJA 16:07:36:44.3:1.1, 1.1N:3.127E, h30km, 9km, M4.0/5,
ML4.0/5

NEIC 16:07:36:47.2:1.5, 0.59N:0.10x:126.74E:0.05, h61km, 8km,
mb4.1/13, Error ellipse: s-maj=14.4km s-min=7.1km

ISC 16:07:36:46.5:0.7, 0.53N:0.006:126.66E:0.05, h47km, n33,
e177/41, mb4.1/12, Northern Molucca Sea

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

WRAB Tennant Creek 21.69 160 P Iamb Iamb 07 41 33.2 -0.4

WRA Warramunga Arr 21.70 160 P P 07 41 33.1 -0.5

WRB Warramunga Arr 21.70 160 P P 07 41 33.2 -0.4

AS31 Alice Springs 25.06 164 P P 07 42 06.7 0.0

ASAR Alice Springs 25.06 164 P P 07 42 07.5 +0.8

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

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

IDC 16:07:56:18:8.1, 2.1, 19.34S:70.99W, h0km, mb3.9/4,
mb1 3.0/6, mb1mx3.7/36, mbtmp3.8/6, ML2.8/3, MS3.1/4,
Ms1 3.0/4, Ms1mx2.7/36, Error ellipse: s-maj=31.5km
s-min=17.7km az=79.0

NEIC 16:07:56:21:3:1.2, 19.45S:0.06:71.09W:0.07, h17km, 5km,
mb4.0/6, ML3.4(GUC), Error ellipse: s-maj=12.2km
s-min=5.1km az=134.0

GUC 16:07:56:22:0:7.1, 19.42S:71.03W, h30km, 2km, ML3.5
ISC 16:07:56:18:0:1.8, 19.43S:0.03:71.10W:0.06, h2km, 10km,
n42, e139/60, mb4.0/6, 6C-5D, Off coast of northern
Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSGC, PB12, etc.

MAN 16:07:27.40:1.772N:124.75E, h27km, mb4.1, ML2.8, MS2.5,
10C, Mindanao

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

IDC 16:07:30:40:2.2, 7.67N:94.29E, h0km, mb3.6/3, mb1 3.7/4,
mb1mx3.4/49, mbtmp3.6/4, ML3.2/1, MS2.9/1, Ms1 2.9/1,
ms1mx2.4/36, Error ellipse: s-maj=192.3km
s-min=25.1km az=54.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSI, PALK, H08S3, etc.

IDC 16:07:36:39:7.0, 8.0, 6.3N:126.52E, h0km, mb4.1/7,
mb1 4.1/10, mb1mx3.8/46, mbtmp4.1/10, ML3.7/3, Error
ellipse: s-maj=36.7km s-min=12.7km az=67.0

DJA 16:07:36:44.3:1.1, 1.1N:3.127E, h30km, 9km, M4.0/5,
ML4.0/5

NEIC 16:07:36:47.2:1.5, 0.59N:0.10x:126.74E:0.05, h61km, 8km,
mb4.1/13, Error ellipse: s-maj=14.4km s-min=7.1km

ISC 16:07:36:46.5:0.7, 0.53N:0.006:126.66E:0.05, h47km, n33,
e177/41, mb4.1/12, Northern Molucca Sea

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

WRAB Tennant Creek 21.69 160 P Iamb Iamb 07 41 33.2 -0.4

WRA Warramunga Arr 21.70 160 P P 07 41 33.1 -0.5

WRB Warramunga Arr 21.70 160 P P 07 41 33.2 -0.4

AS31 Alice Springs 25.06 164 P P 07 42 06.7 0.0

ASAR Alice Springs 25.06 164 P P 07 42 07.5 +0.8

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

ASAR Alice Springs 25.06 164 P P 07 42 07.8 +1.1

JMA 16:07:58:47.0:0.3, 43.48N:147.64E, h12km, M3.7
SKHL 16:07:58:48.2:0.3, 43.48N:147.79E, h40km, 4km, mb4.0/5
ISC 16:07:58:49.2:3.7, 43.68N:0.11:147.7E:0.1, h33km, 13km, n13,
e067/22, Kuril Islands

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

JMA 16:07:51:46.6, 32.57N:130.02E, h8km, 1km, M0.2, Kyushu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BVAR Borovoye Array, ARU Arti, ABKAR Akbulat Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJG Chichi jima, JHH2 Haha-jima-NKT2, etc.

IDC 16 11:33:35.1±1.1, 55°87'S-27°83'W, h0km, mb4, 1/3, mb1 4.2/4, mb1mx3.8/35, mbtrmp4.1/4, ML 4.1/1, Error ellipse: s-maj=26.2km s-min=23.1km az=92.0

NEIC 16 11:33:47.5±1.4, 56°05'O-1°27'38'W, h0.9km, mb4, 3/8, Error ellipse: s-maj=21.7km s-min=6.5km az=188.0

ISC 16 11:33:48.7±0.7, 56°15'S-0°12'57'W, h112km, n33, az=68/33, mb4.2/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DAWY Dawson, RIDG Independent Ri, FYU Fort Yukon, etc.

TAP 16 11:34:34.6, 24°50'N-121°38'E, h23km, ML1.6, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ENA Nanau, ENA Nanau, TWC Suao, etc.

JMA 16 11:34:38.3±0.2, 24°99'N-123°59'E, h22km, M2.1, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IRIG Iriomote-Funau, JIRF Ishigakimahi, etc.

BUI 16 12:04:51.6±0.0, 32°42'N-117°13'E, h6km, ML3.6/15, 1C, Southeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NJ2 Nanjing, NJ2 Nanjing, WHN WHN, etc.

IDC 16 12:11:24.0±1.7, 39°94'S-177°08'E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/21, mbtrmp3.7/3, ML3.4/1, MS3.4/1, Ms1 3.4/1, ms1mx2.9/19, Error ellipse: s-maj=40.2km s-min=27.1km az=101.0

WEL 16 12:11:30.3±0.2, 40°52'S-17°7'E, h32km, 2km, M3.9/22, ML4.2/22, MLv3.9/22

ISC 16 12:11:29.6±0.9, 39°86'S-0°03'177°03'E-0°04, h48km, 6km, n144, s13/13, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAHZ Kahuranaki, KAHZ Kahuranaki, CKHZ Cape Kidnapper, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRHZ Porangahau, KRHZ Kereru, ARHZ Arahi, etc.

WEL 16 12:11:30.3±0.2, 40°52'S-17°7'E, h32km, 2km, M3.9/22, ML4.2/22, MLv3.9/22

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHHZ Waihua, BKZ Black Stump Fm, BHZ Black Hill Sta, etc.

URZ Urewera, 46nm, 0.3s, baz=244, slow=9.3, SNR=21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, KUTZ Kaitiaki, HSRZ Hossack Road, etc.

WEL 16 12:11:30.3±0.2, 40°52'S-17°7'E, h32km, 2km, M3.9/22, ML4.2/22, MLv3.9/22

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NJ2 Nanjing, WHN WHN, WHN WHN, etc.

ISC 16 12:11:29.6±0.9, 39°86'S-0°03'177°03'E-0°04, h48km, 6km, n144, s13/13, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAHZ Kahuranaki, KAHZ Kahuranaki, CKHZ Cape Kidnapper, etc.

TORD PKPab PKPab 12 31 35.6 +1.9
0.7nm,0.7s,baz=146,slow=8.2,SNR=5.4

NEIC 16 12:26:07.6:0.9,19.92S:0.08:178.7W:0.3,h55km,12km,
mb4.1/9,Error ellipse: s-maj=34.8km s-min=11.1km
az=96.0

IDC 16 12:26:11.6:23.0,19.58S:178.89W,h610km,22dkm,
mb3.0/3,nb1.3,3.3,mb1mx2.8/3,mbtmp4.0/3,Error
ellipse: s-maj=295.4km s-min=49.5km az=132.0

ISC 16 12:26:05.7:2.0,20.0S:0.2:178.5W:0.2,h550km,n18,
r121/19,mb3.9/7,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like MSFV Nonsavu, TUWZ Tuamotu, WAKE Wake Island, WRO Warramunga Arr, etc.

KRSC 16 12:28:39.5:2.0,49.90N:157.77E,h41km,26km,ML4.0,
East of Kuril Islands

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

NIED 16 13:17:00.41:70N:144.30E,h20km,Mw4.0 Best double
couple: M9.54000:1014 NP1.0=15.00000:872.00000
1.52.00000 NP2.0=263.00000:841.00000:1.152.00000

IDC 16 13:17:12.5:1.1,41.67N:144.41E,h0km,mb3.9/11,
mb1.4/0.16,mb1mx3.8/3,mbtmp3.8/16,ML2.9/4,MS3.0/4,
Ms1.3/0.4,ms1mx2.7/36,Error ellipse: s-maj=24.8km
s-min=18.5km az=125.0

JMA 16 13:17:16.9:0.2,41.72N:144.28E,h26km,3km,M3.9
NEIC 16 13:17:17.2:1.1,41.66N:0.07:144.3E:0.1,h31km,5km,
mb4.3/19,Error ellipse: s-maj=12.0km s-min=10.3km
az=96.0

ISC 16 13:17:13.8:1.7,41.71N:0.06:144.37E:0.05,h8km,10km,
n64,c0883/59,mb4.1/20,Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like ERM Erimo, JEM Ermo, JTHR Tokachihiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 29.96 134, H11S2 WAKE ISLAND Hy 29.98 134, HKPS Hong Kong Po S, etc.

GCG 16 13:20:58.8:0.3,16.17N:92.20W,h142km,MD4.2
MEX 16 13:21:02.1:0.4,14.03N:93.15W,h5km,10km,MD4.0
NEIC 16 13:21:05.7:2.1,14.08N:0.08:92.89W:0.07,h44km,5km,
mb4.4/78,MD4.0/6(MEX),Error ellipse: s-maj=12.5km
s-min=8.8km az=217.0

IDC 16 13:21:06.2:3.2,14.19N:92.77W,h39km,26km,MS3.7/12,
mb1.3/9/16,mb1mx3.8/37,mbtmp3.9/16,ML3.7/4,MS3.5/6,
Ms1.3/5.6,ms1mx3.1/26,Error ellipse: s-maj=35.6km
s-min=15.0km az=61.0

ISC 16 13:21:04.0:2.3,14.06N:0.06:92.96W:0.05,h32km,16km,
n164,c1978/173,mb4.4/44,MS3.7/4,Near coast of
Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like YKA Yellowknife Ar, WRA Warramunga Arr, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like GOGA Godfrey, WLOC Florencia, RUSC Rusc, W35A Tecumseh, etc.

16d 13h

Table with columns: PDAR, REDW, NVAR, NVAR, TPWAW, TPWAW, MDND, AGMN, AGMN, LONO, LAO, LAO, MCMT, E55A, PTGA, PTGA, WVOR, WVOR, ULM, ULM, ULM, J08A, J08A, EGMT, EGMT, F10A, F10A, LPAZ, LPAZ, FFC, FFC, SCHQ, SCHQ, SCHQ, YKA, BCAR, INK, IL31, ILAR, ILAR, ILAR, BMAR, NOA, NOA, NOA, NRK, NRK, NJ2, KSH, KSH, KSH, KSH, LZH, LZH, CMAR, CMAR, CMAR

TAP 16 13:25:29.2, 24.81N, 121.77E, h8km, ML2.0, C, Taiwan

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

JMA 16 13:25:50.3, 0.1, 24.34N, 123.60E, h14km, 1km, M1.3, Southwestern Ryukyu Islands

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

TAP 16 13:26:47.6, 24.67N, 121.71E, h16km, 1km, ML1.6, 2C, A, Taiwan

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

2014 MAR

Table with columns: NWLT, ENA, ENA, YHNB, YHNB, NSK, NSK, TIPB, TIPB, NNS, NNS, NNSB, NNSB, NNSH, NNSH, NACB, NACB

NEIC 16 13:26:46.4, 1.5, 21.60N, 143.143E, 0.1, h291km, 6km, mb4.5/59, Error ellipse: s-maj=16.4km s-min=12.1km az=84.0

IDC 16 13:26:46.9, 1.6, 21.65N, 143.08E, h292km, 15km, mb3.4/19, mb1 3.6/23, mb1mx3.5/43, mbtmp4.1/23, Error ellipse: s-maj=15.5km s-min=9.8km az=85.0

ISC 16 13:26:48.0, 4.5, 21.58N, 143.04E, 0.09, h311km, n97, r101/106, mb4.4/42, Mariana Islands region

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

BILL Bilibino 48.57 11 P P 13 35 01.4 +0.7

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

BPWV Bear Paw Mtn. 60.25 28 P P 13 36 25.1 +0.9

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

820

Table with columns: PAX, BRVK, RIDG, RIDG, KKAR, FYU, FYU, GLB, GLB, SCRK, SCRK, VRDI, VRDI, BMAR, BCAR, EGAK, EGAK, DAWY, HTY, EPYK, EPYK, INK, INK, JIS, JIS, ABKAR, C36M, BBA, BBA, GEYT, YKA, RES, RES, ARCES, ARCES, PINA, PINA, FINES, FINES, FINES, NVAR, AKASG, PDAR, PDAR, TORO, TORO, PLCA, PLCA, LPAZ, LPAZ

JMA 16 13:27:05.0, 0.1, 24.33N, 123.58E, h13km, 1km, M0.7, Southwestern Ryukyu Islands

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

KRNET 16 13:32:30.6, 0.1, 40.40N, 72.65E, h16km, mb2.6

NNC 16 13:32:35.1, 7.1, 40.78N, 72.45E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=56.8km s-min=23.4km az=171.0

ISC 16 13:32:32.0, 1.8, 40.52N, 0.06, 72.52E, 0.04, h6km, 1.4km, n18, r150/31, 18C-SD, Kyrgyzstan

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

Table with columns: KST, 1.0nm,0.3s, Lg, Lg, 13 34 26.8

IDC 16 13:52:28.2.4.8, 4.42S, 153.78E, h105km, 31km, mb3.7/5, m-bj=48.2km s-min=25.9km az=83.0

NEIC 16 13:52:31.1.1.7, 4.5S, 0.1, 153.6E, 0.2, h123km, 13km, mb4.5/7, Error ellipse: s-maj=32.0km s-min=17.0km az=113.0

ISC 16 13:52:28.7.1.0, 4.50S, 0.10, 153.7E, 0.1, h100km, n19, e=1503/20, mb4.1/9, New Ireland region

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

NEIC 16 14:03:25.6.2.2, 30.6N, 0.1, 140.2E, 0.1, h5km, 4km, mb4.7/17, Error ellipse: s-maj=15.8km s-min=13.7km az=130.0

IDC 16 14:03:25.1.0.6, 30.54N, 140.17E, h0km, mb3.7/12, mb1 3.9/14, mb1mx3.8/36, mbtmp3.7/14, ML3.0/2, MS3.4/1, Ms1 3.4/1, ms1mx2.5/45, Error ellipse: s-maj=20.6km s-min=19.2km az=102.0

ISC 16 14:03:30.3.0.5, 30.62N, 0.08, 140.15E, 0.09, h35km, n52, e=14747/7, mb4.0/20, Southeast of Honshu

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

Table with columns: LPAZ La Paz, 150.50, 68, PKPbc, PKIKP, 14 23 20.6 +0.2

Table with columns: PLCA Paso Flores, 153.21, 121, PKPbc, PKIKP, 14 23 26.0 +1.3

IDC 16 14:09:37.0.0.5, 30.43N, 140.17E, h0km, mb4.0/14, mb1 4.2/16, mb1mx4.0/41, mbtmp4.0/16, ML3.7/2, MS3.2/5, Ms1 3.2/5, ms1mx2.9/44, Error ellipse: s-maj=18.5km s-min=15.0km az=104.0

NEIC 16 14:09:38.5.2.4, 30.32N, 0.05, 140.4E, 0.1, h10km, 1km, mb4.8/14, Error ellipse: s-maj=15.3km s-min=8.0km az=256.0

ISC 16 14:09:42.0.4.0, 30.35N, 0.05, 140.34E, 0.08, h35km, n66, e=12362/22, mb4.2/22, Southeast of Honshu

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

Table with columns: NNS Nan Shan, 0.07, 51, iP, Pg, 14 18 11.3 -0.1

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

JMA 16 14:18:35.7.0.2, 37.23N, 144.34E, h32km, M3.7, Off east coast of Honshu

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

UCR 16 14:19:33.1.0.9, 9.94N, 85.65W, h16km, 7km, MD3.6, MW3.4, Off coast of Costa Rica

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

IDC 16 14:19:33.1.1.7, 6.98S, 120.95E, h434km, 18km, mb2.8/5, mb1 2.8/5, mb1mx2.6/37, mbtmp3.5/5, Error ellipse: s-maj=192.4km s-min=16.1km az=56.0, Flores Sea

Table with columns for station name, frequency, time, and other details. Includes stations like KARATAY ARRAY, KASHI, NAICHIK, etc.

Table with columns for station name, frequency, time, and other details. Includes stations like KIILIMA MBOGO, FITZY CROSSI, etc.

Table with columns for station name, frequency, time, and other details. Includes stations like JAJAG, BANUYUWA, etc.

IDC 16 14:36:49.1±1.4, 1'23N:127'53E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.4/38, mbtmap3.6/5, ML3.2/1, Error ellipse: s-maj=103.4km s-min=18.6km az=68.0, Halimahera

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

Table with columns for call sign, name, frequency, power, and other details. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, ENH Enshi, WHN Wuhan, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like KMBO comp=Z,0.6nm,0.5s, MA2 Magadan, ARU Arti, AKH Akhalakali, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like P46A Rosedale, K54A Basiliko Farm, K55A Perry, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like Ogdensburg, Sharon Grove, Whipple, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like Estanleto, Coltrane Farms, Kings Mountain, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like Malin Array Be, Mina Array Be, Yellowknife Ar, etc.

comp=E.34nm,0.6s BRVK Borovoye 20.73 50 i P P 16 27 06.8 +0.4

IDC 16 16:30:39.2,0.7,53.75N,35.30W,h0km,mb3.6/13, mb1.3/8.15,mb1mx3.6/51,mbtmp3.6/15,ML2.6/2,MS3.0/2, Ms1.3/0.2,ms1mx2.7/33,Error ellipse: s-maj=27.2km s-min=13.6km az=79.0

NEIC 16 16:30:40.6,1.6,53.70N,2.35W,0.2,h12km,4km, mb4.6/10,Error ellipse: s-maj=22.8km s-min=15.1km az=196.0

ISC 16 16:30:41.4,0.6,53.77N,0.1,35.38W,0.09,h16km,n29, c074/26,mb3.9/16,Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, SCHQ Schefferville, FRB Froisher Bay, PKME Peaks-Kenny Pk, PESTR Estremoz, etc.

IDC 16 16:42:39.9,1.2,2.81S,129.54E,h0km,mb3.9/4, mb1.4/1.8,mb1mx3.7/45,mbtmp4.0/8,ML3.8/4,MS3.4/2, Ms1.3/4.2,ms1mx2.7/39,Error ellipse: s-maj=26.9km s-min=19.5km az=90.0

DJA 16 16:42:43.5,0.3,1.52S,129.9E,h14km,5km,ML4.0/11, mb4.2/1,MLV3.9/11

NEIC 16 16:42:44.9,1.6,2.89S,0.09,129.56E,0.07,h45km,10km, mb4.2/11,Error ellipse: s-maj=13.0km s-min=9.3km az=193.0

ISC 16 16:42:40.8,1.4,2.76S,10.04,129.74E,0.05,h18km,10km, n36,c1972/40,mb4.1/5,Seram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSAI Masohi, BNDI Bandanaira, AAI Ambon, etc.

NEIC 16 16:53:18.9,1.7,61.35S,0.1,156.8E,0.6,h15km,3km,

mb4.6/9, Error ellipse: s-maj=39.5km s-min=18.9km az=79.0

IDC 16 16:53:18.6,2.4,61.32S,155.80E,h0km,mb3.9/4, mb1.4/1.5,mb1mx3.9/21,mbtmp4.0/5,ML4.1/1,MS4.2/14, Ms1.4/3.14,ms1mx4.2/16,Error ellipse: s-maj=154.7km s-min=30.0km az=73.0

GCMT 16 16:53:24.9,0.2,61.39S,0.0,1.154,12E,0.03,h12km, MW5.0/98, Moment Tensor Solution. s45,c59; s98,c160; Duration: 0 Moment tensor: Scale 1018Nm; Mr=0.14s,11; Mw=3.21;08; Mw=3.07;11; Mw=1.01;25; Mw=2.92;09; Mw=1.55;30; Best double couple: M4.6630/0.077; NP1=245.00000; NP2=0.00000; NP3=1.1780000; NP2: 0.337,00000; 888,00000; 123,00000; Principal axes: T 4.8280,Plg170.00000; Azm204.00000; N -0.3240; Plg67.00000; Azm341.00000; P -4.4980,Plg15.00000; Azm109.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 16:53:18.2,0.9,61.33S,0.1,156.9E,0.3,h10km,n38, c078/17,mb4.27,MS4.2/15,Balleny Islands region

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

INET 16 16:57:47.3,12.73N,88.13W,h71km,ML3.3 SNET 16 16:57:48.2,1.1,12.73N,88.26W,h15km,999km,ML3.5 UCR 16 16:57:48.1,1.0,12.71N,88.26W,h13km,999km,ML3.6, 2C-8D,Of.coast of central America

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

IDC 16 17:13:03.4,1.8,11.33N,86.70W,h0km,mb3.5/4, mb1.3/9.6,mb1mx3.6/47,mbtmp3.7/6,ML3.7/2,MS3.7/4, Ms1.3/8.4,ms1mx3.0/37,Error ellipse: s-maj=60.7km s-min=13.3km az=37.0

UCR 16 17:13:07.5,1.4,11.22N,86.91W,h32km,35km,MD4.2, MW4.1

INET 16 17:13:09.8,11.42N,86.87W,h10km,ML3.8 ISC 16 17:13:08.4,0.9,11.28N,0.08,86.82W,0.09,h35km,n30, c192/27,mb3.5/4,MS4.0/3,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MASN Masaya, NY14 Universidad de, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MATN Matagalpa, ACAL Aguas Claras, PTEN Parque Tenorio, etc.

TAP 16 17:30:10.3,24.43N,122.00E,h20km,ML2.6,B JMA 16 17:30:10.3,24.39N,122.02E,h26km,MT1.9 ISC 16 17:30:10.0,0.9,24.42N,0.02,122.03E,0.02,h17km,2,7km, n69,c0552/124,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EOS1 EOS1, TWC Suao, ENA Nanau, etc.

RSNC 16 18:58:04.0-1.2, 74:44N-73:20W, h130km, 4.4km, ML3.6, Mw3.9, 9C-5D, Fault plane solution: NP1:09.00000°, 89.00000°, 138.00000°, Northern Colombia

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

ISC 16 19:02:19.7-2.0, 43:69N-105:36W, h0km, mb1 3.6/3, mb1mx3.3/36, mbtmp3.4/3, ML3.5/3, Error ellipse: s-maj=46.5km s-min=9.0km az=150.0

NEIC 16 19:02:21.6-1.5, 43:80N/0:05-105:22W, 0:02, h0km, 2km, ML3.3/52, Error ellipse: s-maj=8.9km s-min=3.2km az=355.0

ISC 16 19:02:20.4-1.0, 43:79N/0:06-105:19W, 0:07, h0km, n61, 1921/60, Wyoming

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Wyoming.

Table with columns: RLMT, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in the Red Lode region.

ISC 16 19:10:02.5-1.2, 6:08S-127:83E, h398km, 15km, mb3.5/9, mb1 3.6/14, mb1mx3.4/31, mbtmp4.3/14, Error ellipse: s-maj=15.2km s-min=8.5km az=80.0

DJA 16 19:10:02.6-0.4, 6:53S, 127:8E, h388km, 4km, M4.2/12, mb4.8/4, mb4.2/7, MLV4.2/12, Mw(mB)4.1/4

ISC 16 19:10:02.2-0.5, 6:10S/0:05-127:65E, 0:05, h400km, n38, 6209/55, mb3.7/8, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in the Banda Sea region.

Table with columns: STKA, CMAP, KSR5, MJAR, ODAN, TAPN, RAMN, GUN, GUM, PKI, PKIN, KKN, DMAN, GKN, PETK, MKAR, ZALV. Lists seismic stations in the Stephens Creek area.

DJA 16 19:16:57.6-0.7, 2:5N, 127:7E, h114km, 6km, M4.2/7, mb5.4/3, mb4.2/4, MLV4.1/7, MLV4.2/3, Mw(mB)4.9/3

ISC 16 19:16:59.2-1.2, 1:72N/0:09-127:06E, 0:08, h103km, n14, 628/20, mb3.6/4, Halmahera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in the Halmahera region.

ISK 16 19:17:31.6, 6:35:85N-27:22E, h8km, ML2.9/11, ATH 16 19:17:31.4, 6:35:84N-27:17E, h28km, 2km, ML2.6/1, Error ellipse: s-maj=4.1km s-min=1.2km az=133.0

THE 16 19:17:32.5, 35:85N-27:22E, h2km, 1km, ML2.6/4, Error ellipse: s-maj=1.5km s-min=0.4km az=101.0

DDA 16 19:17:32.4, 35:85N-27:39E, h8km, 1km, ML2.2

ISC 16 19:17:32.3-0.9, 35:86N/0:03-27:26E, 0:03, h14km, 8km, n40, 1937/62, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in the Dodecanese Islands region.

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

ATH 16:19:02.6, 38°13'N, 20°38'E, h10km, ML2.4/9, Error ellipse: s-maj=2.0km s-min=1.0km az=53.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHV1, KEF3, LXR1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG1, ARG2, AGT1, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VSK1, YSK1, KFL, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RWY1, RWY2, RWY3, etc.

Q20A White River Ci 4.12 214 IAML Pn 19 28 32.4 +2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Q20A, Q20A, Q20A, etc.

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

SNET Serv Nac Est T 1.86 309 eP Pn 20 16 23.4 +0.4

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

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

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

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

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

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

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

NCEDC 16:20:44.36±1.4, 36°18'N, 0°03'120.28'W, 0.04, h11km, 7km, Error ellipse: s-maj=5.4km s-min=2.9km az=51.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic events with detailed hypocenter and moment tensor information.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic events with detailed hypocenter and moment tensor information.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like TEIG, CMIG, PMSA, MOIG, BBSR, H09W1, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like HKT, VBMS, H06N1, CNCC, X54A, W57A, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like TKL, 435B, U56A, SWET, V52A, etc.

T52A	S	S	21 34 18.5	-2.7	S49A	S	S	21 34 34.8	-1.0	P53A	S	S	21 34 46.5	-1.1				
U49A	baz=166 Red Boiling Sp comp=Z,59um,19.0s	IAMS_20	IAMS_20	21 54 51.9	R52A	baz=Catlettsburg baz=167,SNR=36	P	P	21 26 28.8	-0.4	O58A	baz=168 Lewisberry baz=173,SNR=66	60.01 354	P	P	21 26 36.9	+1.1	
T51A	S	S	21 34 19.5	-2.4	R52A	baz=167	S	S	21 34 37.4	+1.5	O58A	baz=173	60.08 356	P	P	21 26 37.1	+0.8	
R58B	baz=165 Mineral comp=Z,39um,18.0s	IAMS_20	IAMS_20	21 55 18.5	W39A	Magazine comp=Z,401nm,1.0s	IAmb	IAmb	21 26 33.3		O60A	Telford baz=175,SNR=48	60.11 347	P	P	21 26 35.9	-0.6	
R58B	baz=172,SNR=115	P	P	21 26 22.7	+1.0	W39A	Magazine baz=155,SNR=238	S	S	21 34 36.2	-0.1	O60A	baz=175	60.08 338	IAmb	IAmb	21 26 39.1	
R58B	baz=172	S	S	21 34 23.5	+1.5	HENM	Henderson Moun comp=Z,37nm,1.1s	IAmb	IAmb	21 26 34.7		PAGS	comp=Z,418nm,1.1s Pennsylvania G comp=Z,222nm,1.0s	60.09 355	IAmb	IAmb	21 26 38.6	
WVT	Waverly comp=Z,503nm,1.2s	P	P	21 26 21.4	-1.1	Q57A	Strasburg baz=172,SNR=145	P	P	21 26 30.7	+1.2	PAGS	comp=Z,49um,22.0s Aurora baz=165,SNR=71	60.11 347	P	P	21 26 35.9	-0.6
WVT	comp=Z,33um,21.0s	MLR	MLR			Q57A	baz=172	S	S	21 34 40.0	+3.4	Q49A	baz=165,SNR=71	S	S	21 34 46.0	-3.8	
WVT	Waverly comp=Z,503nm,1.1s	P	P	21 26 21.4	-1.1	FCAR	Ozark Folk Cen comp=Z,246nm,1.2s	IAmb	IAmb	21 26 31.3		Q49A	baz=165	60.13 355	P	P	21 26 37.7	+1.0
WVT	Waverly baz=161	IAmb	IAmb	21 26 22.8		ABTX	Abilene, Hawle baz=148,SNR=110	P	P	21 26 30.4	+0.2	O59A	Robesonia baz=174,SNR=60	60.13 355	P	P	21 26 37.0	+0.6
WVT	baz=161	S	S	21 34 19.1	-4.3	ABTX	baz=148	S	S	21 34 35.8	-2.1	O59A	baz=174	60.16 354	P	P	21 26 38.1	+1.2
X40A	Basin Creek Fa baz=155,SNR=18	P	P	21 26 22.2	-0.3	R51A	Hillsboro baz=166,SNR=100	P	P	21 26 29.8	-0.3	O57A	Amberson baz=172,SNR=175	60.16 354	P	P	21 26 38.1	+1.2
X40A	baz=155	S	S	21 26 21.4	-1.1	R51A	baz=166	S	S	21 34 35.8	-2.1	O57A	baz=172	60.20 350	P	P	21 26 36.9	-0.3
R61A	Willards baz=175,SNR=10.0	P	P	21 26 23.8	+1.1	Q56A	Snyder Ridge, comp=Z,54um,20.0s	IAMS_20	IAMS_20	21 53 28.7		P52A	Corning baz=168,SNR=64	60.21 349	IAmb	IAmb	21 26 44.8	
R61A	baz=175	S	S	21 34 24.9	+1.1	Q56A	Snyder Ridge, baz=171,SNR=167	P	P	21 26 31.5	+1.3	P51A	Williamsport comp=Z,252nm,1.0s	60.21 349	IAmb	IAmb	21 53 15.8	
R59A	King George, V baz=173,SNR=40	P	P	21 26 23.6	+0.9	Q56A	baz=171	S	S	21 34 39.3	+1.4	P51A	Williamsport baz=167,SNR=64	60.21 349	P	P	21 26 36.8	-0.5
R59A	baz=173	S	S	21 34 27.2	+3.2	Q55A	Buckhannon baz=170,SNR=82	P	P	21 26 32.0	+1.2	P51A	Williamsport comp=Z,42um,20.0s	60.21 349	IAMS_20	IAMS_20	21 53 15.8	
S55A	Lewisburg baz=169,SNR=119	P	P	21 26 23.7	+0.9	Q55A	baz=170	S	S	21 34 40.5	+1.5	P51A	Williamsport baz=167,SNR=64	60.21 349	P	P	21 26 36.8	-0.5
S55A	baz=169	S	S	21 34 24.3	+0.1	SDMM	Soldier's Deli comp=Z,185nm,1.1s	IAmb	IAmb	21 26 33.0		P51A	Williamsport comp=Z,252nm,1.0s	60.21 349	IAMS_20	IAMS_20	21 53 15.8	
R60A	Leonardtown, M baz=173,SNR=16	P	P	21 26 23.9	+1.0	R50A	Paris comp=Z,358nm,1.1s	IAMS_20	IAMS_20	21 56 07.5		P51A	Williamsport comp=Z,252nm,1.0s	60.21 349	IAMS_20	IAMS_20	21 53 15.8	
R60A	baz=173	S	S	21 34 25.9	+1.7	R50A	comp=Z,57um,18.0s	P	P	21 26 30.6	-0.4	P51A	Williamsport comp=Z,252nm,1.0s	60.21 349	IAMS_20	IAMS_20	21 53 15.8	
CBN	Corbin Frederi comp=Z,469nm,1.1s	IAmb	IAmb	21 26 25.2		R50A	Paris baz=165,SNR=85	P	P	21 26 30.6	-0.4	P51A	Williamsport comp=Z,252nm,1.0s	60.21 349	IAMS_20	IAMS_20	21 53 15.8	
CBN	Corbin Frederi baz=173,SNR=23	P	P	21 26 23.8	+0.8	Q53A	baz=165	S	S	21 34 36.1	-3.3	O56A	Blue Knob Stat baz=171,SNR=227	60.32 353	P	P	21 26 39.3	+1.2
CBN	baz=173	S	S	21 34 25.7	+1.3	Q53A	baz=168,SNR=79	P	P	21 26 31.5	+0.2	O56A	baz=171	60.35 352	P	P	21 26 34.0	+1.4
UALR	University of comp=Z,493nm,1.1s	IAmb	IAmb	21 26 25.8		Q53A	baz=168	S	S	21 34 39.1	-0.9	O55A	Ligonier baz=171,SNR=206	60.35 352	P	P	21 26 39.2	+0.9
T50A	Nancy baz=164,SNR=101	P	P	21 26 22.8	-0.5	Q54A	Coxs Mills comp=Z,233nm,0.8s	IAMS_20	IAMS_20	21 53 48.3		O55A	baz=171	60.38 338	IAmb	IAmb	21 26 41.0	
T50A	baz=164	S	S	21 34 22.1	-3.0	Q54A	comp=Z,47um,21.0s	P	P	21 26 31.5	+0.1	U38A	Gravette comp=Z,200nm,1.1s	60.38 338	IAmb	IAmb	21 26 41.0	
S54A	Dingess, Beckl comp=Z,533nm,1.1s	IAMS_20	IAMS_20	21 53 37.5		Q54A	Coxs Mills baz=169,SNR=84	S	S	21 34 40.0	-0.2	BRNJ	Basking Ridge comp=Z,388nm,1.0s	60.39 357	IAmb	IAmb	21 26 41.2	
S54A	comp=Z,55um,20.0s	P	P	21 26 24.1	+0.2	P61A	Hammonton comp=Z,239nm,0.8s	IAMS_20	IAMS_20	21 56 40.3		BRNJ	comp=Z,51um,19.0s	60.42 337	P	P	21 26 38.8	0.0
S54A	baz=168,SNR=112	S	S	21 34 25.4	-0.8	P61A	Hammonton baz=176,SNR=14	P	P	21 26 32.4	+0.8	TUL1	Leonard baz=153,SNR=172	60.42 337	P	P	21 26 38.8	0.0
S53A	Williamson baz=167,SNR=77	P	P	21 26 23.9	-0.2	P58A	Pank, Wackers baz=173,SNR=71	P	P	21 26 32.7	+1.0	TUL1	baz=153	60.44 357	P	P	21 26 39.6	+0.8
S53A	baz=167	S	S	21 34 24.9	-1.6	P58A	baz=173	S	S	21 34 42.6	+1.8	N61A	South Mountain baz=176,SNR=55	60.44 357	P	P	21 26 39.6	+0.8
R58A	Rapidan baz=172,SNR=61	P	P	21 26 25.8	+0.9	P59A	Jarrettsville baz=174,SNR=108	P	P	21 26 33.0	+1.0	N61A	baz=176	60.46 357	IAmb	IAmb	21 26 51.5	
R58A	baz=172	S	S	21 34 28.5	+2.0	P59A	baz=174	S	S	21 34 42.5	+1.1	CPNY	Central Park comp=Z,265nm,1.1s	60.46 357	IAmb	IAmb	21 26 51.5	
HBAR	Harrisburg comp=Z,518nm,1.1s	IAmb	IAmb	21 26 30.9		P57A	Homestead Farm comp=Z,427nm,1.1s	IAMS_20	IAMS_20	21 55 41.7		O54A	Avella comp=Z,215nm,0.9s	60.47 351	IAmb	IAmb	21 26 46.7	
R57A	Stanardsville baz=171,SNR=161	P	P	21 26 25.6	+1.1	P57A	comp=Z,39um,18.0s	IAMS_20	IAMS_20	21 55 41.7		O54A	comp=Z,52um,20.0s	60.47 351	P	P	21 26 39.2	+0.2
R57A	baz=171	S	S	21 34 29.0	+1.7	P57A	Homestead Farm baz=172,SNR=126	P	P	21 26 33.7	+1.4	O54A	baz=170,SNR=25	60.47 351	S	S	21 34 55.2	+0.1
LP1G	La Paz comp=Z,35nm,0.5s,baz=115,slow=2.2,SNR=6.2	P	P	21 26 25.1	+0.1	P57A	baz=172	S	S	21 34 45.5	+3.8	P50A	Jamestown baz=166,SNR=41	60.47 348	P	P	21 26 38.6	-0.5
MIAR	Mont Ida baz=155,SNR=267	P	P	21 26 25.0	+0.2	R49A	Shelbyville comp=Z,195nm,1.1s	IAMS_20	IAMS_20	21 52 34.4		P50A	baz=166	60.58 333	P	P	21 26 39.3	-0.7
MIAR	baz=155	S	S	21 34 26.0	-1.7	R49A	Shelbyville baz=164,SNR=66	P	P	21 26 31.4	-0.8	WMOK	Wichita Mounta baz=150,SNR=31	60.58 333	P	P	21 26 34.2	-1.9
TXAR	Lajitas Array comp=Z,43nm,0.6s,baz=143,slow=8.6,SNR=230	P	P	21 26 24.8	-0.4	R49A	Shelbyville baz=164,SNR=66	P	P	21 26 31.4	-0.8	WMOK	baz=150	60.58 358	P	P	21 26 40.4	+0.6
TXAR	comp=Z,4.5nm,1.1s,baz=153,slow=8.0,SNR=2.8	S	S	21 34 27.4	-1.1	Q52A	Bidwell baz=167,SNR=36	P	P	21 26 32.6	-0.2	N62A	Caumsett State baz=177	60.58 358	P	P	21 26 40.4	+0.6
TXAR	comp=Z,18um,18.9s,baz=0.0,slow=36	LR	LR	21 51 17.7		Q52A	baz=167	S	S	21 34 41.8	-1.1	N62A	baz=177	60.58 348	P	P	21 26 38.8	-1.0
TXAR	PKPKPK P P P'df comp=Z,1.4nm,1.0s,baz=321,slow=3.4,SNR=3.8	P	P	21 56 07.8	+7.6	P60A	Greenville comp=Z,341nm,1.1s	IAMS_20	IAMS_20	21 56 23.7		P49A	Miami Univ. Ec baz=165,SNR=89	60.58 348	P	P	21 26 38.8	-1.0
TXAR	Lajitas Array baz=164,SNR=300	P	P	21 26 24.7	-0.5	P60A	comp=Z,37um,18.0s	IAMS_20	IAMS_20	21 56 23.7		P49A	baz=165	60.59 344	IAmb	IAmb	21 26 53.1	-2.8
T49A	S	S	21 34 25.6	-0.4	P60A	Greenville baz=175,SNR=48	P	P	21 26 33.5	+0.5	OLIL	comp=Z,289nm,1.1s	60.59 344	IAMS_20	IAMS_20	21 57 25.6		
T49A	baz=164	S	S	21 34 25.0	-3.1	P60A	baz=175	S	S	21 34 44.2	+1.1	N60A	Cedar Hill Far baz=175,SNR=59	60.61 356	P	P	21 26 40.6	+0.6
S52A	Salversville baz=166,SNR=39	P	P	21 26 24.9	-0.4	P60A	Dayton Farm, R baz=171,SNR=80	P	P	21 26 34.5	+1.4	N60A	baz=175	60.61 356	S	S	21 34 57.9	+1.8
S52A	baz=166	S	S	21 34 26.7	-1.9	P56A	Wyandotte Cave comp=Z,425nm,1.2s	S	S	21 34 44.6	+1.4	N63A	Mattituck baz=178	60.61 358	P	P	21 26 41.0	+1.1
W41B	Gary Mavity, V comp=Z,180nm,1.0s	IAMS_20	IAMS_20	21 50 19.2		WCI	Wyandotte Cave comp=Z,425nm,1.2s	P	P	21 26 32.6	-1.0	SSPA	Standing Stone comp=Z,49um,21.0s	60.61 354	P	P	21 26 39.8	-0.2
W41B	baz=156	S	S	21 34 27.8	-1.3	WCI	comp=Z,269nm,1.1s	P	P	21 26 30.9		SSPA	Standing Stone baz=172	60.61 354	IAMS_20	IAMS_20	21 53 30.5	
S51A	Beattyville comp=Z,62um,22.0s	IAMS_20	IAMS_20	21 50 19.2		WCI	Wyandotte Cave comp=Z,425nm,1.2s	P	P	21 26 32.6	-1.0	SSPA	Standing Stone baz=172	60.61 354	P	P	21 26 41.0	+1.0
S51A	baz=166,SNR=47	P	P	21 26 25.3	-0.4	WCI	Wyandotte Cave comp=Z,424nm,1.1s	IAmb	IAmb	21 26 40.9		O52A	Adamsville comp=Z,262nm,0.9s	60.62 350	IAmb	IAmb	21 26 41.4	
R55A	Marlinton comp=Z,347nm,1.0s	IAMS_20	IAMS_20	21 50 19.2		WCI	Wyandotte Cave baz=163	P	P	21 26 32.8	-0.8	O52A	comp=Z,60um,19.0s	60.62 350	P	P	21 26 39.9	-0.2
R55A	baz=166,SNR=39	S	S	21 34 27.7	-1.8	WCI	baz=163	S	S	21 34 42.1	-2.2	O52A	baz=168,SNR=48	60.62 350	S	S	21 34 56.5	+0.1
R56A	Bull Pasture M baz=170,SNR=28	P	P	21 26 27.3	+1.1	PSUB	Penn St. - Bra comp=Z,254nm,1.0s	IAMS_20	IAMS_20	21 56 35.7		O52A	baz=168	60.62 335	IAmb	IAmb	21 26 42.9	
R56A	baz=170	S	S	21 34 33.0	+2.6	P55A	Reedsville baz=170,SNR=86	P	P	21 26 34.9	+0.9	OKCFA	Oklahoma City comp=Z,198nm,0.9s	60.62 335	IAmb			

CCM	Cathedral Cave	60.83 341	P	P	21 26 40.4 -1.1
CCM	Cathedral Cave	60.83 341	P	P	21 26 41.0 -0.5
CCM			S	S	21 34 54.9 -4.2
N55A	Marion Center	60.87 353	P	P	21 26 42.9 +1.1
N55A			S	S	21 35 00.8 +1.1
ACSO	Alum Creek Sta	60.93 349	IAMS_20	IAMS_20	21 56 42.8
ACSO	Alum Creek Sta	60.93 349	P	P	21 26 41.9 -0.3
ACSO			S	S	21 34 57.9 -2.4
N56A	West Decatur	60.93 353	P	P	21 26 43.0 +0.8
N56A			S	S	21 35 00.9 +0.5
O50A	Cable	60.96 349	P	P	21 26 41.8 -0.7
O50A			S	S	21 34 57.7 -3.0
M61A	Granite Spring	60.97 357	P	P	21 26 42.9 +0.4
M61A			S	S	21 35 01.2 +0.4
M63A	Gales Ferry	61.01 359	P	P	21 26 43.5 +0.8
M63A			S	S	21 35 02.1 +0.9
M60A	Port Jervis	61.03 357	P	P	21 26 43.5 +0.7
M60A			S	S	21 35 02.9 +1.3
M62A	Hamden	61.07 358	P	P	21 26 44.1 +1.0
M62A			S	S	21 35 02.5 +0.5
SLM	Saint Louis	61.07 343	IAMB	IAMB	21 26 44.7
O49A	Covington	61.13 348	IAMB	IAMB	21 26 44.4
O49A			IAMS_20	IAMS_20	21 56 19.2
O49A			P	P	21 26 42.9 -0.7
O49A			S	S	21 34 59.0 -3.9
N53A	Lisbon	61.14 351	IAMB	IAMB	21 26 45.4
N53A			P	P	21 26 43.8 +0.2
N53A			S	S	21 35 01.6 -1.5
M64A	Tiverton	61.15 359	P	P	21 26 44.3 +0.7
M64A			S	S	21 35 03.7 +0.7
S39A	Bolivar	61.15 340	IAMS_20	IAMS_20	21 55 45.2
M65A	Busby, Falout	61.15 360	IAMS_20	IAMS_20	21 50 44.2
M65A			P	P	21 26 44.1 +0.5
M65A			S	S	21 35 04.8 +1.7
N54A	Moraine State	61.18 352	IAMS_20	IAMS_20	21 54 50.5
N54A			P	P	21 26 44.7 +0.8
N54A			S	S	21 35 03.6 +0.1
MNTX	Cornudas Mount	61.19 326	IAMB	IAMB	21 26 47.0
MNTX			P	P	21 26 43.8 -0.3
MNTX			S	S	21 35 02.6 -1.4
M58A	Price's Panora	61.20 355	P	P	21 26 44.9 +0.9
M58A			S	S	21 35 04.4 +0.6
P46A	Rosedale	61.21 345	IAMB	IAMB	21 26 51.1
P46A			IAMS_20	IAMS_20	21 55 03.1
M57A	Sunshine Farm	61.23 354	IAMS_20	IAMS_20	21 51 46.0
M57A			P	P	21 26 45.3 +1.1
M57A			S	S	21 35 05.4 +1.3
N52A	McGinn's Farm	61.28 350	P	P	21 26 44.3 -0.3
N52A			S	S	21 35 02.5 -2.3
M59A	Waymart	61.30 356	P	P	21 26 45.4 +0.8
M59A			S	S	21 35 04.8 -0.2
O48A	Farmly	61.37 347	P	P	21 26 44.2 -0.9
O48A			S	S	21 35 01.9 -4.0
KSCT	Kent School, K	61.38 358	IAMB	IAMB	21 26 48.0
KSCT			IAMS_20	IAMS_20	21 55 06.0
L63A	North Scituate	61.46 359	P	P	21 26 46.6 +0.9
L63A			S	S	21 35 07.6 +0.6
M56A	Emporium	61.48 354	P	P	21 26 46.6 +0.7
M56A			S	S	21 35 07.9 +0.6
N50A	Nevada	61.48 349	P	P	21 26 45.4 -0.5
N50A			S	S	21 35 04.8 -2.5
N51A	Ashland	61.49 350	IAMB	IAMB	21 26 53.6
N51A			IAMS_20	IAMS_20	21 55 07.7
N51A			P	P	21 26 45.6 -0.4
N51A			S	S	21 35 04.1 -3.3
SHEL	Horse Pasture	61.52 98	P	P	21 26 45.8 -1.0
SHEL			MLR	MLR	
SHEL			P	P	21 26 45.8 -1.0
SHEL			IAMB	IAMB	21 27 05.0
M55A	Ridgway	61.53 353	IAMS_20	IAMS_20	21 57 19.8
M55A			P	P	21 26 46.5 +0.2
M55A			S	S	21 35 07.4 -0.6
L64A	Middleborough	61.53 360	P	P	21 26 46.6 +0.5
L64A			S	S	21 35 07.7 -0.1
L65A	Cape Cod Natio	61.62 0	P	P	21 26 47.9 +1.1
L62A	Suffield	61.65 358	P	P	21 26 47.7 +0.7
L62A			S	S	21 35 10.3 +0.9
L60A	Shokan	61.67 357	P	P	21 26 48.1 +0.9
L60A			S	S	21 35 10.8 +1.1
M54A	Oil Creek Stat	61.67 352	P	P	21 26 47.2 0.0
M54A			S	S	21 35 08.7 -1.1
MSTX	Muleshoe	61.72 330	P	P	21 26 47.4 -0.4
MSTX			P	P	21 26 47.6 -0.2
MSTX			S	S	21 35 09.6 -1.2
M53A	WI Miller and	61.74 351	P	P	21 26 47.7 +0.1

M53A			S	S	21 35 09.4 -1.2
P43A	Skaggs, Pawnee	61.81 344	IAMS_20	IAMS_20	21 57 34.0
N49A	Columbus Grove	61.81 348	IAMS_20	IAMS_20	21 54 06.3
N49A			P	P	21 26 47.5 -0.7
N49A			S	S	21 35 07.3 -4.2
L58A	Harry Jones Me	61.83 356	P	P	21 26 49.4 +1.2
L58A			S	S	21 35 14.0 +2.3
L61A	Hillsdale 1, H	61.84 358	P	P	21 26 49.1 +0.8
L61A			S	S	21 35 12.7 +0.9
L57A	Andrews Acres	61.86 355	P	P	21 26 49.3 +0.8
L57A			S	S	21 35 12.3 +0.2
M51A	Elyria	61.86 350	P	P	21 26 48.1 -0.4
M51A			S	S	21 35 08.6 -3.6
ALLY	Alegheny Cole	61.88 352	IAMS_20	IAMS_20	21 54 33.0
QUA2	Belchertown	61.89 359	IAMB	IAMB	21 26 50.7
QUA2			IAMS_20	IAMS_20	21 54 54.7
SFIN	Lafayette	61.91 346	IAMB	IAMB	21 26 49.4
SFIN			P	P	21 26 47.3 -1.4
SFIN			S	S	21 35 07.4 -5.3
L59A	Walton	61.92 356	IAMS_20	IAMS_20	21 57 18.3
L59A			P	P	21 26 49.8 +1.0
L59A			S	S	21 35 14.5 +1.6
N48A	Decatur	61.92 348	P	P	21 26 48.0 -0.9
N48A			S	S	21 35 10.2 -2.7
BCX	Boston College	61.93 360	IAMB	IAMB	21 26 51.0
M52A	Chesterland	61.94 351	IAMB	IAMB	21 26 57.1
M52A			P	P	21 26 48.7 -0.3
M52A			S	S	21 35 11.8 -1.3
AMTX	Amarillo	61.97 331	P	P	21 26 49.0 -0.4
AMTX			S	S	21 35 11.6 -2.3
WES	Weston	61.98 359	IAMB	IAMB	21 26 51.4
BINY	Binghamton	61.99 355	P	P	21 26 50.2 +0.8
BINY			S	S	21 35 15.4 +1.6
O44A	Mansfield	62.02 345	IAMB	IAMB	21 26 49.7
O44A			IAMS_20	IAMS_20	21 58 16.6
L56A	Greenwood	62.06 354	IAMS_20	IAMS_20	21 52 02.0
L56A			P	P	21 26 50.1 +0.3
L56A			S	S	21 35 15.2 +0.5
L61B	Northampton	62.07 358	P	P	21 26 50.2 +0.4
L61B			S	S	21 35 15.3 +0.6
M50A	Fremont	62.08 349	IAMS_20	IAMS_20	21 55 28.2
M50A			P	P	21 26 49.4 -0.5
M50A			S	S	21 35 12.7 -2.1
N47A	Urbana	62.08 347	IAMS_20	IAMS_20	21 54 23.1
N47A			P	P	21 26 48.6 -1.3
N47A			S	S	21 35 10.5 -4.4
U32A	Winter Ranch	62.08 334	IAMB	IAMB	21 26 50.9
VN3A	Neumayer Olym	62.09 161	P	P	21 26 51.3 +1.6
HRV	Adam Dzewonsk	62.10 359	P	P	21 26 49.6 -0.5
HRV			MLR	MLR	
HRV			P	P	21 26 49.5 -0.5
HRV			IAMS_20	IAMS_20	21 52 48.3
HRV			P	P	21 26 51.0 +1.0
HRV			S	S	21 35 13.3 -1.8
L53A	Girard	62.19 352	P	P	21 26 50.7 +0.1
L53A			S	S	21 35 14.5 -1.8
L55A	Hinsdale	62.20 353	P	P	21 26 51.5 +0.8
L55A			S	S	21 35 16.1 -0.3
K62A	Royalston	62.27 359	IAMB	IAMB	21 26 53.7
K62A			P	P	21 26 52.2 +1.0
K62A			S	S	21 35 18.7 +1.4
K60A	Five Rivers En	62.28 357	P	P	21 26 52.3 +1.1
K60A			S	S	21 35 19.4 +2.0
K63A	Dunstable	62.28 359	P	P	21 26 52.1 +0.9
K63A			S	S	21 35 19.5 +2.2
HSIG			IAMB	IAMB	21 26 55.4
K61A	Williamstown	62.31 358	P	P	21 26 52.5 +1.0
K61A			S	S	21 35 20.1 +2.3
M49A	Liberty Center	62.31 349	P	P	21 26 50.7 -0.8
M49A			S	S	21 35 13.9 -3.9
VN1A	Neumayer-Stat	62.31 161	P	P	21 26 53.4 +2.2
ERPA	Erie	62.31 352	IAMS_20	IAMS_20	21 54 45.6
ERPA			P	P	21 26 51.9 +0.4
ERPA			S	S	21 35 19.6 +1.7
L54A	Sinclairville	62.35 353	P	P	21 26 52.3 +0.6
L54A			S	S	21 35 16.7 -1.6
TRY	Troy	62.38 357	IAMS_20	IAMS_20	21 55 45.7
WVNY	West Valley, N	62.44 353	IAMS_20	IAMS_20	21 54 36.9
M48A	Edgerton	62.46 348	IAMB	IAMB	21 26 59.9
M48A			IAMS_20	IAMS_20	21 56 49.3
M48A			P	P	21 26 51.5 -0.9
M48A			S	S	21 35 16.0 -3.7
K59A	Cooperstown	62.49 356	P	P	21 26 53.6 +0.9
K59A			S	S	21 35 21.3 +1.2
M47A	Cromwell	62.52 347	P	P	21 26 52.1 -0.8

M47A			S	S	21 35 15.4 -5.1
K58A	Earlville	62.53 356	P	P	21 26 53.6 +0.7
K58A			S	S	21 35 21.0 +0.5
K57A	Scipio Center	62.56 355	P	P	21 26 53.6 +0.5
K57A			S	S	21 35 21.2 +0.3
K56A	Middlesex	62.60 354	P	P	21 26 53.9 +0.6
K56A			S	S	21 35 21.6 +0.2
HDIL	Hopedale	62.61 344	IAMS_20	IAMS_20	21 58 47.2
HDIL			P	P	21 26 52.4 -1.1
HDIL			S	S	21 35 19.5 -2.1
K54A	Basillko Farm	62.65 353	P	P	21 26 54.2 +0.4
K54A			S	S	21 35 21.5 -0.5
L50A	Kingsville	62.66 350	P	P	21 26 52.9 -0.9
L50A			S	S	21 35 18.4 -3.8
VN2A	Neumayer-Watz	62.68 161	P	P	21 26 55.3 +1.7
K55A	Perry	62.70 354	P	P	21 26 54.2 +0.1
K55A			S	S	21 35 22.6 0.0
J62A	Heniker	62.83 359	P	P	21 26 56.0 +1.1
J62A			S	S	21 35 25.6 +1.4
L48A	N Adams	62.85 348	P	P	21 26 54.2 -0.9
L48A			S	S	21 35 20.3 -4.3
J63A	Stratford	62.87 360	P	P	21 26 56.0 +0.9
J63A			S	S	21 35 26.0 +1.3
J60A	Lant Hill Farm	62.89 358	P	P	21 26 56.4 +1.2
J60A			S	S	21 35 28.0 +3.1
L49A	Milan	62.89 349	P	P	21 26 54.8 -0.5
L49A			S	S	21 35 20.7 -4.4
J61A	Chester	62.96 358	P	P	21 26 57.2 +1.5
J61A			S	S	21 35 28.5 +2.6
P38A	Dawn	62.97 340	IAMB	IAMB	21 27 03.0
L47A	Sherwood	63.03 348	P	P	21 26 55.5 -0.8
L47A			S	S	21 35 22.0 -4.8
ACCN	Adirondack Com	63.04 358	IAMB	IAMB	21 26 59.0
ACCN			IAMS_20	IAMS_20	21 55 45.0
AAM	Ann Arbor	63.05 349	IAMB	IAMB	21 27 09.9
AAM			IAMS_20	IAMS_20	21 53 55.1
AAM			P	P	21 26 55.8 -0.6
AAM			S	S	21 35 22.0 -5.1
K52A	Tillsenburg	63.06 352	P	P	21 26 56.4 0.0
K52A			S	S	21 35 25.1 -2.1
FFD	Franklin Falls	63.07 359	IAMB	IAMB	21 26 59.2
FFD			IAMS_20	IAMS_20	21 56 47.9
M44A	Midew	63.09 345	IAMB	IAMB	21 27 03.4
J58A	Remsen	63.10 356	IAMB	IAMB	21 27 09.1
J58A			IAMS_20	IAMS_20	21 57 53.5
J58A			P	P	21 26 57.3 +0.6

I62A	S	S	21 35 34.2 +2.0	H65A	Eastbrook	64.32	2	P	P	21 27 05.9 +1.2	I45A	Fountain	65.22	348	P	P	21 27 09.4 -1.2					
I60A	baz=179	Shoreham	63.48	358	P	P				21 25 44.7 +1.9	I45A			S	S		21 35 50.1 -3.7					
I60A	baz=177,SNR=87									21 27 05.0 0.0	N33A	baz=164	J Bar K Exete	65.29	338	IAMS_20	IAMS_20	21 58 20.8				
J52A	baz=177	Paris	63.48	352	P	P				21 27 07.4	F63A	comp=Z,36um,20.0s	Nahmakanta, Br	65.31	1	Iamb	Iamb	21 27 13.8				
J52A	baz=170,SNR=283									IAMS_20	IAMS_20	21 53 21.3	F63A	comp=Z,248nm,1.1s				21 55 29.2				
K49A	baz=170	Clarkson	63.49	349	P	P				21 27 05.9 +0.7	F63A	comp=Z,43um,20.0s	Nahmakanta, Br	65.31	1	P	P	21 27 12.3 +1.1				
K49A	baz=167,SNR=33									21 25 44.8 +1.2	F63A	baz=182,SNR=26			S	S	21 35 56.7 +1.8					
K49A	baz=167									21 27 05.9 +0.5	H48A	baz=182	Harrisville	65.33	350	Iamb	Iamb	21 27 18.8				
I64A	baz=181	Boothbay	63.52	1	P	P				21 25 44.1 +0.1	H48A	comp=Z,371nm,0.9s			IAMS_20	IAMS_20	21 56 26.4					
I64A										21 27 07.3	H48A	comp=Z,39um,19.0s	Harrisville	65.33	350	P	P	21 27 10.7 -0.6				
I61A	baz=181	Ororob, Fairl	63.54	359	P	P				21 27 04.4 -1.2	H48A	baz=167,SNR=87			S	S	21 35 52.8 -2.4					
I61A	baz=178,SNR=177									21 35 41.0 -3.3	G54A	baz=167	Lake Saint Pe	65.34	354	P	P	21 27 11.7 +0.3				
KSU1	baz=178	Kansas State U	63.54	338	IAMS_20	IAMS_20	21 59 50.0			21 27 06.6 +1.1	G54A	comp=Z,172,SNR=156			S	S	21 35 54.3 -1.1					
KSU1	comp=Z,33um,18.0s									21 35 46.1 +1.8	H47A	baz=172	Milo	65.38	349	P	P	21 27 10.9 -0.8				
KSU1	baz=153									21 27 06.3 +0.3	H47A	baz=166,SNR=38			S	S	21 35 52.5 -3.4					
K48A	baz=153	Perry	63.62	349	P	P				21 35 45.1 0.0	F59A	baz=166	Saint Guillaume	65.47	358	P	P	21 27 12.9 +0.7				
K48A	baz=166,SNR=74									21 56 27.2	F59A	baz=178,SNR=16			S	S	21 35 58.8 +1.9					
I63A	baz=166	Otisfield	63.64	0	Iamb	Iamb	21 27 02.5			21 27 06.6 +1.1	F64A	baz=178	Sherman	65.49	2	Iamb	Iamb	21 27 14.8				
I63A	comp=Z,36um,19.0s									21 27 05.3 -0.7	F64A	comp=Z,441nm,1.1s			IAMS_20	IAMS_20	21 55 03.0					
I63A	Otisfield									21 35 40.1 -5.1	F64A	comp=Z,34um,20.0s			21 27 13.4 +1.1	F64A	baz=182,SNR=55			S	S	21 35 59.9 +2.8
I63A	baz=180,SNR=34									21 58 29.0	H46A	baz=182	Fife Lake	65.50	349	P	P	21 27 11.3 -1.1				
NCB	baz=180	Newcomb	63.65	357	Iamb	Iamb	21 27 02.7			21 57 31.4	H46A	baz=165,SNR=14			S	S	21 35 53.9 -3.5					
NCB	comp=Z,226nm,0.8s									21 35 44.1 -1.8	F58A	baz=165	St-Lin Laurent	65.52	358	P	P	21 27 12.9 +0.4				
K47A	comp=Z,38um,19.0s	Vermontville	63.66	348	P	P				21 27 06.8 -0.2	F58A	baz=177			S	S	21 36 01.0 +3.6					
K47A	baz=165,SNR=29									21 27 06.8 -0.2	214A	baz=177	Organ Pipe Nat	65.52	321	Iamb	Iamb	21 27 17.1				
I57A	baz=165	Carthage	63.70	356	P	P				21 27 06.8 -0.2	214A	comp=Z,454nm,1.1s	Organ Pipe Nat	65.52	321	P	P	21 27 14.4 +1.5				
I57A	baz=175,SNR=88									21 27 07.7 +0.7	214A	baz=136	Guysborough	65.52	7	Iamb	Iamb	21 27 14.9				
L44A	baz=175	Lake County Fo	63.81	346	P	P				21 27 07.8	GBN	comp=Z,40um,20.0s			IAMS_20	IAMS_20	21 57 31.3					
L44A	baz=162,SNR=16									21 55 58.8	F61A	comp=Z,2,382nm,1.1s	St Evariste	65.56	360	P	P	21 27 13.6 +0.8				
K46A	baz=162	Dorr	63.83	348	P	P				21 27 05.8 -1.2	F61A	baz=180	Warwick	65.57	359	P	P	21 27 13.4 +0.6				
K46A	baz=164,SNR=48									21 27 08.5 +1.2	F60A	baz=179,SNR=105			S	S	21 36 00.6 +2.5					
LBNH	baz=164	Lisbon	63.84	359	P	P				21 35 50.4 +2.8	F55A	baz=179	Otter Lake	65.63	356	P	P	21 27 13.5 +0.3				
LBNH	baz=179,SNR=80									21 35 50.0 +2.4	F55A	baz=174,SNR=18			S	S	21 36 02.0 +3.1					
Y22D	baz=179	IRIS PASSCAL I	63.85	327	Iamb	Iamb	21 27 18.8			21 27 08.1 +0.9	LMN	baz=174	Caledonia Moun	65.66	4	IAMS_20	IAMS_20	21 54 39.5				
Y22D	comp=Z,272nm,1.1s									21 27 07.8 +0.9	I42A	comp=Z,64um,21.0s	Draeger Farm,	65.66	346	Iamb	Iamb	21 27 14.7				
Y22D	baz=142									21 27 08.4 +1.1	I42A	comp=Z,333nm,1.1s			IAMS_20	IAMS_20	21 57 09.0					
I53A	baz=142	Kortright Cn E	63.95	353	P	P				21 27 08.4 +1.1	GLMI	comp=Z,44um,20.0s	Grayling	65.67	349	IAMS_20	IAMS_20	21 57 57.3				
I53A	baz=171,SNR=40									21 27 08.5 +1.2	GLMI	comp=Z,59um,20.0s	Grayling	65.67	349	P	P	21 27 12.8 -0.7				
J49A	baz=171	Marlette	64.00	350	P	P				21 27 08.5 +1.2	GLMI	baz=166,SNR=34			S	S	21 35 56.4 -3.0					
J49A	baz=167,SNR=69									21 27 07.8	H45A	baz=166	Beulah	65.74	348	P	P	21 27 13.1 -0.9				
J48A	baz=167	Bridge Port	64.05	349	IAMS_20	IAMS_20	21 56 46.3			21 27 05.8 -1.2	H45A	baz=164,SNR=25			S	S	21 35 56.4 -3.9					
J48A	comp=Z,53um,19.0s									21 27 05.8 -1.2	X18A	comp=Z,190nm,1.1s	Snowflake	65.80	325	Iamb	Iamb	21 27 18.9				
J48A	baz=166,SNR=84									21 35 42.0 -5.2	X18A	comp=Z,53um,18.0s	KSCO Kaye Shedd	65.83	333	P	P	21 27 15.6 +0.7				
L42A	baz=166	Oliver, Polo	64.07	344	Iamb	Iamb	21 27 03.8			21 27 08.7 +0.7	KSCO	baz=147,SNR=162			S	S	21 36 04.3 +2.4					
L42A	comp=Z,188nm,1.0s									21 27 07.4 -0.7	F52A	baz=147,SNR=177	Sundridge	65.86	353	P	P	21 27 14.9 +0.2				
H58A	comp=Z,46um,18.0s	Gabriels	64.09	357	P	P				21 35 44.6 -4.4	F52A	baz=171,SNR=177			S	S	21 36 00.2 -1.5					
H58A	baz=176,SNR=130									21 54 28.0	G47A	baz=171	Hillman	65.88	350	P	P	21 27 14.3 -0.6				
I51A	baz=176	Listowel	64.11	352	P	P				21 27 09.4 +1.5	G47A	baz=166			S	S	21 35 58.3 -3.6					
I51A	baz=169,SNR=159									21 27 08.1 +0.9	ALGO	comp=Z,59um,20.0s	Algonquin Park	65.89	354	P	P	21 27 15.1 +0.2				
I55A	baz=169	Frankford	64.13	354	P	P				21 27 09.4 +1.5	ALGO	baz=172	Windswept, Lux	65.95	347	Iamb	Iamb	21 27 16.8				
I55A	baz=173,SNR=140									21 27 08.4 +1.1	H43A	comp=Z,264nm,0.8s			IAMS_20	IAMS_20	21 56 39.7					
H61A	baz=173	Lyndonville	64.14	359	P	P				21 27 08.8 +0.9	E60A	comp=Z,55um,20.0s	St-Gathe de	65.96	359	P	P	21 27 16.0 +0.7				
H61A	baz=179,SNR=101									21 27 07.4 -0.7	E60A	baz=179,SNR=99			S	S	21 36 06.7 +3.8					
WVL	baz=179	Waterville	64.16	1	IAMS_20	IAMS_20	21 52 21.9			21 27 09.4 +1.2	E58A	baz=179	La Victoria	66.01	358	P	P	21 27 16.4 +0.8				
H62A	comp=Z,45um,22.0s									21 27 09.4 +1.2	E58A	baz=177,SNR=80			S	S	21 36 06.6 +3.2					
H62A	comp=Z,247nm,0.9s									21 54 21.2	E61A	baz=177	Lac Etchemin	66.02	0	P	P	21 27 17.1 +1.3				
H62A	comp=Z,47um,19.0s									21 54 21.2	E61A	baz=180,SNR=66			S	S	21 36 06.7 +3.0					
H62A	baz=179,SNR=24									21 27 09.4 +1.2	E63A	baz=180	Oxbow	66.04	2	Iamb	Iamb	21 27 18.9				
J47A	baz=179	Summer	64.17	349	IAMS_20	IAMS_20	21 56 45.7			21 27 09.4 +1.2	E63A	comp=Z,350nm,1.1s			IAMS_20	IAMS_20	21 55 09.7					
J47A	comp=Z,38um,20.0s									21 27 09.4 +1.2	E63A	comp=Z,38um,20.0s	Oxbow	66.04	2	P	P	21 27 17.0 +1.1				
J47A	baz=165,SNR=74									21 35 51.3 +2.1	E63A	baz=182,SNR=47			S	S	21 36 06.4 +2.6					
H60A	baz=165	Morristown	64.18	358	P	P				21 27 09.3 +1.0	E64A	baz=182	Bridgewater	66.06	2	P	P	21 27 16.9 +1.0				
H60A	baz=178,SNR=34									21 27 09.3 +1.0	E64A	baz=183			S	S	21 36 06.5 +2.5					
H57A	baz=178	Richville	64.20	356	P	P				21 27 09.3 +1.0	F51A	baz=183	Arnstein	66.06	353	P	P	21 27 15.8 -0.2				
H57A	baz=175,SNR=176									21 27 08.7 +0.7	F51A	baz=170,SNR=100			S	S	21 36 01.9 -2.2					
H64A	baz=175	Troy	64.24	1	P	P				21 27 09.4 +1.2	G45A	baz=170	Suttons Bay	66.07	348	Iamb	Iamb	21 27 30.8				
H64A	baz=182,SNR=35									21 27 09.4 +1.2	G45A	comp=Z,260nm,0.9s			IAMS_20	IAMS_20	21 58 02.0					
H63A	baz=182	New Sharon	64.25	0	P	P				21 27 09.4 +1.2	G45A	comp=Z,50um,19.0s			21 27 15.3 -0.8	G45A	baz=165,SNR=42			S	S	21 36 02.2 -2.1
H63A	baz=181,SNR=89									21 27 09.4 +1.2	SDCO	baz=165	Great Sand Dun	66.07	330	Iamb	Iamb	21 27 19.8				
I52A	baz=181	Shelburne	64.26	352	P	P																

W18A	Petrified Fore	66.13 326	I Amb	I Amb	21 27 21.0
W18A	comp=Z,141nm,1.0s		I AMs_20	I AMs_20	21 56 37.5
W18A	comp=Z,32um,18.0s		P	P	21 27 18.2 +1.2
W18A	Petrified Fore	66.13 326	S	S	21 26 09.0 +3.2
W18A	baz=140		S	S	21 27 16.0 -0.7
F49A	Sandfield	66.17 351	P	P	21 26 01.6 -3.9
F49A	baz=168,SNR=83		S	S	21 27 17.7 +0.4
G46A	Petoskey	66.19 349	P	P	21 27 16.2 -0.7
G46A	baz=165,SNR=41		S	S	21 27 17.4 +0.4
E55A	Montcerf-Lytto	66.23 356	P	P	21 26 07.8 +1.8
E55A	baz=174,SNR=32		S	S	21 27 17.7 +0.4
E56A	St. Veronique	66.25 357	P	P	21 26 09.2 +2.7
E56A	baz=176,SNR=105		S	S	21 27 17.3 -0.1
E52A	Mattawa	66.28 354	P	P	21 27 17.3 -0.1
E52A	baz=172,SNR=94		S	S	21 26 08.5 +1.8
E53A	Dumoine, Ponti	66.28 355	P	P	21 27 17.7 +0.4
E53A	baz=173,SNR=64		S	S	21 26 08.9 +2.2
E54A	Lac Daplat, Po	66.29 355	P	P	21 27 17.6 +0.2
E54A	baz=173,SNR=106		S	S	21 26 09.1 +2.3
PQI	Presque Isle	66.30 2	I Amb	I Amb	21 27 20.0
PQI	comp=Z,364nm,1.1s		I AMs_20	I AMs_20	21 54 54.6
F48A	Evansville	66.32 351	P	P	21 27 17.1 -0.6
F48A	baz=168,SNR=100		S	S	21 26 03.9 -3.3
D60A	Saint Jean D'O	66.50 360	P	P	21 27 19.8 +1.0
D60A	baz=180,SNR=41		S	S	21 26 14.4 +5.0
X16A	Lo Mia Camp, P	66.53 324	I Amb	I Amb	21 27 25.1
X16A	comp=Z,324nm,1.1s				
D59A	Saint-Raymond	66.61 359	P	P	21 27 20.3 +0.8
D59A	baz=179		S	S	21 26 12.6 +1.9
E51A	G1948 Merrick	66.61 353	P	P	21 27 19.6 +0.1
E51A	baz=171,SNR=91		S	S	21 26 09.2 -1.5
F45A	CMU Biological	66.67 349	P	P	21 27 19.1 -0.8
F45A	baz=165,SNR=98		S	S	21 26 07.1 -4.3
D63A	Stockholm	66.67 2	P	P	21 27 20.9 +1.1
D63A	baz=183,SNR=52		S	S	21 26 14.0 +2.6
D57A	Chemin Vers le	66.67 358	P	P	21 27 20.8 +0.9
D57A	baz=177,SNR=112		S	S	21 26 12.6 +1.1
D62A	Allapoint, All	66.69 1	I AMs_20	I AMs_20	21 55 29.9
D62A	comp=Z,37um,20.0s		P	P	21 27 12.0 +1.1
D62A	Allapoint, All	66.69 1	S	S	21 26 21.3 +0.7
S22A	4UR Ranch, Cre	66.70 329	P	P	21 27 21.6 +0.9
S22A	baz=143,SNR=80		S	S	21 26 14.0 +1.2
D58A	Chemin du LacG	66.72 358	P	P	21 27 21.2 +1.0
D58A	baz=178,SNR=158		S	S	21 26 12.8 +0.7
D56A	ZEC Mazanza, M	66.74 357	P	P	21 27 20.8 +0.5
D56A	baz=176,SNR=62		S	S	21 26 12.9 +0.5
D55A	Sainte-Anne-du	66.75 356	P	P	21 27 20.8 +0.4
D55A	baz=175,SNR=118		S	S	21 26 13.0 +0.5
D61A	St Aubert, Com	66.79 0	P	P	21 27 21.9 +1.2
D61A	baz=180,SNR=20		S	S	21 26 15.2 +2.3
E48A	Lockeey	66.89 351	P	P	21 27 21.1 -0.2
E48A	baz=168,SNR=69		S	S	21 26 11.0 -3.2
D54A	Lac Fusel, La	66.97 356	P	P	21 27 21.7 -0.1
D54A	baz=174,SNR=86		S	S	21 26 14.6 -0.5
D53A	Lac Vacive, Po	66.98 355	I Amb	I Amb	21 27 30.4
D53A	comp=Z,260nm,1.1s		P	P	21 27 22.2 +0.3
D53A	Lac Vacive, Po	66.98 355	S	S	21 26 14.4 -0.8
D53A	baz=173		S	S	21 27 22.2 +0.3
BATG	Bathurst New B	66.99 3	I Amb	I Amb	21 27 24.3
BATG	comp=Z,406nm,1.1s		P	P	21 27 22.9 +0.9
LATQ	La Tuque	67.00 358	P	P	21 27 21.7 -0.1
LATQ	baz=178,SNR=47		S	S	21 26 16.2 +0.8
E47A	Iron Blidge	67.03 351	P	P	21 27 21.7 -0.5
E47A	baz=167,SNR=91		S	S	21 26 13.3 -2.5
MVCO	Mesa Verde	67.10 328	I Amb	I Amb	21 27 26.9
MVCO	comp=Z,157nm,1.0s		P	P	21 27 24.0 +0.9
MVCO	Mesa Verde	67.10 328	S	S	21 26 19.6 +2.0
MVCO	baz=141,SNR=52		S	S	21 27 30.2
E46A	Sault Ste Mari	67.11 350	I Amb	I Amb	21 27 20.2
E46A	comp=Z,218nm,1.1s		I AMs_20	I AMs_20	21 57 20.5
D51A	Lot 18 Range I	67.15 354	P	P	21 27 22.9 0.0
D51A	baz=171,SNR=99		S	S	21 26 17.6 +0.4
OGNE	Ogallala	67.21 335	I Amb	I Amb	21 27 26.2
OGNE	comp=Z,156nm,1.1s		P	P	21 27 24.0 +0.4
OGNE	Ogallala	67.21 335	S	S	21 26 20.2 +1.7
OGNE	baz=148,SNR=65		S	S	21 27 22.9 0.0
F42A	Maple Grove Fa	67.26 347	I AMs_20	I AMs_20	21 55 18.3
F42A	comp=Z,40um,21.0s		I AMs_20	I AMs_20	21 58 08.4
G40A	Rib Lake	67.27 345	I AMs_20	I AMs_20	21 58 08.4
G40A	comp=Z,46um,20.0s		P	P	21 27 23.8 +0.1
D50A	G1974 Best Tow	67.27 353	P	P	21 26 16.1 -2.6
D50A	baz=171,SNR=202		S	S	21 27 28.8
WUAZ	Wupaki	67.31 325	I Amb	I Amb	21 27 28.8
WUAZ	comp=Z,353nm,1.1s		I AMs_20	I AMs_20	21 57 00.6
WUAZ	comp=Z,31um,18.0s		P	P	21 27 26.1 +1.6
WUAZ	Wupaki	67.31 325	S	S	21 27 25.1 +5.0
WUAZ	baz=138,SNR=222		S	S	21 27 29.3
GLA	Glamis	67.50 321	I Amb	I Amb	21 27 29.3
GLA	comp=Z,220nm,1.1s		P	P	21 27 27.0 +1.4
GLA	Glamis	67.50 321	S	S	21 26 26.5 +4.4
GLA	baz=135,SNR=69		P	P	21 27 24.7 -0.6
D48A	Paudash Townsh	67.52 352	P	P	21 27 18.7 -3.1
D48A	baz=169,SNR=70		S	S	21 27 24.6 -1.0
D46A	Sault St. Mari	67.58 350	P	P	21 27 24.6 -1.0

D46A	baz=166		S	S	21 26 18.0 -4.4
D47A	Chapleau	67.59 351	P	P	21 27 25.0 -0.8
D47A	baz=167,SNR=70		S	S	21 26 17.9 -4.8
E43A	Lone Tree Farm	67.61 348	I Amb	I Amb	21 27 33.4
E43A	comp=Z,206nm,1.1s		I AMs_20	I AMs_20	21 58 54.7
E44A	Grand Marais A	67.64 349	I Amb	I Amb	21 27 40.1
E44A	comp=Z,44um,21.0s		P	P	21 27 25.8 -0.3
E44A	Grand Marais A	67.64 349	S	S	21 26 20.0 -3.2
E44A	baz=164,SNR=93		S	S	21 27 32.6
ECSD	EROS Data Cent	67.67 340	I Amb	I Amb	21 27 26.1 -0.2
ECSD	comp=Z,236nm,1.1s		P	P	21 26 21.8 -1.9
ECSD	EROS Data Cent	67.67 340	S	S	21 27 30.5
ECSD	baz=154,SNR=942		S	S	21 27 30.5
ISCO	Idaho Springs	67.79 331	I Amb	I Amb	21 27 30.5
ISCO	comp=Z,156nm,1.1s		P	P	21 27 28.4 +0.9
ISCO	Idaho Springs	67.79 331	S	S	21 26 26.8 +0.9
ISCO	baz=144,SNR=185		S	S	21 27 28.4
COWI	Conover	67.81 346	I Amb	I Amb	21 27 28.4
COWI	comp=Z,189nm,1.1s		I AMs_20	I AMs_20	22 00 26.7
Y12C	Blythe	67.81 321	I Amb	I Amb	21 27 32.4
Y12C	comp=Z,43um,20.0s		P	P	21 27 29.0 +1.6
Y12C	Blythe	67.81 321	S	S	21 26 25.5 +3.8
Y12C	baz=135,SNR=93		S	S	21 26 29.2 -2.1
TAOE	Nuku Hiva Isla	67.86 268	eS	LQ	21 45 08.8
TAOE	comp=Z,82um,25.8s		eLQ	LQ	21 47 54.2
TAOE	comp=Z,35um,29.9s		eLR	LR	22 41 09.3
TAOE	comp=Z,30um,25.5s, baz=108		eT	T	22 41 09.3
TAOE	Nuku Hiva Isla	67.86 268	I AMs_20	I AMs_20	21 49 25.1
TAOE	comp=Z,139nm,0.2s		I AMs_20	I AMs_20	21 27 28.6
SPMN	Nuku Hiva Isla	67.86 268	I AMs_20	I AMs_20	21 27 28.6
SPMN	comp=Z,30um,20.0s		P	P	21 27 27.1 -0.6
SPMN	Marine on St.	67.89 343	P	P	21 26 22.9 -3.4
SPMN	comp=Z,182nm,1.1s		S	S	21 27 32.4
SPMN	Marine on St.	67.89 343	I Amb	I Amb	21 27 32.4
SPMN	baz=158,SNR=83		S	S	21 27 29.8 +1.3
SMCO	Snowmass	67.91 330	I Amb	I Amb	21 27 32.4
SMCO	comp=Z,221nm,1.1s		P	P	21 27 32.4 +1.7
PDMO	Parker Dam, Lak	67.98 322	P	P	21 27 32.4 +1.7
PDMO	baz=136,SNR=98		S	S	21 27 30.2
VLDO	Val d'Or	67.98 355	I Amb	I Amb	21 27 30.2
VLDO	comp=Z,324nm,1.1s		I AMs_20	I AMs_20	22 02 23.4
IKP	In-Ko-Pah, Juc	67.99 320	P	P	21 27 30.4 +1.7
IKP	comp=Z,48um,18.0s		S	S	21 26 33.4 +5.3
IKP	baz=134,SNR=156		I AMs_20	I AMs_20	21 57 49.9
PV02	Paradox Valley	67.99 328	I Amb	I Amb	21 27 33.5
PV02	comp=Z,235nm,1.2s		I AMs_20	I AMs_20	21 57 49.9
PV02	Paradox Valley	67.99 328	I Amb	I Amb	21 27 32.6
PV02	comp=Z,33um,19.0s		I AMs_20	I AMs_20	21 57 40.0
PV13	Radium Mtn., P	68.00 328	I Amb	I Amb	21 27 32.6
PV13	comp=Z,236nm,1.1s		I AMs_20	I AMs_20	21 57 40.0
SWSC	Saw, Stewart	68.01 320	P	P	21 27 30.4 +1.7
SWSC	comp=Z,32um,18.0s		S	S	21 26 34.3 +6.2
SWSC	baz=134,SNR=77		I AMs_20	I AMs_20	21 57 35.9
PV05	Paradox Valley	68.07 328	I Amb	I Amb	21 27 35.9
PV05	comp=Z,193nm,1.2s		I AMs_20	I AMs_20	21 57 42.3
PV03	Paradox Valley	68.08 328	I AMs_20	I AMs_20	21 57 42.3
PV03	comp=Z,30um,18.0s		I AMs_20	I AMs_20	21 57 32.0
PV18	Skein Mesa, Pa	68.11 328	I Amb	I Amb	21 57 42.9
PV18	comp=Z,183nm,1.2s		I AMs_20	I AMs_20	21 57 34.3
PV12	Saucer Basin	68.11 328	I Amb	I Amb	21 57 54.0
PV12	comp=Z,32um,18.0s		I AMs_20	I AMs_20	21 57 54.0
PV11	David Mesa, Pa	68.13 328	I Amb	I Amb	21 27 34.2
PV11	comp=Z,190nm,1.1s		I AMs_20	I AMs_20	21 57 52.5
PV17	East Wray Mesa	68.16 328	I Amb	I Amb	21 27 32.4
PV17	comp=Z,35um,18.0s		I AMs_20	I AMs_20	21 57 43.7
PV16	Nyswonger Mesa	68.16 328	I AMs_20	I AMs_20	21 57 44.4
PV16	comp=Z,37um,18.0s		I AMs_20	I AMs_20	21 57 45.1
PV20	West Nyswonger	68.21 328	I AMs_20	I AMs_20	21 57 54.6
PV20	comp=Z,30um,18.0s		I AMs_20	I AMs_20	21 27 37.2
PV14	Lion Creek, Pa	68.26 328	I Amb	I Amb	21 57 47.0
PV14	comp=Z,212nm,1.2s		I AMs_20	I AMs_20	21 27 48.9
PV22	Blue Mesa, Par	68.27 329	I Amb	I Amb	21 27 48.9
PV22	comp=Z,250nm,1.1s		I AMs_20	I AMs_20	21 27 33.8
PV10	Paradox Valley	68.27 328	I Amb	I Amb	21 27 35.5
PV10	comp=Z,210nm,1.1s		I AMs_20	I AMs_20	21 27 32.2 +1.6
BC3	Big Chuckawall	68.29 321	P	P	21 26 36.8 +5.0
BC3	baz=135,SNR=169		S	S	22 02 10.5
PV23	Carpenter Ridg	68.32 328	I AMs_20	I AMs_20	21 27 32.7 +1.6
PV23	comp=Z,32um,18.0s		S	S	21 26 37.5 +4.8
MONP2	Monument Peak	68.35 320	P	P	21 27 35.8 +1.7
MONP2	baz=134,SNR=136		S	S	21 27 35.8
IRM	Iron Mountain	68.46 321	P	P	21 27 33.3 +1.7
IRM	comp=Z,405nm,1.1s		S	S	21 26 38.0 +4.3
U15A	North Rim	68.48 325	I Amb	I Amb	21 27 37.1
U15A	comp=Z,249nm,0.9s		I AMs_20	I AMs_20	21 57 22.8
NEE2	Needles Airpor	68.59 322	P	P	21 27 33.7 +1.4
NEE2	comp=Z,34um,18.0s		S	S	21 26 39.4 +4.4
D41A	Chassel	68.59 347	I Amb	I Amb	21 27 40.2
D41A	comp=Z,469nm,1.1s		I AMs_20	I AMs_20	21 59 17.5
109C	Camp Elliot, M	68.77 319	P	P	21 27 34.9 +1.5
109C	baz=133,SNR=20		S	S	21 26 42.2 +5.1
N23A	Red Feather La	68.82 332	I Amb	I Amb	21 27 38.1
N23A	comp=Z,451nm,1.1s		P	P	21 27 34.9 +1.0
N23A	Red Feather La	68.82 332	S	S	21 26 40.5 +2.4
N23A	baz=144,SNR=183		I AMs_20	I AMs_20	21 27 34.7
E38A	The Farm, Brul	68.85 345	I Amb	I Amb	21 27 34.7
E38A	comp=Z,166nm,1.1s				

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Black Hills, Dogwood Acres, Serra Branca, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Valley Oaks Go, Tubuai, Antelope Grade, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Mt. Diablo Mer, Missoula, Blue Mountains, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like 554A Dingess, Beckl, 554A Rapidan, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like I49A Point Hope, TUC Tucson, H53A Bobcaygeon, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, H11N3 WAKE ISLAND, etc.

IDC 16 21:26:38.7±0.8, 19.83S×70.57W, h0km, mb4.6/1.0, mbl 4.8/1.1, m1mx14.5/37, mbtmp4.6/1.1, ML4.8/1.1, ellip:se: s-maj=31.6km s-min=17.7km az=42.0

NEIC 16 21:26:42.8±1.4, 19.95S×0.06W, 70.74W±0.07, h35km±1km, Error ellipse: s-maj=12.7km s-min=9.4km az=127.0

ISC 16 21:26:44.1±0.5, 19.86S×0.06W, 70.61W±0.08, h44km±n66, s122/67, mb4.8/1.9, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, KURBB Kurchatov Arr, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, AAK Ala-Archa, AAK Ala-Archa, etc.

NEIC 16:21:27.13.5.1.6.20.1S:0.1x70.74W:0.08, h10km, 1km, mb4.5, Error ellipse: s-maj=20.4km s-min=11.7km az=169.0

IDC 16:21:27.13.0.1.0.19:88S:70:62W, h0km, mb4.4/7, mb1.4/7.8, mb1mx4.3/39, mbtmp4.5/8, ML3.2/2, Error ellipse: s-maj=35.5km s-min=25.6km az=59.0

GUC 16:21:27.14.6.0.6.19:78S:70:89W, h34km, 1km, ML4.8, ISC 16:21:27.13.5.2.1.19:95S:0:05:70:86W:0.07, h5km, 12km, n40, r101/46, mb4.5/6, Near coast of northern Chile

IDC 16:21:35:30.3.0.6.19:94S:70:62W, h0km, mb4.4/12, mb1.4/5.16, mb1mx4.3/39, mbtmp4.4/16, ML4.0/4, Error ellipse: s-maj=20.3km s-min=15.4km az=53.0

NEIC 16:21:35:30.4.1.5.19:86S:0:05:70:69W:0.04, h10km, 1km, mb4.7/20, Error ellipse: s-maj=9.6km s-min=6.1km az=153.0

ISC 16:21:35:31.0.4.0.19:87S:0:05:70:66W:0.05, h10km, n88, r158/90, mb4.5/15, 1C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, G001 Chusmiza, PB04 IPOC Station P, LVC Limon Verde, etc.

IDC 16:21:37:17.5.1.9.19:86S:70:53W, h0km, mb4.1/1, mb1.4/2.2, mb1mx3.7/37, mbtmp4.2/2, Error ellipse: s-maj=62.8km s-min=32.8km az=66.0

ISC 16:21:37:17.4.1.5.19:83S:0:09:70:70W:0.1, h10km, n16, r548/7, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, TORD Torodi Arr, etc.

IDC 16:21:41:36.0.0.7.19:94S:70:68W, h0km, mb3.8/7, mb1.4/7.9, mb1mx3.9/39, mbtmp4.3/9, ML3.6/2, Error ellipse: s-maj=57.6km s-min=18.9km az=63.0

ISC 16:21:41:37.4.1.5.19:83S:0:09:70:70W:0.1, h10km, n16, r1501/16, mb3.8/6, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, SIV San Ignacio, etc.

NEIC 16:21:32:47.7.1.1.19:82S:0:06:70:85W:0.08, h10km, 1km, mb4.1/3, Error ellipse: s-maj=14.3km s-min=7.8km az=305.0

IDC 16:21:32:48.6.0.8.19:70S:70:72W, h0km, mb4.1/9, mb1.4/3.1/1, mb1mx4.1/38, mbtmp4.2/11, ML4.3/2, Error ellipse: s-maj=24.4km s-min=21.2km az=18.0

ISC 16:21:32:47.6.0.6.19:81S:0:05:70:90W:0.07, h10km, n39, r180/44, mb4.3/8, Near coast of northern Chile

ISC 16:21:42:30.8.0.8.19:94S:70:53W, h0km, mb4.0/11, mb1.4/2.12, mb1mx4.0/38, mbtmp4.1/12, ML3.6/1, Error ellipse: s-maj=24.6km s-min=18.5km az=18.0

NEIC 16:21:42:30.1.0.1.8.20:08S:0:04:70:64W:0.07, h10km, 1km, mb4.8/8, Error ellipse: s-maj=11.8km s-min=6.6km az=286.0

ISC 16:21:42:31.2.0.5.20:04S:0:05:70:64W:0.06, h10km, n63, r158/51, 1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like X16A Lo Mia Camp, DBIC Dimbokro, PDAR Pinedale Array, etc.

IDC 16:21:42:30.8.0.8.19:94S:70:53W, h0km, mb4.0/11, mb1.4/2.12, mb1mx4.0/38, mbtmp4.1/12, ML3.6/1, Error ellipse: s-maj=24.6km s-min=18.5km az=18.0

NEIC 16:21:42:30.1.0.1.8.20:08S:0:04:70:64W:0.07, h10km, 1km, mb4.8/8, Error ellipse: s-maj=11.8km s-min=6.6km az=286.0

ISC 16:21:42:31.2.0.5.20:04S:0:05:70:64W:0.06, h10km, n63, r158/51, 1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, G001 Chusmiza, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HMP, HEC, GMRC, SPX, etc.

IDC 16:21:56:26.1e, 0.6, 19.85S:70.64W, h0km, mb4.0/10, mb1.4/3/12, mb1mx4.0/44, mbtmp4.1/12, ML4.1/2, Error ellipse: s-maj=24.3km s-min=13.8km az=58.0

NEIC 16:21:56:26.1e, 1.5, 19.92S:0.03:70.74W, 0.05, h10km, 1km, mb4.4/20, Error ellipse: s-maj=8.5km s-min=5.6km az=110.0

ISC 16:21:56:26.3e, 0.4, 19.93S:0.04:70.70W, 0.06, h10km, n69, 1519/66, mb4.3/14, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB11, GO01, GO02, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR, KURK, KURB, etc.

NEIC 16:21:59:02.5e, 1.8, 19.92S:0.04:70.72W, 0.04, h10km, 1km, mb4.6/12, ML4.3(GUC), Error ellipse: s-maj=7.6km s-min=6.0km az=168.0

IDC 16:21:59:02.7e, 0.5, 19.87S:70.51W, h0km, mb4.2/15, mb1.4/3/18, mb1mx3.4/39, mbtmp4.2/18, ML3.6/3, Error ellipse: s-maj=19.6km s-min=10.8km az=67.0

GUC 16:21:59:06.4e, 0.6, 19.91S:70.68W, h37km, 3km, ML4.3, ISC 16:21:59:03.5e, 1.3, 19.88S:0.03:70.67W, 0.05, h10km, 8km, n88, 15179/97, mb4.1/15, 6C-2D, Near coast of northern Chile

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORD, YKA, H1S2, etc.

IDC 16:21:59:51.1e, 6.5, 19.76S:70.50W, h0km, mb4.1/4, mb1.4/3/4, mb1mx3.8/38, mbtmp4.1/4, Error ellipse: s-maj=248.7km s-min=34.1km az=16.0, Near coast of northern Chile

IDC 16:22:00:12.5e, 1.8, 5.13N:122.06E, h0km, mb3.4/4, mb1.3/5/4, mb1mx3.3/55, mbtmp3.4/4, Error ellipse: s-maj=328.8km s-min=22.0km az=63.0, Celebes Sea

IDC 16:22:01:58.5e, 1.8, 16.07S:175.61W, h302km, 33km, mb3.4/3, mb2.1/3/7/4, mb1mx3.2/42, mbtmp4.2/4, Error ellipse: s-maj=145.0km s-min=25.6km az=146.0

NEIC 16:22:01:59.3e, 0.5, 16.2S:0.2:175.4W, 0.2, h330km, 12km, mb4.1/11, Error ellipse: s-maj=47.0km s-min=15.3km az=127.0

ISC 16:22:01:57.7e, 0.7, 16.1S:0.2:175.6W, 0.1, h300km, n17, 0595/20, mb4.2/10, Tonga Islands

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

16d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like LPAZ, GO02, SIV, PLCA, PASO FLORES, TORO DI AR, etc.

IDC 16 22:07:13.6:2.6,2.0,20.5:70.96W,h0km,mb3.9/3, mb1 3.9/5, mb1mx3.7/31, mbtrmp3.9/5, ML3.6/2, Error ellipse: s-maj=54.0km s-min=29.0km az=75.0

ISC 16 22:07:12.7:2.2, 19.94S:010:71.2W:0.2,h10km,n13, r151/8,mb4.0/3, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like LVC, LPAZ, SIV, PTGA, BDFB, TORO DI AR, etc.

ROM 16 22:08:18.4:0.2,44.061N:010:13.161E:0.009, h6km,ML2.0/12, Error ellipse: s-maj=1.1km s-min=0.5km az=17.0

VIE 16 22:08:23.6:0.9,44.18N:13:39E,h8km,mb2.0/2,m1.8/4, Error ellipse: s-maj=11.0km s-min=7.5km az=98.0 79 km ENE of San Marino

ISC 16 22:08:20.6:1.0,44.010N:004:13.17E:0.03,h10km,10km,n30,r1518/52,Z,Adriatic Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like PESA, SENI, CORI, FSSB, MPAG, ARVD, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like PARC, FOSV, ATFO, ATFO, etc.

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

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like BADI, MURB, NVLJ, DUGI, etc.

LJU 16 22:08:28.8,45.75N:14.88E,h3km,ML0.3,1D, Northwestern Balkan Peninsula

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

SJA 16 22:13:04.3:0.7,32.28S:70.96W,h78km,4km,ML3.4, MW3.4

GUC 16 22:13:05.2:0.6,32.35S:70.99W,h75km,6km,ML3.9

ISC 16 22:13:05.2:1.3,32.31S:070:71.00W:0.10,h82km,20km,n15,r0531/25,1C-3D,Chile-Argentina border region

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like AROD, AMOG, ACAN, AGUA, etc.

IDC 16 22:16:13.8:6.5,36.54N:71.11E,h74km,34km,mb3.7/3, mb1 3.5/9, mb1mx3.1/62, mbtrmp3.8/9, ML3.4/6, Error ellipse: s-maj=73.6km s-min=20.0km az=152.0

NNC 16 22:16:16.5:2.8,36.68N:71.19E,h115km,51km,mb3.2, mpv3.9, Error ellipse: s-maj=24.9km s-min=22.0km az=115.0

ISC 16 22:16:11.8:1.0,36.39N:008:71.21E:0.07,h100km,n27, r2545/33,mb4.1/3,3C-2D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like AML, UCH, KZA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like EKSE, KK31, AAK, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like KURBB, AB31, AB31, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like ZALV, FINES, HFS, NOA, etc.

VIE 16 22:18:24.5:0.9,49.77N:18.65E,h0km,mb2.0/3,ml2.7/4, Error ellipse: s-maj=11.8km s-min=5.4km az=23.0 30 km ESE of Ostrava Suspected Mining induced.

IPEC 16 22:18:25.6:0.2,49.83N:18.58E,h0km,ML2.4/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

ISC 16 22:18:25.7:0.8,49.82N:003:18.51E:0.02,h0km,n40, r0582/70,8C-3D,Czech and Slovak Republics

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like MOA, CLL, NK, etc.

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

DSN 16 22:24:56.2:1.1,27.88N:57.32E,h10km,ML3.7/7, Error ellipse: s-maj=44.9km s-min=9.4km az=117.0

TEH 16 22:25:00.0,27.89N:56.55E,h8km,ML3.3

OMAN 16 22:25:02.5:2.6,27.89N:55.60E,h5km,203km,ml3.3/7, mb2.0/3, Error ellipse: s-maj=281.6km s-min=55.0km az=306.0

ISC 16 22:25:00.7:0.9,27.81N:004:56.52E:0.04,h10km,n31, r1520/39,Southern Iran

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

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like West Decatur, Cornudas Mount, Moraine State, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Sainte-Anne-du, Lac Vacive, Wuajac, 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 Limon Verde, La Paz, San Ignacio, etc.

NEIC 16 23:08:12.5, 20:07S, 70:76W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mr=4.66; Mw=6.03; Mm=1.37; Mn=0.80; Mm=0.32; Mm=4.08; Fault plane solution: Mb=5800x10^15, N1=172, N2=700, N3=340, P1=370, P2=244, P3=540, P4=28000, P5=42, P6=93000. Principal axes: T: 7.4294, P: 5.6800, N: -1.2775, P: 3.73, Azm280.0000; P: -6.1519, P: 6.0000, Azm186.0000; N: 6.7127, Mwr4.5/19 Error ellipse: s-maj=8.1km s-min=5.5km az=241.0

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 Diego Aracena, Pisagua, Punta Patache, IPOC Station P, etc.

TWD	baz=252	i	S	Sn	23 25 08.2 -0.7	
HWA	baz=252 Hwalien baz=205	0.23 214	P	Pn	23 25 01.5 -0.4	
HWA	baz=205		P	Sn	23 25 10.3 +0.8	
ETLH	baz=205 Xiulin Townshi baz=276	0.24 279	P	Pn	23 25 01.8 -0.3	
ETLH	baz=276		S	Sn	23 25 09.0 -0.8	
ENA	baz=276 Nanau baz=357	0.26 359	i	Pn	23 25 02.2 +0.1	
ENA	baz=357		S	Sn	23 25 10.5 +0.8	
ENLB	baz=201 Shoufeng baz=201	0.30 206	i	Pn	23 25 01.8 -0.6	
ENLB	baz=201		S	Sn	23 25 11.0 +0.9	
NNSB	baz=310 Datong baz=310	0.42 308	P	Pn	23 25 03.4 -0.1	
NNSB	baz=310		S	Sn	23 25 11.8 -0.3	
NNSH	baz=309 Datong baz=309	0.42 308	i	Pn	23 25 03.5 +0.1	
NNSH	baz=309		i	S	Sn	23 25 11.9 -0.2
NNS	baz=311 Nan Shan baz=311	0.43 308	i	Pn	23 25 03.6 0.0	
NNS	baz=311		i	S	Sn	23 25 12.3 -0.1
WHF	baz=268 Hehuan Shan baz=268	0.44 267	i	Pn	23 25 03.8 -0.1	
WHF	baz=268		S	Sn	23 25 12.4 -0.6	
TWC	baz=20 Suao baz=20	0.45 12	i	Pn	23 25 04.1 +0.5	
TWC	baz=20		i	S	Sn	23 25 13.6 +1.3
ESL	baz=224 Shilin baz=224	0.46 219	i	Pn	23 25 02.4 -1.2	
ESL	baz=224		S	Sn	23 25 11.0 -1.5	
NDT	baz=328 Datong Townshi baz=328	0.48 334	i	Pn	23 25 04.0 +0.1	
NDT	baz=328		S	Sn	23 25 13.1 +0.2	
ENTT	baz=341 Nioudou baz=341	0.49 341	i	Pn	23 25 04.0 0.0	
ENTT	baz=341		S	Sn	23 25 13.2 0.0	
EOS1	baz=53 EOS1 baz=53	0.51 43	P	Pn	23 25 05.1 +1.0	
EOS1	baz=53		S	Sn	23 25 15.2 +1.8	
TWT	baz=277 Tachien baz=277	0.53 279	i	Pn	23 25 05.5 +1.0	
TWT	baz=277		i	S	Sn	23 25 14.4 +0.4
CHGB	baz=256 Renai baz=256	0.53 258	P	Pn	23 25 04.9 +0.3	
CHGB	baz=256		S	Sn	23 25 13.9 -0.3	
TDCB	baz=277 Techi baz=277	0.54 279	P	Pn	23 25 05.0 +0.4	
TDCB	baz=277		S	Sn	23 25 14.4 +0.2	
TWE	baz=351 Neicheng baz=351	0.55 353	i	Pn	23 25 05.1 +0.5	
TWE	baz=351		S	Sn	23 25 15.1 +0.9	
OWD	baz=245 Renai baz=245	0.56 248	i	Pn	23 25 04.8 -0.1	
OWD	baz=245		S	Sn	23 25 13.7 -0.9	
EGFH	baz=216 Guangfu baz=216	0.58 210	P	Pn	23 25 03.9 -1.0	
EGFH	baz=216		i	S	Sn	23 25 13.7 -1.0
SLBB	baz=347 Yuanshan baz=347	0.59 350	i	Pn	23 25 04.5 -0.6	
SLBB	baz=347		S	Sn	23 25 14.7 -0.3	
YHNB	baz=328 Yeheng baz=328	0.60 326	P	Pn	23 25 05.4 +0.1	
YHNB	baz=328		S	Sn	23 25 15.0 -0.2	
NSK	baz=327 Sanguang baz=327	0.61 325	i	Pn	23 25 05.5 +0.2	
NSK	baz=327		S	Sn	23 25 15.0 -0.5	
NWLT	baz=335 Wulai baz=335	0.64 340	i	Pn	23 25 05.9 +0.3	
NWLT	baz=335		i	S	Sn	23 25 15.7 -0.2
NWTC	baz=1.0 Toucheng baz=1.0	0.69 6	i	Pn	23 25 07.0 +1.0	
NTC	baz=1.0		S	Sn	23 25 18.6 +1.9	
VWDT	baz=231 VWDT baz=231	0.69 233	P	Pn	23 25 06.3 +0.2	
VWDT	baz=231		S	Sn	23 25 16.8 0.0	
HGSD	baz=211 Ruisui baz=211	0.74 204	P	Pn	23 25 07.0 +0.4	
HGSD	baz=211		e	S	Sn	23 25 17.8 0.0
WHP	baz=279 Taichung City baz=279	0.74 278	i	Pn	23 25 07.8 +1.0	
WHP	baz=279		S	Sn	23 25 18.8 +0.9	
DPDB	baz=260 Guoxing baz=260	0.76 260	i	Pn	23 25 07.6 +0.6	
DPDB	baz=260		S	Sn	23 25 19.0 +0.6	
EHY	baz=209 Hungye baz=209	0.77 210	i	Pn	23 25 06.7 -0.4	
EHY	baz=209		S	Sn	23 25 17.3 -1.1	
TIPB	baz=357 Shuangxi baz=357	0.80 5	i	Pn	23 25 08.5 +1.0	
TIPB	baz=357		S	Sn	23 25 20.6 +1.4	
NHHD	baz=347 Xindian Distri baz=347	0.81 346	P	Pn	23 25 08.1 +0.5	
NHHD	baz=347		S	Sn	23 25 19.8 +0.4	
WLTB	baz=335 Daxi baz=335	0.81 327	e	Pn	23 25 08.4 +0.8	
WLTB	baz=335		S	Sn	23 25 20.7 +1.3	
LIOB	baz=306 Emei baz=306	0.82 306	i	Pn	23 25 08.0 +0.3	
LIOB	baz=306		S	Sn	23 25 21.3 +1.8	
SSLB	baz=241 Suanglung baz=241	0.82 242	P	Pn	23 25 08.0 +0.3	
SSLB	baz=241		S	Sn	23 25 19.7 +0.1	
NSST	baz=305 Nanjung baz=305	0.82 304	e	Pn	23 25 08.2 +0.5	
NSST	baz=305		S	Sn	23 25 20.6 +1.1	
TWA	baz=341 Mucha baz=341	0.82 350	i	Pn	23 25 07.8 +0.1	
TWA	baz=341		S	Sn	23 25 20.1 +0.6	
SMLT	baz=245 Sun Moon Lake baz=245	0.82 250	i	Pn	23 25 08.8 +1.0	
SMLT	baz=245		S	Sn	23 25 20.8 +1.0	
TATO	baz=346 Taipei baz=346	0.83 344	P	Pn	23 25 07.3 -0.6	
TATO	baz=346		S	Sn	23 25 20.2 +0.4	
TYC	baz=248 Yuchr baz=248	0.85 252	i	Pn	23 25 08.8 +0.8	
TYC	baz=248		i	S	Sn	23 25 21.7 +1.4
TWB1	baz=29 Santiao Chiao baz=29	0.86 15	P	Pn	23 25 08.7 +0.5	
TWB1	baz=29		e	S	Sn	23 25 22.2 +1.8
YULB	baz=207 Yu-li baz=207	0.88 208	P	Pn	23 25 07.2 -1.2	
YULB	baz=207		e	S	Sn	23 25 18.6 -2.2
TAP1	baz=348 Taipei baz=348	0.89 347	e	Sn	23 25 21.2 +0.2	

NWF	baz=353 Wu-fen Shan baz=353	0.90 2	i	Pn	23 25 09.4 +0.7	
NWF	baz=353		S	Sn	23 25 22.9 +1.5	
WFSB	baz=353 Wufen Shan baz=353	0.90 2	P	Pn	23 25 09.4 +0.8	
WFSB	baz=353		S	Sn	23 25 23.0 +1.8	
TWQ1	baz=290 Liyutan baz=290	0.91 281	i	Pn	23 25 09.1 +0.4	
TWQ1	baz=290		S	Sn	23 25 22.6 +1.2	
TWF1	baz=211 Yuli baz=211	0.91 207	i	Pn	23 25 07.5 -1.3	
TWF1	baz=211		e	S	Sn	23 25 20.2 -1.3
SBCB	baz=323 Hsinchu baz=323	0.93 312	e	Pn	23 25 09.2 +0.2	
SBCB	baz=323		e	S	Sn	23 25 23.6 +1.7
NSY	baz=285 Sanyi baz=285	0.93 285	e	Pn	23 25 09.3 +0.3	
NSY	baz=285		e	S	Sn	23 25 23.8 +1.8
WHYT	baz=240 Xinyi Township baz=240	0.94 240	P	Pn	23 25 10.4 +1.2	
WHYT	baz=240		i	S	Sn	23 25 24.3 +2.0
NCUH	baz=328 Zhongli baz=328	0.94 327	e	Pn	23 25 09.1 -0.1	
NCUH	baz=328		S	Sn	23 25 22.5 +0.3	
NMLH	baz=292 Miaoili baz=292	0.94 293	e	Pn	23 25 09.7 +0.5	
NMLH	baz=292		e	S	Sn	23 25 23.7 +1.4
NCU	baz=329 National Centr baz=329	0.94 328	e	Pn	23 25 09.6 +0.4	
NCU	baz=329		S	Sn	23 25 22.8 +0.5	
HSN	baz=345 Hsihu baz=345	0.95 312	S	Sn	23 25 23.3 +1.0	
TWS1	baz=345 Kuanyinshan baz=345	0.97 342	e	Pn	23 25 09.9 +0.4	
TWS1	baz=345		S	Sn	23 25 23.7 +0.9	
TCU	baz=268 Taichung baz=268	0.98 269	P	Pn	23 25 10.3 +0.8	
TCU	baz=268		S	Sn	23 25 24.2 +1.3	
YM01	baz=343 YM01 baz=343	0.98 351	i	Pn	23 25 09.6 -0.1	
YM01	baz=343		i	S	Sn	23 25 23.3 +0.1
PTSB	baz=286 Yuanli baz=286	0.99 286	e	Pn	23 25 10.2 +0.5	
PTSB	baz=286		e	S	Sn	23 25 24.3 +1.1
WJS	baz=249 Zhushan baz=249	0.99 250	P	Pn	23 25 11.2 +1.5	
WJS	baz=249		S	Sn	23 25 25.1 +1.7	
YUS	baz=219 Yu-Shan baz=219	0.99 227	P	Pn	23 25 11.0 +0.7	
YUS	baz=219		S	Sn	23 25 25.9 +0.2	
YM10	baz=344 YM10 baz=344	0.99 350	P	Pn	23 25 09.7 -0.2	
YM10	baz=344		e	S	Sn	23 25 23.7 +0.2
YM11	baz=343 YM11 baz=343	1.00 351	P	Pn	23 25 09.7 -0.3	
YM11	baz=343		e	S	Sn	23 25 23.7 0.0
WNT	baz=264 Mingjing baz=264	1.01 254	i	Pn	23 25 11.4 +1.3	
WNT	baz=264		S	Sn	23 25 26.1 +2.3	
WDJ	baz=280 Daj District baz=280	1.02 280	e	Pn	23 25 10.8 +0.6	
WDJ	baz=280		e	S	Sn	23 25 25.3 +1.3
ANP	baz=351 Anpu baz=351	1.03 349	P	Pn	23 25 10.0 -0.4	
ANP	baz=351		S	Sn	23 25 24.4 0.0	
FULB	baz=209 Full baz=209	1.05 203	i	Pn	23 25 10.3 -0.3	
FULB	baz=209		S	Sn	23 25 24.8 0.0	
ALS	baz=226 Alishan baz=226	1.08 233	P	Pn	23 25 12.2 +1.0	
ALS	baz=226		S	Sn	23 25 26.9 +1.1	
WCHH	baz=264 Zhanghua baz=264	1.09 265	e	Pn	23 25 11.1 +0.1	
WCHH	baz=264		e	S	Sn	23 25 27.3 +1.8
TWY	baz=346 Chenhua baz=346	1.11 353	e	Pn	23 25 11.6 +0.3	
TWY	baz=346		e	S	Sn	23 25 26.2 +0.3
CHKT	baz=197 Chengkung baz=197	1.12 198	P	Pn	23 25 10.6 -0.8	
CHKT	baz=197		S	Sn	23 25 26.0 -0.3	
JYNG	baz=75 Yonagunijimaku baz=75	1.13 75	P	Pn	23 25 11.9 +0.4	
JYNG	baz=75		e	S	Sn	23 25 26.9 +0.5
CHN5	baz=231 Tsauling baz=231	1.13 240	i	Pn	23 25 12.6 +1.0	
CHN5	baz=231		i	S	Sn	23 25 28.1 +1.5
ELDTW	baz=208 Lidau baz=208	1.18 215	P	Pn	23 25 11.8 -0.6	
ELDTW	baz=208		S	Sn	23 25 27.5 -0.4	
WGK	baz=245 Gukung baz=245	1.19 246	P	Pn	23 25 13.9 +1.7	
WGK	baz=245		S	Sn	23 25 30.3 +2.6	
YOJ	baz=75 Yonaguni jima baz=75	1.19 76	P	Pn	23 25 12.6 +0.3	
YOJ	baz=75		S	Sn	23 25 28.4 +0.6	
YOJ	baz=75		e	S	Sn	23 25 12.7 +0.4
WDLH	baz=257 Douliu baz=257	1.21 247	P	Pn	23 25 28.2 +0.4	
WDLH	baz=257		S	Sn	23 25 14.5 +2.0	
RLNB	baz=256 Erlin baz=256	1.30 258	e	Pn	23 25 31.1 +2.9	
RLNB	baz=256		S	Sn	23 25 14.2 +0.5	
RLNB	baz=256		S	Sn	23 25 31.7 +1.4	
CHN4	baz=231 Tsauhsan baz=231	1.33 233	i	Pn	23 25 15.8 +1.5	
CHN4	baz=231		i	S	Sn	23 25 34.2 +3.0
TPUB	baz=229 Ta-pu baz=229	1.34 230	P	Pn	23 25 15.6 +1.2	
TPUB	baz=229		S	Sn	23 25 33.9 +2.4	
STYT	baz=221 Tuiyuan baz=221	1.35 222	P	Pn	23 25 15.8 +1.3	
STYT	baz=221		S	Sn	23 25 33.9 +2.1	
CHY	baz=230 Chiayi baz=230	1.38 241	P	Pn	23 25 16.4 +1.5	
CHY	baz=230		S	Sn	23 25 35.2 +2.9	
WTP	baz=227 Ta-pu baz=227	1.39 229	i	Pn	23 25 15.8 +0.8	
WTP	baz=227		i	S	Sn	23 25 34.8 +2.3
TWK	baz=230 Hsiyning baz=230	1.46 232	i	Pn	23 25 16.8 +0.9	
TWK	baz=230		S	Sn	23 25 35.5 +2.2	
TWH	baz=182 Lutao baz=182	1.47 190	P	Pn	23 25 15.3 -0.7	
TWH	baz=182		S	Sn	23 25 33.4 -1.1	
TWGB	baz=195 Beinan baz=195	1.48 205	P	Pn	23 25 15.4 -0.7	
TWGB	baz=195		S	Sn	23 25 34.2 -0.4	
PCYT	baz=16 Pengchaiyu baz=16	1.48 11	P	Pn	23 25 15.9 +0.3	
PCYT	baz=16		e	S	Sn	23 25 36.4 +1.7

SNST	baz=229 Tainan City baz=229	1.48 231	P	Pn	23 25 17.7 +1.4	
SNST	baz=229		S	Sn	23 25 36.3 +1.5	
CHN1	baz=228 Nanshi baz=228	1.49 229	i	Pn	23 25 17.1 +0.8	
CHN1	baz=228		e	S	Sn	23 25 36.9 +2.0
WSF	baz=223 Szu baz=223	1.49 249	e	Sn	23 25 37.3 +2.4	
SGST	baz=223 Jiashian baz=223	1.52 225	P	Pn	23 25 17.6 +0.9	
SGST	baz=223		S	Sn	23 25 37.5 +1.8	
SLGT	baz=213 Liugu baz=213	1.55 221	P	Pn	23 25 18.4 +1.4	
SLGT	baz=213		S	Sn	23 25 38.5 +2.2	
CHN8	baz=239 Yiju baz=239	1.63 240	S	Sn	23 25	

JAB	Ashibetsu	1.51 351	JP	Pn	00 11 26.5	+0.4
JISS	Ishikarishitsu	1.52 326	P	Pn	00 11 26.5	+0.3
JAR	Ashorobuto	1.56 34	JP	Pn	00 11 26.8	0.0
JAR			eS	Sn	00 11 46.2	+0.2
JYM2	Yakumo 2	1.64 274	JP	Pn	00 11 27.8	0.0
ASAJ	Asahiwa	2.29 1	JP	Pn	00 11 34.9	+0.8
ASAJ	39nm,0.3s,baz=196,slow=12,SNR=7.4		S	Sn	00 12 00.2	+1.1
MJAR	18nm,0.3s,baz=75,slow=13,SNR=16		P	Pn	00 12 39.2	+5.9
MJAR	Matsushiro Arr	6.42 219	JP	Pn	00 12 39.2	+5.9
USRK	Ussuriysk Ar	8.04 289	P	Pn	00 12 57.9	+2.6
KSR5	Korea Array	12.15 253	P	P	00 13 58.3	-3.7
SEY	Seymchan	21.74 12	P	P	00 15 45.6	-1.6
SONM	Songino Array	26.09 295	P	P	00 16 28.9	-0.3
H1N2	WAKE ISLAND Hy 30.30 130 T		T	T	00 48 41.9	
H1N1	WAKE ISLAND Hy 30.31 130 T		T	T	00 48 47.3	
H1N3	WAKE ISLAND Hy 30.32 130 T		T	T	00 48 47.9	
H1S1	WAKE ISLAND Hy 31.16 131 T		T	T	00 49 53.8	
H1S3	WAKE ISLAND Hy 31.16 131 T		T	T	00 49 54.5	
H1S2	WAKE ISLAND Hy 31.18 131 T		T	T	00 49 53.9	
ZALV	Zalesovo Beam	39.38 308	P	P	00 18 24.2	-0.4
MKAR	Makanchi Array	42.94 298	P	P	00 18 49.3	-0.3
ILAR	Eielson Array	44.86 35	P	P	00 19 09.2	+0.2
RAMN	Ramite	47.71 270	P	P	00 19 32.6	+0.4
GUN	Gumba	47.72 272	eP	P	00 19 33.0	+0.6
PKI	Pulchoki	48.26 272	eP	P	00 19 36.7	+0.2
DANN	Dangsing	49.06 274	eP	P	00 19 43.4	+0.7
RES	Resolute Bay	57.56 15	P	P	00 19 43.1	-0.9
YKA	Yellowknife Ar	59.08 32	eP	P	00 20 55.2	+0.5
FINES	FINES Array B	64.84 332	P	P	00 21 32.8	-0.5
NOA	NORSAR Array B	69.94 337	P	P	00 22 05.4	-0.3
BRTR	Keskin Array B	72.22 311	P	P	00 22 43.7	+0.5

IDC 17 00:12:09.2,0.5, 19.85S:70:55W,h0km,mb4.6/18,
 mb1 4.7/21,mb1mx4.5/35,mb1mp4.6/21,ML4.3/3,Error
 ellipse: s-maj=18.0km s-min=12.7km az=72.0
 NEIC 17 00:12:09.6,1.6,20.03S:0:05:70:68W,0.04,h10km,1km,
 mb5.1/32S,ML4.6/GUO,Error ellipse: s-maj=9.2km
 s-min=6.7km az=164.0
 GUC 17 00:12:11.2,0.8,19.98S:70:75W,h23km,4km,ML5.4,
 BUJ 17 00:12:11.0,0.0,20.00S:70:70W,h10km,mb5.5/4,
 Ms5.5/Ms7 5.2/7
 VAO 17 00:12:16.5,0.7,19.98S:70:54W,h64km,5km,mb4.5
 ISC 17 00:12:11.4,1.1,19.98S:0:03:70:72W,0.04,h19km,4km,
 n785,σ1901/743,mb5.0/165,6C-6D,Near coast of
 northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PSGC	Pisagua	0.68	56	JP	00 12 24.1	-0.5
PSGC				iS	00 12 34.1	+0.2
PSGC				IAML	00 12 34.6	
TA01	Diego Aracena	0.77	139	JP	00 12 25.1	-1.1
TA01				eS	00 12 38.7	+0.5
TA01				IAML	00 12 40.7	
PB11	IPOC Station P	1.02	78	JP	00 12 29.9	-0.6
PB11				iS	00 12 44.9	-0.4
PB11				IAML	00 12 46.0	
PB11	IPOC Station P	1.02	78	Pb	00 12 30.0	-0.6
PB11				Sb	00 12 43.3	-0.4
PB12	IPOC Station P	1.41	151	JP	00 12 54.3	+0.2
PB12				eS	00 12 54.3	+0.2
PB12				IAML	00 13 04.7	
GO01	Chuzmiza	1.47	78	JP	00 12 37.5	+0.3
GO01				iS	00 12 47.4	+0.7
GO01				IAML	00 12 59.0	
GO01	Chuzmiza	1.47	78	Pn	00 12 37.5	+0.3
PB08	IPOC Station P	1.48	96	JP	00 12 37.4	+0.1
PB08				iS	00 12 57.3	+0.3
PB08				IAML	00 13 07.4	
PB02	IPOC Station P	1.54	150	eP	00 12 37.3	-0.6
PB02				eS	00 12 58.5	0.0
PB02				IAML	00 13 02.3	
PB01	IPOC Station P	1.56	133	JP	00 12 38.0	-0.3
PB01				eS	00 12 59.2	0.0
PB01				IAML	00 13 08.0	
PB01	IPOC Station P	1.56	133	Pn	00 12 37.9	-0.3
AP01	Chacalluta	1.64	122	JP	00 12 39.5	+0.3
AP01				eS	00 13 01.0	-0.3
AP01				IAML	00 13 09.6	
PB07	IPOC Station P	1.90	156	JP	00 12 42.6	-0.3
PB07				eS	00 13 09.3	+0.3
PB07				IAML	00 13 13.6	
PB09	IPOC Station P	2.27	143	JP	00 12 49.7	+1.7
PB09				eS	00 13 19.4	+0.2
PB04	IPOC Station P	2.40	167	Pn	00 12 48.7	-1.1
LVC	Limon Verde	3.11	148	Pn	00 13 01.3	+1.5
LVC				Sb	00 13 40.3	+3.7
LVC	Limon Verde	3.11	148	Pn	00 13 00.3	+0.6
LVC	Limon Verde	3.11	148	eP	00 13 01.2	+1.5
PB10	IPOC Station P	3.52	178	Pn	00 13 02.7	-2.3
LPAZ	La Paz	4.42	34	Pn	00 13 22.3	+4.3
LPAZ				Sb	00 13 19.3	+1.3
LPAZ	La Paz	4.42	34	Pg	00 13 36.4	+0.2
LPAZ	La Paz	4.42	34	Pg	00 13 22.2	+4.3
GO02	Mina Guanaco	5.26	169	Pn	00 13 27.6	-1.7
GO03	Copiap	7.59	177	Pn	00 13 58.2	-2.8
NNA	Nana	9.89	323	Pn	00 14 32.1	-0.5
NNA				Sb	00 14 33.1	+0.5
SIV	San Ignacio	10.00	68	Pn	00 14 33.5	-0.6
GO04	Tololo Observa	10.15	180	Pn	00 14 33.9	-2.4
COA	Coronel Fontan	11.79	170	Pn	00 14 55.6	-3.0
RFC1	El Peble	12.95	181	Pn	00 15 13.1	-1.5
PEL	Pelchuro	13.17	180	Pn	00 15 12.2	-1.4
SAML	Samuel	13.17	35	Pn	00 15 17.5	0.0
SAML	Samuel	13.17	35	eP	00 15 16.7	-0.8
CPUP	Villa Florida	13.83	120	Pn	00 15 28.3	+1.8
AQDB	Aquidauana	14.11	95	eP	00 15 32.2	+2.0
SALV	Santo Antonio	14.86	98	eP	00 15 40.1	+0.3
GO05	Huala	15.01	184	Pn	00 15 40.2	+2.3
C2SB	Chapadao do Su	16.91	89	eP	00 16 06.8	-0.3
CLDB	Colider	16.98	60	eP	00 16 06.9	-1.1
TRCB	Terra Rica	17.07	103	eP	00 16 08.7	-0.4
PTGB	Pitanga	17.88	109	eP	00 16 19.5	-0.2
PCMB	Pacambu	18.25	98	eP	00 16 22.6	-1.3
ITAB	Concordia	18.49	116	eP	00 16 25.9	-0.4
ARAG	Araguainia, MT	18.49	80	eP	00 16 25.3	-1.2
ITRB	Iturama	19.15	93	eP	00 16 33.0	-0.8
GO06	Cururahué	19.55	182	P	00 16 36.4	-1.6
FRFB	Farfara	19.94	103	P	00 16 42.0	-0.3
CNLD	Canela	20.28	121	eP	00 16 45.8	-0.2
PLCA	Paso Flores	20.68	180	P	00 16 51.5	+1.2
PLCA				P	00 16 50.0	-0.3
PLCA				P	00 16 51.2	+0.8

BB19B	Bebedouro	20.81	97	eP	00 16 50.5	-1.3
IPMB	Ipameri, GO	21.37	88	eP	00 16 57.2	-0.7
OTAV	Otavaio	21.48	338	eP	00 17 00.9	+1.4
OTAV	Otavaio	21.48	338	P	00 17 01.4	+1.9
OTAV	Otavaio	21.48	338	eP	00 17 01.3	+1.9
ICLB	Ilhéu de Faro-Sao	21.75	101	eP	00 17 00.5	-1.5
PTGA	Pitinga	21.84	30	P	00 17 00.8	-2.0
PTGA				P	00 17 01.1	-1.7
PTGA				IAMB	00 17 05.1	
PTGA	Pitinga	21.84	30	eP	00 17 01.9	-0.9
FLOC	Florencia	21.97	347	eP	00 17 04.9	+0.6
BDFB	Brasilia	22.03	82	P	00 17 03.1	-2.0
BDFB				P	00 17 04.8	-0.3
CRUC	La Cruz	22.27	343	eP	00 17 13.8	+5.9
VAO	Valinhos	22.30	102	eP	00 17 06.6	-1.3
GARC	Garzon, Huila	22.52	347	eP	00 17 09.7	-0.8
SOTA	Rioblanco	22.73	345	eP	00 17 15.0	+2.1
EBAC	El Bano, Cauca	22.79	343	eP	00 17 14.3	+1.1
ORTC	Ortega, Tolima	24.18	349	eP	00 17 26.7	+0.2
BSCB	Bom Sucesso	24.32	97	eP	00 17 26.8	-1.3
YOTC	Yotoco, Valle	24.45	346	eP	00 17 30.6	+1.3
CHIC	Chigaza	24.64	353	eP	00 17 31.3	0.0
ROSC	El Rosal	24.92	351	eP	00 17 35.5	+1.6
ROSC				P	00 17 35.2	+1.3
ROSC				P	00 17 32.2	-1.4
RREF	El Recreo	25.14	349	eP	00 17 38.0	+1.9
GUVC	Guayana, Caldas	25.46	349	eP	00 17 39.8	+0.9
JANB	Jandía, Cauca	25.64	393	eP	00 17 48.4	-1.7
WPCB	San Pablo de B	25.69	352	eP	00 17 40.8	+0.4
RUSC	La Rusia	25.82	355	eP	00 17 42.6	+0.5
CBOC	Ciudad Bolívar	26.21	348	eP	00 17 46.0	+0.7
PTBC	PUERTO BERRIO,	26.61	352	eP	00 17 46.9	-1.8
BSFB	Barra de Sao F	26.18	93	eP	00 18 01.5	-1.4
SDV	Santo Domingo	28.20	0	P	00 18 06.2	-1.3
SDV				P	00 18 06.4	-1.1
SDV				P	00 18 06.6	-0.9
SMLC	San Martín de	28.79	353	eP	00 18 05.9	-2.4
RCIP	Isia Barro Col	30.32	342	eP	00 18 22.4	+0.4
RCIP				IAMB	00 18 38.4	
MDP	Montagnes des	30.61	37	P	00 18 24.3	-0.1
NBNP	Ponzo Novo-B	30.74	77	eP	00 18 24.4	-1.2
TOSP	Speyside	32.66	19	P	00 18 41.2	-1.2
NBLA	Lagarto - SE	32.91	79	eP	00 18 43.3	-1.4
GRGR	Grenville	33.13	16	P	00 18 46.8	+0.3
JTS	Las Juntas de	33.19	334	P	00 18 48.3	+1.2
NBMU	Niemi, Chile	33.41	72	eP	00 18 47.2	+1.3
NBPS	Pedra Branca-C	33.49	69	eP	00 18 48.8	-1.1
NBMO	Morrinhos-CE	34.20	65	eP	00 18 54.6	-1.3
NBAN	Anadia - AL	34.77	78	eP	00 18 59.7	-1.2
UNSA	Ushuaia	34.84	178	P	00 19 02.3	+1.4
NBLI	Cascavel-CE	35.25	68	eP	00 19 02.2	-1.1
NBPA	Parau - RN	35.58	71	eP	00 19 03.9	-1.1
RCBR	Riachuelo	36.56	72	eP	00 19 06.7	-1.2
RCBR				IAMB	00 19 16.4	-0.5
RCBR				IAMB	00 19 20.3	
RCBR	Riachuelo	36.63	72	eP	00 19 16.9	0.0
NBPV	Pedro Velho	36.93	73	eP	00 19 18.8	-0.6
ICMP	Isia Caja de M	37.86	7	P	00 19 26.3	-0.8
MLPR	Maqueyes Islan	37.89	6	IAMB	00 19 28.9	
SKI	Saint Kitts	37.92	10	P	00 19 26.9	-0.6
CRPR	Cabo Rojo, PR	37.92	6	P	00 19 26.4	-1.1
CRPR				IAMB	00 19 27.4	
OBIP	Obispo Ponce	38.00	6	P	00 19 26.7	-1.6
OBIP				IAMB	00 19 28.2	
PDRP	Patillas Dam,	38.04	7	IAMB	00 19 28.6	
SJG	San Juan	38.12	7	P	00 19 28.2	-1.1
SJG				IAMB	00 19 28.4	
BANI	BANI	38.14	1	P	00 19 27.5	-2.1
GCPR	Guaynabo City	38.32	7	IAMB	00 19 29.8	
CUPR	Culebra, Puert	38.42	8	P	00 19 29.8	-2.1
CUPR				IAMB	00 19 30.0	
STVI	Saint Thomas	38.51	9	P	00 19 31.5	-1.1
STVI				IAMB	00 19 46.7	
DR12	Loma Pena Alta	38.55	2	P	00 19 31.9	-1.1
MTDJ	Mount Denham	38.55	350	P	00 19 32.9	-0.2
MTDJ				IAMB	00 19 34.3	
TEIG	Tepeich	43.50	336	P	00 20 14.4	+0.7
TEIG						

X40A	Basin Creek Fa	58.11 339	P	P	00 22 03.6	0.0
S55A	Lewisburg	58.18 351	P	P	00 22 04.4	+0.3
R59A	King George, V	58.18 354	P	P	00 22 04.2	+0.2
UALR	University of	58.21 339	P	P	00 22 03.7	-0.6
CBN	Corbin Frederi	58.21 354	P	P	00 22 04.0	-0.2
CBN	Corbin Frederi	58.21 354	P	P	00 22 03.9	-0.4
T50A	Nancy	58.24 347	P	P	00 22 03.7	-0.8
S54A	Dingess, Beckl	58.33 350	P	P	00 22 04.8	-0.3
S54A	Dingess, Beckl	58.33 350	P	P	00 22 04.7	-0.5
S53A	Williamson	58.35 349	P	P	00 22 04.9	-0.4
R58A	Rapidan	58.37 353	P	P	00 22 05.5	+0.2
MIAR	Mount Ida	58.42 338	I	Amb	00 22 06.9	
MIAR	Mount Ida	58.42 338	P	P	00 22 05.9	+0.1
TXAR	Lajitas Arroy	58.43 326	P	P	00 22 06.4	+0.3
R57A	Stanardsville	58.43 353	P	P	00 22 06.2	+0.4
T49A	Edmonton	58.48 346	P	P	00 22 05.5	-0.6
S52A	Salyersville	58.52 349	P	P	00 22 06.1	-0.3
W41B	Gary Mavity, V	58.54 339	P	I	00 22 06.5	-0.1
W41B	Gary Mavity, V	58.54 339	P	I	00 22 06.5	-0.1
S51A	Beattyville	58.58 348	P	P	00 22 06.5	-0.3
R55A	Marlinton	58.62 351	P	P	00 22 08.1	+0.9
R56A	Bull Pasture M	58.65 352	P	P	00 22 07.8	+0.4
R54A	Victor	58.65 351	P	P	00 22 07.7	+0.3
WHAR	Woolly Hollow	58.66 339	I	Amb	00 22 08.2	
T47A	Sharon Grove	58.74 345	I	Amb	00 22 08.3	
Z35A	Perchaven, San	58.76 334	P	I	00 22 08.1	0.0
S50A	Richmond	58.78 347	P	P	00 22 07.8	-0.4
Q60A	Greensboro	58.87 355	P	P	00 22 09.2	+0.4
R53A	Hurricane	58.95 350	P	I	00 22 07.6	-1.9
R53A	Hurricane	58.95 350	P	I	00 22 15.6	
R53A	Hurricane	58.95 350	P	P	00 22 09.6	+0.1
Q58A	Fox Den Farm,	58.97 354	P	P	00 22 09.5	-0.1
LCAR	Lake Charles	59.01 341	I	Amb	00 22 10.2	
S49A	Springfield	59.07 347	P	P	00 22 09.1	-1.1
R52A	Catlettsburg	59.08 349	P	P	00 22 09.6	-0.7
W39A	Magazine	59.08 338	I	Amb	00 22 12.0	
W39A	Magazine	59.08 338	P	P	00 22 11.0	+0.6
Q57A	Strasburg	59.15 353	P	P	00 22 11.6	+0.8
FCAR	Ozark Folk Cen	59.15 340	P	I	00 22 09.9	-1.0
FCAR	Ozark Folk Cen	59.15 340	P	I	00 22 11.2	
T45A	Paducah	59.16 343	P	P	00 22 10.2	-0.7
ABTX	Ablene	59.18 332	I	Amb	00 22 12.4	
ABTX	Ablene, Hawle	59.18 332	P	P	00 22 11.2	+0.1
R51A	Hillsboro	59.22 348	P	P	00 22 10.8	-0.4
Q56A	Snyder Ridge,	59.25 352	P	P	00 22 12.5	+1.1
Q55A	Buckhannon	59.32 352	P	P	00 22 12.9	+0.9
R50A	Paris	59.35 348	P	P	00 22 11.4	-0.8
SDMD	Soldier's Deli	59.36 354	P	I	00 22 12.3	+0.2
SDMD	Soldier's Deli	59.36 354	P	I	00 22 14.0	
Q53A	Leroy	59.40 350	P	P	00 22 12.8	+0.2
Q54A	Coxs Mills	59.42 351	I	Amb	00 22 13.2	
Q54A	Coxs Mills	59.42 351	P	P	00 22 12.5	-0.1
P58A	Pank, Wackersv	59.48 354	P	P	00 22 13.4	+0.4
P59A	Jarrettsville	59.52 355	P	P	00 22 13.9	+0.6
R49A	Shelbyville	59.53 347	P	P	00 22 13.0	-0.5
P57A	Homestead Farm	59.55 353	P	I	00 22 14.2	+0.7
P57A	Homestead Farm	59.55 353	P	I	00 22 15.6	
Q52A	Bidwell	59.62 350	P	P	00 22 14.0	-0.1
P60A	Greenville	59.66 356	P	I	00 22 14.1	-0.1
P60A	Greenville	59.66 356	P	I	00 22 15.3	
P60A	Greenville	59.66 356	P	P	00 22 14.3	+0.1
P56A	Dayton Farm, R	59.66 353	P	P	00 22 14.9	+0.6
WCI	Wyandotte Cave	59.72 346	P	I	00 22 13.8	-0.9
WCI	Wyandotte Cave	59.72 346	P	I	00 22 14.7	
WCI	Wyandotte Cave	59.72 346	P	P	00 22 13.9	-0.8
PSUB	Penn St. - Bra	59.76 356	P	P	00 22 14.7	-0.2
P55A	Reedsville	59.79 352	P	P	00 22 15.7	+0.4
U40A	Yellville	59.82 339	I	Amb	00 22 16.1	
U40A	Yellville	59.82 339	P	P	00 22 15.1	-0.4
Q50A	Georgetown	59.82 348	P	P	00 22 15.2	-0.2
O61A	Allentown	59.87 357	P	P	00 22 16.2	+0.5
T42A	Van Buren	59.88 341	P	I	00 22 14.9	-0.9
T42A	Van Buren	59.88 341	P	I	00 22 15.8	
Q51A	Peebles	59.88 349	I	Amb	00 22 16.6	
Q51A	Peebles	59.88 349	P	P	00 22 15.9	+0.1
MVJ	Millersville	59.90 355	I	Amb	00 22 17.4	
MCWV	Mont Chateau	59.94 352	P	P	00 22 16.5	+0.3
S44A	Carbondale	59.96 343	I	Amb	00 22 16.8	
P54A	Burton	59.97 351	P	P	00 22 16.6	+0.1
P53A	Whipple	59.99 350	P	P	00 22 17.1	+0.6
P53A	Whipple	59.99 350	P	P	00 22 16.7	+0.1
HHAR	Hobbs	60.12 338	I	Amb	00 22 17.8	
O60A	Telford	60.15 356	P	P	00 22 17.5	0.0
Q49A	Aurora	60.16 347	P	P	00 22 16.7	-1.0
O59A	Robesonia	60.20 355	P	P	00 22 18.2	+0.3
O57A	Amberson	60.23 354	P	P	00 22 18.3	+0.1
P52A	Corning	60.26 350	P	P	00 22 17.6	-0.8

Q48A	North Vernon	60.27 347	P	P	00 22 17.3	-1.1
P51A	Williamsport	60.27 349	P	P	00 22 17.6	-0.9
MGMO	Mountain Grove	60.35 340	I	Amb	00 22 19.8	
O56A	Blue Knob Stat	60.38 353	P	P	00 22 20.1	+0.8
O55A	Ligonier	60.41 352	P	P	00 22 20.0	+0.6
LUPA	Lehigh Univer	60.42 356	P	P	00 22 19.4	-0.1
TUL1	Leonard	60.45 337	P	P	00 22 19.8	0.0
BRNJ	Basking Ridge	60.46 357	P	I	00 22 19.3	-0.4
BRNJ	Basking Ridge	60.46 357	P	I	00 22 21.3	
N61A	South Mountain	60.51 357	P	P	00 22 20.4	+0.3
O54A	Avella	60.53 352	I	Amb	00 22 20.7	
O54A	Avella	60.53 352	P	P	00 22 19.6	-0.7
P50A	Jamestown	60.53 348	P	P	00 22 19.2	-1.0
WMOK	Wichita Mounta	60.61 334	P	P	00 22 20.0	-0.9
P49A	Miami Univ, Ec	60.63 348	P	P	00 22 20.1	-0.9
SSPA	Standing Stone	60.67 354	P	P	00 22 21.5	+0.3
N60A	Cedar Hill Far	60.68 356	P	P	00 22 21.4	+0.2
O52A	Adamsville	60.68 350	P	P	00 22 20.9	-0.3
P48A	Milroy	60.71 347	P	P	00 22 20.0	-1.5
O53A	New Philadelph	60.71 351	P	P	00 22 21.3	-0.2
N58A	Sunbury	60.77 355	P	P	00 22 22.3	+0.5
N59A	State Game Lan	60.77 356	P	P	00 22 21.7	-0.2
O51A	Pataskala	60.84 350	P	P	00 22 22.0	-0.3
CCM	Cathedral Cave	60.87 342	P	I	00 22 22.2	-0.4
CCM	Cathedral Cave	60.87 342	P	I	00 22 23.1	
CCM	Cathedral Cave	60.87 342	P	P	00 22 22.4	-0.2
N55A	Marion Center	60.94 353	P	P	00 22 23.9	+0.8
ACSO	Alum Creek Sta	60.98 349	P	P	00 22 22.7	-0.7
N56A	West Decatur	60.99 353	P	P	00 22 24.1	+0.6
O50A	Cable	61.02 349	P	P	00 22 22.9	-0.7
Q44A	Meyer Farm, Va	61.03 344	P	I	00 22 22.2	-1.5
Q44A	Meyer Farm, Va	61.03 344	P	I	00 22 23.5	
M60A	Port Jarvis	61.10 357	P	P	00 22 24.5	+0.4
M62A	Harden	61.14 358	P	P	00 22 24.4	+0.1
S39A	Bolivar	61.19 340	I	Amb	00 22 25.5	
O49A	Covington	61.19 348	P	I	00 22 23.1	-1.7
O49A	Covington	61.19 348	P	I	00 22 24.3	
O49A	Covington	61.19 348	P	P	00 22 23.5	-1.2
MNTX	Cornudas Mount	61.20 326	I	Amb	00 22 25.8	
MNTX	Cornudas Mount	61.20 326	P	P	00 22 24.7	-0.3
N53A	Lisbon	61.20 351	P	I	00 22 24.6	-0.2
N53A	Lisbon	61.20 351	P	I	00 22 25.7	
N53A	Lisbon	61.20 351	P	P	00 22 24.7	-0.1
N54A	Moraine State	61.24 352	P	P	00 22 25.6	+0.5
P46A	Rosedale	61.26 346	P	I	00 22 23.5	-1.7
P46A	Rosedale	61.26 346	P	I	00 22 24.4	
M58A	Priest Panora	61.27 355	P	P	00 22 26.0	+0.7
M57A	Sunshine Farm,	61.30 354	I	Amb	00 22 26.9	
M57A	Sunshine Farm,	61.30 354	P	P	00 22 25.9	+0.5
N52A	McGinn's Farm,	61.34 351	P	P	00 22 25.3	-0.4
M59A	Waymart	61.37 356	P	P	00 22 26.2	+0.2
O48A	Farmland	61.42 347	P	P	00 22 25.4	-0.9
L63A	North Scituate	61.54 359	P	P	00 22 27.6	+0.6
N50A	Nevada	61.54 349	P	P	00 22 26.5	-0.6
M56A	Emporium	61.54 354	P	P	00 22 27.7	+0.6
N51A	Ashland	61.55 350	P	P	00 22 26.2	-0.9
N51A	Ashland	61.55 350	P	I	00 22 27.3	
N51A	Ashland	61.55 350	P	P	00 22 26.6	-0.6
M55A	Ridgway	61.59 353	P	P	00 22 28.0	+0.6
L64A	Middleborough	61.60 360	P	P	00 22 27.5	+0.1
T35A	Sooner Cattle	61.61 337	P	I	00 22 27.2	-0.5
T35A	Sooner Cattle	61.61 337	P	I	00 22 29.4	
M54A	Oil Creek Stat	61.74 352	P	P	00 22 28.7	+0.3
MSTX	Muleshoe	61.74 330	I	Amb	00 22 30.0	
MSTX	Muleshoe	61.74 330	P	P	00 22 29.0	+0.3
L60A	Shokan	61.74 357	P	P	00 22 28.7	+0.3
M53A	WI Miller and	61.80 352	P	P	00 22 28.8	-0.1
N49A	Columbus Grove	61.87 348	P	P	00 22 28.8	-0.5
L58A	Harry Jones Me	61.89 356	P	P	00 22 30.3	+0.8
L61A	Hillsdale 1, H	61.92 358	P	P	00 22 29.4	-0.2
M51A	Glyria	61.92 350	P	P	00 22 29.3	-0.3
L57A	Andrews Acres	61.93 355	P	P	00 22 30.1	+0.3
SFIN	Lafayette	61.96 346	P	P	00 22 28.4	-1.5
N48A	Decatur	61.97 348	P	P	00 22 29.2	-

G60A	Masonville	64.78 359	P	P	00 22 49.7 +1.1
G59A	Clarenceville	64.79 358	P	P	00 22 49.0 +0.5
H52A	Weyeval	64.85 353	P	P	00 22 49.0 0.0
G62A	West of Eustis	64.89 0	P	P	00 22 49.7 +0.5
G62A	West of Eustis	64.89 0	P	P	00 22 50.4 +1.2
G57A	Newington	64.89 357	P	P	00 22 49.6 +0.5
G58A	Ormstown	64.89 357	P	P	00 22 49.7 +0.5
G65A	Princeton	64.93 2	P	P	00 22 49.8 +0.4
I47A	Gladwin	64.93 349	P	P	00 22 48.7 -0.8
PKME	Peaks-Kenny Pk	64.94 1	P	P	00 22 50.0 +1.1
G61A	St-Isidore-de-	64.95 359	P	P	00 22 50.8 +1.1
I48A	Sherman Twp	64.95 350	P	P	00 22 48.9 -0.7
SCIA	State Center	65.00 342	P	P	00 22 50.0 0.0
I46A	Reed City	65.03 348	P	P	00 22 49.0 -1.1
T25A	Trinidad	65.09 331	I	I	00 22 51.0 0.0
T25A	Trinidad	65.09 331	I	I	00 22 53.1
T25A	Trinidad	65.09 331	P	P	00 22 51.9 +0.9
JFWS	Jewell Farm	65.12 344	P	P	00 22 50.2 -0.5
G55A	Calabogie	65.15 355	P	P	00 22 51.3 +0.4
G53A	Haliburton	65.19 354	P	P	00 22 51.1 0.0
H48A	Harrisville	65.39 350	P	P	00 22 51.7 -0.8
G54A	Lake Saint Pet	65.41 354	P	P	00 22 52.6 0.0
H47A	Mio	65.44 349	P	P	00 22 51.9 -0.9
214A	Organ Pipe Nat	65.52 321	I	I	00 22 53.8 +0.1
214A	Organ Pipe Nat	65.52 321	I	I	00 22 56.5
F64A	Sherman	65.56 2	P	P	00 22 54.5 +0.9
GBN	Guyssborough	65.61 7	P	P	00 22 52.5 -1.3
F61A	St Evariste	65.64 360	P	P	00 22 54.5 +0.5
F60A	Warwick	65.64 359	P	P	00 22 54.3 +0.2
I42A	Draeger Farm,	65.71 346	I	I	00 22 53.6 -1.0
I42A	Draeger Farm,	65.71 346	I	I	00 22 58.8
GLMI	Grayling	65.73 349	P	P	00 22 54.8 +0.1
H45A	Beulah	65.80 348	P	P	00 22 54.6 -0.5
X18A	Snowflake	65.81 325	P	P	00 22 55.5 -0.2
KSC0	Kaye Sheddok	65.86 333	P	P	00 22 55.8 0.0
F52A	Sundridge	65.93 353	P	P	00 22 55.7 -0.2
G47A	Hillman	65.94 350	P	P	00 22 55.4 -0.6
ALGO	Algonquin Park	65.96 354	P	P	00 22 55.8 -0.3
TRQ	Mont Tremblant	65.98 357	P	P	00 22 56.4 0.0
E58A	La Victoria	66.08 358	P	P	00 22 57.6 +0.7
SDCO	Great Sand Dun	66.09 330	I	I	00 22 59.7
SDCO	Great Sand Dun	66.09 330	P	P	00 22 58.7 +1.1
E63A	Oxbow	66.12 2	P	P	00 22 56.5 -0.6
E63A	Oxbow	66.12 2	P	P	00 22 58.0 +0.9
F51A	Arnstine	66.12 353	P	P	00 22 56.6 -0.5
G45A	Suttons Bay	66.13 348	P	I	00 22 56.2 -1.0
G45A	Suttons Bay	66.13 348	P	I	00 22 57.5
G45A	Suttons Bay	66.13 348	P	P	00 22 56.5 -0.7
I40A	Norwalk	66.13 344	P	I	00 22 56.4 -0.9
I40A	Norwalk	66.13 344	P	I	00 22 57.6
W18A	Petrified Fore	66.14 326	P	I	00 22 58.2 +0.4
W18A	Petrified Fore	66.14 326	P	I	00 23 00.3
W18A	Petrified Fore	66.14 326	P	P	00 22 59.0 +1.2
E57A	Chemin Saint G	66.15 357	P	P	00 22 57.7 +0.3
BGNE	Belgrade	66.17 338	P	P	00 22 58.1 +0.5
F49A	Sandfield	66.23 351	P	P	00 22 57.0 -0.8
G46A	Petoskey	66.25 349	P	P	00 22 57.3 -0.7
E56A	St. Veronique	66.33 357	P	P	00 22 58.6 +0.1
E53A	Dumoine, Ponti	66.34 355	P	P	00 22 58.4 -0.2
E54A	Lac Daplat, Po	66.36 355	P	P	00 22 58.5 -0.2
F48A	Evansville	66.38 351	P	P	00 22 58.1 -0.7
X16A	Lo Mia Camp, P	66.54 324	I	I	00 23 00.3 0.0
X16A	Lo Mia Camp, P	66.54 324	I	I	00 23 06.3
E51A	G1948 Merrick	66.67 353	P	P	00 23 00.6 -0.1
S22A	4UR Ranch, Cre	66.72 329	P	P	00 23 00.4 -1.1
S22A	4UR Ranch, Cre	66.72 329	P	P	00 23 02.2 +0.6
F45A	CMU Biological	66.72 349	P	P	00 23 00.2 -0.8
D57A	Chemin Vers le	66.75 358	P	P	00 23 01.7 +0.6
D63A	Stockholm	66.75 2	P	P	00 23 01.8 +0.7
D62A	Allapoint, All	66.77 1	P	P	00 23 02.0 +0.8
D58A	Chemin du LacG	66.79 358	P	P	00 23 02.0 +0.6
D56A	ZEC Mazanza, M	66.81 357	P	P	00 23 01.9 +0.3
D55A	Sainte-Anne-du	66.82 356	P	P	00 23 01.8 +0.2
D61A	St Aubert, Com	66.87 0	P	P	00 23 05.0 +3.1
E48A	Lookeyer	66.95 351	P	P	00 23 02.0 -0.5
D54A	Lac Fusel, La	67.03 356	P	P	00 23 02.4 -0.6
D53A	Lac Vavie, Po	67.04 355	I	I	00 23 04.0
D53A	Lac Vavie, Po	67.04 355	P	P	00 23 03.1 +0.1
Y14A	Wickenburg	67.07 323	P	P	00 23 04.2 +0.7
LATO	La Tuque	67.08 358	P	P	00 23 03.1 -0.2
LATO	La Tuque	67.08 358	P	P	00 23 03.7 +0.5
E47A	Iron Bridge	67.09 351	P	P	00 23 02.9 -0.5
MVCO	Mesa Verde	67.11 328	P	P	00 23 04.1 +0.1
MVCO	Mesa Verde	67.11 328	P	P	00 23 05.0 +1.0
E46A	Sault Ste Mari	67.17 350	I	I	00 23 03.8
D51A	Lot 18 Range 1	67.21 354	P	P	00 23 03.5 -0.6
OGNE	Ogallala	67.24 335	P	I	00 23 04.5 -0.1
OGNE	Ogallala	67.24 335	P	I	00 23 06.1
WUAZ	Wupatki	67.32 325	P	I	00 23 05.6 +0.3
WUAZ	Wupatki	67.32 325	P	I	00 23 08.1
WUAZ	Wupatki	67.32 325	P	P	00 23 07.2 +2.0
D50A	G1974 Best Tow	67.34 353	P	P	00 23 04.7 -0.2

GLA	Glamis	67.50 321	P	P	00 23 06.5 +0.2
GLA	Glamis	67.50 321	I	I	00 23 09.1
GLA	Glamis	67.50 321	P	P	00 23 07.9 +1.6
D48A	Paudash Townsh	67.59 352	P	P	00 23 05.9 -0.6
D46A	Sault St. Mari	67.64 350	P	P	00 23 06.0 -0.8
D47A	Chapleau	67.65 351	P	P	00 23 06.0 -1.0
E43A	Lone Tree Farm	67.67 348	I	I	00 23 07.1
E44A	Grand Marais A	67.70 349	P	P	00 23 07.0 -0.1
ECSDD	EROS Data Cent	67.71 340	P	P	00 23 07.2 -0.1
ISCO	Idaho Springs	67.81 332	P	P	00 23 09.4 +1.0
Y12C	Blythe	67.81 321	I	I	00 23 11.0
Y12C	Blythe	67.81 321	P	P	00 23 10.1 +1.9
SPMM	Marine on St	67.94 343	I	I	00 23 09.1
SPMM	Marine on St	67.94 343	P	P	00 23 08.3 -0.5
SPMM	Marine on St	67.94 343	P	P	00 23 10.7 +1.4
PDMCI	Parker Dam,Lak	67.99 322	P	P	00 23 09.9 +0.3
PV15	Paradox Valley	67.99 329	P	I	00 23 12.2
PV15	Paradox Valley	67.99 329	P	I	00 23 11.6 +2.1
IKP	In-Ko-Pah, Jac	67.99 320	P	P	00 23 11.1 +1.6
SWSC	Sam W. Stewart	68.00 320	P	P	00 23 11.4 -0.3
PV02	Paradox Valley	68.01 328	P	P	00 23 08.5 -1.1
PV13	Radium Mtn., P	68.01 328	P	P	00 23 09.7 +0.1
PV05	Paradox Valley	68.09 328	P	P	00 23 10.0 -0.1
PV03	Paradox Valley	68.10 328	P	P	00 23 10.7 +0.5
PV18	Rock Mesa, Pa	68.12 328	P	P	00 23 08.1 +1.8
PV12	Saucer Basin	68.13 328	P	P	00 23 10.0 -0.4
PV07	Saucer Valley	68.14 329	P	P	00 23 09.7 -0.8
PV11	David Mesa, Pa	68.15 328	P	P	00 23 10.1 -2.4
PV17	East Wray Mesa,	68.17 328	P	P	00 23 08.5 -0.2
BC3	Big Truck Peak	68.29 321	P	P	00 23 13.3 +1.9
MONP2	Monument Pkall	68.35 320	P	P	00 23 13.3 +1.5
MONP2	Monument Pkall	68.35 320	P	P	00 23 11.4 -0.3
BAR	Barrett	68.35 319	P	I	00 23 14.6
BAR	Barrett	68.35 319	P	I	00 23 12.5
W13A	Hualapai Mount	68.41 323	P	P	00 23 12.5 +0.3
PV09	Paradox Valley	68.43 328	P	P	00 23 12.2 -0.2
IRM	Iron Mountain	68.46 321	P	P	00 23 14.3 +2.0
U15A	North Rim	68.49 325	P	I	00 23 13.2 +0.4
U15A	North Rim	68.49 325	P	I	00 23 15.9
N23A	Red Feather La	68.84 332	P	I	00 23 14.8 -0.1
N23A	Red Feather La	68.84 332	P	I	00 23 16.9
N23A	Red Feather La	68.84 332	P	P	00 23 15.8 +0.9
BELC	Belle Mtn.-Jos	68.86 321	P	P	00 23 16.7 +1.8
XPFO	Pion Flat	68.86 320	I	I	00 23 15.9 +1.0
XPFO	Pion Flat	68.86 320	I	I	00 23 17.9
PFO	Pinyon Flats 0	68.86 320	P	I	00 23 15.9 +0.9
PFO	Pinyon Flats 0	68.86 320	P	I	00 23 17.9
PFO	Pinyon Flats 0	68.86 320	P	P	00 23 16.9 +2.0
LSQO	Lebel-sur-Quev	68.95 356	P	P	00 23 15.1 +0.1
GMRC	Granite Mounta	69.20 322	P	P	00 23 19.1 +2.0
KNB	Knab	69.22 325	P	P	00 23 18.1 +1.0
PKCU	Pink Cliffs	69.26 326	P	P	00 23 18.1 +0.5
O20A	White River Ci	69.28 330	I	I	00 23 17.1 -0.5
O20A	White River Ci	69.28 330	I	I	00 23 19.8
O20A	White River Ci	69.28 330	P	P	00 23 18.7 +1.2
LCMT	Little Creek M	69.44 325	P	P	00 23 19.4 +0.9
SRU	San Rafael Swe	69.59 328	P	P	00 23 19.0 0.0
LIC	Lamto	69.61 75	eP	P	00 23 18.6 -1.3
HEC	Hector Ludlow	69.63 321	P	P	00 23 21.8 +2.1
MTPU	Mont Pierson	69.64 326	P	P	00 23 20.9 +0.9
MATO	Matagami	69.70 355	P	P	00 23 19.3 -0.3
Q16A	Castle Valley	69.77 327	P	P	00 23 20.8 +0.2
TIC	Toumoui	69.79 75	eP	P	00 23 19.6 -1.4
TUQ	Turquoise Moun	69.82 322	P	P	00 23 22.7 +1.8
CCUT	Cedar City	69.90 325	P	P	00 23 22.3 +0.9
KIC	Kosan Boka	69.93 75	eP	P	00 23 20.6 -1.2
DBIC	Dimbokro	69.95 75	eP	P	00 23 21.1 -0.8
DBIC	Dimbokro	69.95 75	I	I	00 23 21.9
P17A	Butcher Ranch,	69.98 328	P	P	00 23 22.1 +0.3
MSU	Marysval	69.98 326	P	P	00 23 22.9 +1.0
BFSO	Mount Baldy Ra	70.02 320	P	P	00 23 23.5 +0.4
TMUT	Trail Mountain	70.08 328	P	P	00 23 23.6 +1.0
SHPR	Sheep Range	70.14 323	P	I	00 23 24.1 +1.2
SHPR	Sheep Range	70.14 323	P	I	00 23 25.8
EYMM	Ely	70.14 345	P	P	00 23 21.9 -0.5
GSPA	South Pole Qui	70.20 180	P	I	00 23 23.3 +0.5
GSPA	South Pole Qui	70.20 180	P	I	00 23 30.5
GSC	Goldstone, B	70.24 321	P	P	00 23 23.7 +0.3
GSC	Goldstone, B	70.24 321	P	P	00 23 25.2 +1.9
RDMU	Red Mountain	70.25 329	P	P	00 23 23.5 0.0
PASC	Pasadena Art C	70.29 320	I	I	00 23 26.6 +1.1
PASC	Pasadena Art C	70.29 320	I	I	00 23 26.6
SHOC	Shoshone, Teco	70.34 322	P	P	00 23 26.3 +2.3
DECO	Green Verdugo	70.44 320	P	P	00 23 26.8 +2.2
SNCC	San Nicolas Is	70.51 318	P	P	00 23 23.9 -1.1
K22A	Casper	70.52 333	I	I	00 23 25.4 +0.4
K22A	Casper	70.52 333	I	I	00 23 27.0
K22A	Casper	70.52 333	P	P	00 23 25.9 +0.8
EDW2	Edwards Air Fo	70.66 320	P	P	00 23 27.3 +1.4
ROSA	Rosais	70.67 34	P	P	00 23 26.1 +0.3
RSSD	Black Hills	70.71 335	P	P	00 23 27.4 +1.2
RSSD	Black Hills	70.71 335	P	I	00 23 28.5
RSSD	Black Hills	70.71 335	P	P	00 23 27.2 +0.9
BLGD	Laguna Peak, P	70.79 319	P	P	00 23 28.4 +1.7
TPNV	Topopah Spring	71.07 323	P	I	00 23 28.9 +0.4
TPNV	Topopah Spring	71.07 323	P	I	00 23 31.8
TPNV	Topopah Spring	71.07 323	P	P	00 23 30.7 +2.2
FURC	Furnace Creek	71.08 322	P	P	00 23 30.2 +1.8
MPMC	Manual Prospec	71.16 321	P	P	00 23 30.5 +1.4
JLU	Jordanelle	71.19 328	P	P	00 23 29.9 +0.6
CTU	Comp Tracy	71.41 328	P	P	00 23 30.9 +0.5
ISA	Isabella, Lake	71.48 321			

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Table with columns: ASAR, Alice Springs, 130.42 210, PKP, PKPdf, 00 31 21.4 0.0, etc. Includes various station names and coordinates.

TAP 17 00:32:56.6, 24.46N, 121.95E, h12km, ML2.5, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Suao, EOST, ENA, etc.

2014 MAR

Table with columns: TWT, Tachien, 0.74 254 eP, Pn, 00 33 12.3 -0.7, etc. Lists stations like Tachien, TDCB, YMO1, etc.

JMA 17 00:33:19.1-0.5, 24.36N, 123.53E, h17km, 3km, M1.3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Iriomote-Funau, HATJ, etc.

IDC 17 00:35:25.2-0.5, 4.05S, 100.44E, h0km, mb4.6/28, mb1 4.6/31, mb1mx4.5/9, mbtmp4.6/31, ML4.2/3, MS3.9/4, MS1 3.9/4, ms1mx3.6/41, Error ellipse: s-maj=19.0km s-min=10.9km az=49.0

KLM 17 00:35:26.0, 4.12S, 100.30E, h10km, mb5.0, NEIC 17 00:35:26.5, 1.9, 4.10S, 100.06E, 100.40E, 0.07, h11km, 3km, mb4.9/65, Error ellipse: s-maj=10.0km s-min=9.0km

MOS 17 00:35:29.1-0.9, 3.94S, 100.54E, h36km, mb5.0/35, Error ellipse: s-maj=10.4km s-min=6.7km az=106.3

DJA 17 00:35:30.0, 0.7, 4.2S, 101.0E, h23km, 6km, M4.9/36, mb5.1/36, mb5.4/17, MLV5.0/18, Mw(mB)4.8/17

ISC 17 00:35:29.2-0.3, 4.08S, 100.04E, 100.40E, 0.04, h27km, n277, c176/282, mb4.8/88, MS4.5/5, 19C-5D, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Pulau Pagai, Kerinci, Manna, etc.

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Table with columns: PBKT, Alice Springs, 20.53 2 P, Pn, 00 40 04.0 -0.8, etc. Lists stations like Basing, Sumba, MMRI, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like FLOEC, VILC, SJCC, RUSC, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like FRU1, HRA, SMLA, AYAN, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like PB06, LVC, LVC, LVC, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like IDC, NEIC, GUC, VAO, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like SJA, IDC, NEIC, GUC, VAO, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like P43A, PV13, P13, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, DZM, CTA, WRA, ASAR, PETK, CMAR, SONM, NVAR, ILAR, YKA, ARCES, CONA, ARSA, MOA, SOKA, OBKA, KBA, MYKA, WATA, ABTA, WTTA, MOTA, RETA, SOTA, FETA, DAVA.

INET 1701:08:28.6, 11:13N:85:85W, h67km, ML2.5
UCR 1701:08:28.2, 11:112N:85:86W, h71km, MD3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GB1A, BUEV, NY14, BUAI, GPS3, GOLC, CUI, GUAI, PLVR, ACAL, PTEN, JTS, CEDE.

SJA 1701:14:21.5, 1.0, 19:90S:71:13W, h8km, 6km, ML3.7, MW3.5
IDC 1701:14:27.6, 1.1, 19:79S:70:49W, h0km, mb3.6/5, mb1.4/0.6, mb1mx3.7/3.4, mbtm3.6/6, ML3.6/1, Error ellipse: s-maj=58.0km s-min=22.6km az=52.0

GUC 1701:14:28.2, 0.8, 20:03S:70:88W, h28km, 5km, ML3.7
ISC 1701:14:27.1, 1.6, 19:98S:03:70.82W, h2km, 10km, n36, i1922/45, mb3.7/5, 3C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PASC, PSGC, PSCGX, PATCX, TA01, PB11, PB12, G001, PB08, PB02, PB07, PB04, PB05, PB06, LVC, LVC, LVC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB15, LPZA, PB14, YJA, SIV, TXAR, PDAR, NVAR, TORD, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, MKAR, SONM.

DDA 1701:19:32.9, 34:69N:33:04E, h3km, 3km, ML2.0
NIC 1701:19:33.5, 0.0, 34:62N:33:31E, h14km, 5km, ML2.7/2
GIL 1701:19:33.1, 0.0, 34:59N:33:24E, h18km, 1km, ML2.3/3

n44, i093/67, Cyprus region
ISC 1701:19:32.5, 1.1, 34:37N:03:33.27E, h0.03, h12km, 8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASGA, SZAC, SZAC, SZAC, SZAC, AKDN, ALFC, EREN, EREN, EREN, EREN, TEKE, TEKE, AKKU, AKKU, GULN, GULN, GULN, IKL, IKL, OSC2, BERE, GAZI, GAZI, GAZI, GAZI, TEVE, KEBE, KIZK, KIZK, KIZK, KIZK, ERMK, ERMK, ERMK, ERMK, MMA08, KSDI, NATI, NATI, NATI, NATI, MERS, MERS, KEZP, KEZP, KEZP, MML1, KERG, KERG, KERG, GULE, GULE, GULE, HMDT, HMDT, KAR, KAR, AMAZ, AMAZ, CMRD, CMRD, DSI, DSI, PRNI, PRNI, PRNI, HRFI, HRFI, HRFI, EIL, EIL, EIL.

ISC 1701:19:32.9, 34:69N:33:04E, h3km, 3km, ML2.0
NIC 1701:19:33.5, 0.0, 34:62N:33:31E, h14km, 5km, ML2.7/2
GIL 1701:19:33.1, 0.0, 34:59N:33:24E, h18km, 1km, ML2.3/3

n44, i093/67, Cyprus region
ISC 1701:19:32.5, 1.1, 34:37N:03:33.27E, h0.03, h12km, 8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLAI, WSI, BASI, MMRI, SRBI, JAGI, SOEI, SOEI, FITZ, WRA, ASAR, SONM, MKAR, SJA, GUC, IDC, ISC, PASC, PSGC, TA01, PATCX, PB11, PB12, G001, PB08, PB02, PB07, PB04, PB05, PB06, LVC, LVC, LVC, G001, G001.

mb1 3.9/6, mb1mx3.6/5.5, mbtm3.7/6, MS4.1/3, MS1.4/1.3, ms1mx3.1/6.2, Error ellipse: s-maj=46.3km s-min=28.1km az=104.0
NEIC 1701:27:44.3, 2.6, 12:34N:0:06:144:7E:0:2, h35km, 2km, mb4.0/2, Error ellipse: s-maj=31.2km s-min=10.1km az=96.0

ISC 1701:27:44.1, 0.8, 12:41N:0:10:144:6E:0:1, h30km, n19, i156/15, mb3.7/7, MS4.2/3, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, PATS, MTR, WRA, FITZ, MKAR, MKAR, MKAR, MKAR, KURK, KURK, KURK, KURB, BRKL, IMAR, ILAR, ILAR, TOLK, ABKAR, BBB, YKA, FINES, HFS.

IDC 1701:28:15.3, 1.2, 19:81S:70:72W, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.6/3.1, mbtm3.8/6, ML3.8/2, Error ellipse: s-maj=36.9km s-min=22.9km az=90.0

ISC 1701:28:15.1, 1.2, 19:82S:0:10:70W:0:2, h44km, n14, i053/8, mb3.8/4, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC, LVC, LPAZ, SIV, PAGA, QSPA, TORD, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, MKAR.

IDC 1701:30:42.9, 9.9, 8:78S:118:85E, h134km, 112km, mb3.1/3, mb1 3.1/5, mb1mx2.9/5.2, mbtm3.3/5, ML3.4/2, Error ellipse: s-maj=132.0km s-min=41.4km az=51.0

DJA 1701:30:42.0, 0.4, 8:56S:111:9E, h148km, 6km, M3.8/8, mb3.8/3, ML3.8/8

ISC 1701:30:43.7, 0.9, 8:65S:0:1:19:23E:0:05, h156km, n12, i189/18, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLAI, WSI, BASI, MMRI, SRBI, JAGI, SOEI, SOEI, FITZ, WRA, ASAR, SONM, MKAR.

SJA 1701:32:00.8, 0.9, 20:05S:70:86W, h20km, 6km, ML3.6, MW3.8

GUC 1701:32:02.1, 0.6, 20:02S:70:85W, h10km, 5km, ML3.8
IDC 1701:32:04.1, 1.0, 19:94S:70:69W, h18km, 5km, mb3.7/2, mb1 3.8/4, mb1mx3.4/3.8, mbtm3.8/4, ML3.6/2, Error ellipse: s-maj=40.0km s-min=24.0km az=90.0

ISC 1701:32:01.2, 2.1, 20:01S:0:03:70.88W:0:06, h9km, 6km, n37, i1925/49, 4C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PASC, PSGC, TA01, PATCX, PB11, PB12, G001, PB08, PB02, PB07, PB04, PB05, PB06, LVC, LVC, LVC, G001, G001.

17d 1h

Table with columns: Code, Station Name, Az, El, Pn, S, I, S, Time, Res. Includes stations like IPOC Station P, Chacalluta, Limon Verde, etc.

SJA 17:01:34:54.0.1.1, 19:98Sx70:88W, h13km,6km, ML4,9, MW5.1

ICD 17:01:34:55.0.0.4, 19:80Sx70:63W, h0km, mb4.8/24, mb1 4.9/29, mb1mx4.8/43, mb1mp4.8/29, ML3.9/5, MS4.2/19, MS1 4.2/19, ms1mx4.0/37, Error ellipse: s-maj=15.3km s-min=10.3km

NEIC 17:01:34:55.3.2.3, 19:96Sx0:05W, h10km, 1km, mb5.2/279, Mwr4.9/17, Mww5.2, ML4.8(GUC), Error ellipse: s-maj=9.2km s-min=8.6km az=169.0

GUC 17:01:34:56.3.0.5, 19:98Sx70:86W, h39km, 5km, ML4.8 NEIC 17:01:34:56, 19:96Sx70:76W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr:2.93; Mw:0.28; Mw:2.64; Mw:0.13; Mw:0.85; Mw:1.41; Fault plane solution: Ms:2.5000x10^16 NP1:3x2.250000, 3.32560000, 1.99.030000, NP2:3x1.92560000, 6.57.890000, 1.84.270000, Principal axes: T 3.2663, Plg76.0000, Azm85.0000, N -0.0340, Plg5.0000, Azm196.0000; P -3.2323, Plg13.0000, Azm187.0000;

BJJ 17:01:34:57.0.0.0, 19:90Sx70:80W, h10km, mb5.3/3, Ms5.2/5, Ms7 4.9/6

MOS 17:01:34:57.2.1.3, 19:89Sx70:81W, h29km, mb5.3/23, Error ellipse: s-maj=12.2km s-min=7.0km az=99.6

GCMT 17:01:35:00.3.0.4, 19:84Sx0:03W, 1.01W, h2.02, h22km, 1km, MW5.2/75, Moment Tensor Solution. s23,c27, s75,c99; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:6.09x.47; Mw:0.39x.24; Mw:5.0x.30; Mw:3.57x.44; Mw:1.27x.16; Mw:0.12x.38; Best double couple: Mw:6.86700x10^16, NP2:3x2.000000, 0.46.000000, 0.56.000000, NP2:3x2.000000, 0.53.000000, 1.20.000000, Principal axes: T 7.7010, Plg66.0000, Azm187.0000; N -1.6630, Plg24.0000, Azm17.0000; P -6.0330, Plg4.0000, Azm285.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 17:01:35:01, 20:06Sx70:96W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr:4.65; Mw:0.31; Mw:4.95; Mw:0.63; Mw:0.46; Mw:4.59; Fault plane solution: Ms:6.70000x10^16 NP1:3x2.16000000, 6.67.000000, 1.82.000000, NP2:3x1.50000000, 8.24.000000, 1.07.000000, Principal axes: T 6.5824, Plg67.0000, Azm72.0000; N 0.2197, Plg7.0000; Azm179.0000; P -6.8022, Plg22.0000, Azm272.0000;

VAO 17:01:35:01.8.0.7, 19:93Sx70:58W, h54km, 6km, mb4.9

ISC 17:01:34:54.7.0.8, 19:96Sx0:02W, 70.90W, 0.04, h7km, 4km, n823, c1928/749, mb5.2/161, MS4.3/21, 3C-10D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, El, Pn, S, I, S, Time, Res. Includes stations like Pisagua, Diego Aracena, Punta Patache, etc.

2014 MAR

Table with columns: Code, Station Name, Az, El, Pn, S, I, S, Time, Res. Includes stations like Chusmiza, IPOC Station P, Chacalluta, etc.

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Table with columns: Code, Station Name, Az, El, Pn, S, I, S, Time, Res. Includes stations like Orta, Yotoco, BSCM, etc.

NATX	baz=174 Nacogdoches	56.25 336	P	P	01 44 36.7 +0.9	R50A	baz=170 Paris	59.29 348	P	P	01 44 56.7 -0.4	M56A	Emporium	61.50 354	P	P	01 45 12.7 +0.4
V55A	baz=153 Taylorsville	56.36 350	P	P	01 44 37.4 +0.8	Q53A	baz=165 Leroy	59.35 350	P	P	01 44 57.3 -0.2	L63A	North Scituate	61.52 359	P	P	01 45 12.5 +0.2
U59A	baz=168 Littleton	56.39 353	P	P	01 44 37.4 +0.7	Q54A	baz=168 Cox Mills	59.37 351	P	P	01 44 57.6 -0.1	T35A	Sooner Cattle	61.52 337	I Amb	I Amb	01 45 14.8
V54A	baz=172 Nebo	56.41 349	P	P	01 44 37.4 +0.4	P58A	baz=169 Pank, Wackersv	59.44 354	P	P	01 44 58.8 +0.7	M55A	Ridgway	61.55 353	P	P	01 45 13.0 +0.4
U58A	baz=167, SNR=5.2 Oxford	56.52 353	P	P	01 44 38.9 +1.2	R49A	baz=164 Shelbyville	59.48 347	P	P	01 44 58.2 -0.2	MSTX	Muleshoe	61.63 330	I Amb	I Amb	01 45 17.7
W50A	baz=171 Signal Mountai	56.54 346	I Amb	I Amb	01 44 45.1	P59A	baz=174 Jarettsville	59.49 355	P	P	01 44 59.2 +0.8	MSTX	Muleshoe	61.63 330	P	P	01 45 13.7 +0.3
435B	comp=Z,17nm,0.9s Jarell	56.60 332	P	P	01 44 39.1 +0.7	P57A	baz=172 Hoststead Farm	59.51 354	P	P	01 44 59.5 +0.9	M54A	Oil Creek Stat	61.69 353	P	P	01 45 13.7 +0.2
TKL	baz=150 Tuckaleechee C	56.65 347	P	P	01 44 38.4 -0.2	Q52A	baz=172 Bidwell	59.57 350	P	P	01 44 59.2 +0.1	L60A	Shokan	61.71 357	P	P	01 45 13.5 -0.1
TKL	comp=Z,18nm,0.9s, baz=140, slow=9.0, SNR=11 Tuckaleechee C	56.65 347	I Amb	I Amb	01 44 39.4	P56A	baz=168 Dayton Farm, R	59.62 353	P	P	01 45 00.5 +1.2	M53A	WI Miller and	61.76 352	P	P	01 45 14.1 +0.1
U57A	comp=Z,25nm,1.0s Blanch	56.65 352	P	P	01 44 39.4 +0.8	P60A	baz=171, SNR=5.4 Greenville	59.63 356	P	P	01 44 59.7 +0.4	N49A	Columbus Grove	61.82 349	P	P	01 45 13.8 -0.5
SWET	baz=170 Sewanee	56.70 345	I Amb	I Amb	01 44 45.9	WCI	baz=175 Wyandotte Cave	59.66 346	P	P	01 44 59.5 -0.2	L58A	Harry Jones Me	61.86 356	P	P	01 45 15.2 +0.6
U56A	comp=Z,19nm,0.8s King	56.72 351	P	P	01 44 40.2 +1.1	WCI	comp=Z,37nm,1.3s Wyandotte Cave	59.66 346	P	P	01 44 59.5 -0.2	L57A	Andrews Acres	61.89 355	P	P	01 45 15.5 +0.7
V52A	baz=169 Sevierville	56.79 348	I Amb	I Amb	01 44 43.4	WCI	comp=Z,37nm,1.2s Wyandotte Cave	59.66 346	P	I Amb	01 45 03.8	SFIN	Lafayette	61.90 346	P	P	01 45 13.8 -1.1
Z41A	comp=Z,39nm,1.1s Richland Creek	56.90 338	I Amb	I Amb	01 44 49.5	WCI	baz=163 Wyandotte Cave	59.66 346	P	P	01 44 59.4 -0.3	N48A	Decatur	61.92 348	P	P	01 45 13.9 -1.1
Z41A	comp=Z,36nm,1.0s Richland Creek	56.90 338	P	P	01 44 41.4 +1.0	U40A	baz=163 Yellville	59.74 340	I Amb	I Amb	01 45 04.3	M52A	Chesterland	61.95 351	P	P	01 45 14.9 -0.3
OXF	baz=159 Oxford	56.96 342	P	P	01 44 41.1 +0.2	U40A	comp=Z,22nm,1.1s Yellville	59.74 340	P	P	01 45 00.3 0.0	L59A	Walton	61.96 357	P	P	01 45 16.1 +0.8
T59A	Double "B" Far	56.97 354	P	P	01 44 41.3 +0.5	P55A	baz=156, SNR=9.4 Reedsville	59.74 352	P	P	01 45 00.7 +0.4	U32A	Winter Ranch,	62.02 335	I Amb	I Amb	01 45 17.3
T58A	baz=172, SNR=7.0 Grand View Acr	57.06 353	P	P	01 44 42.2 +0.7	Q50A	baz=170 Georgetown	59.77 348	P	P	01 45 00.2 -0.2	BINY	Binghamton	62.03 356	P	P	01 45 16.5 +0.8
U54A	comp=Z,43nm,1.1s Nelsons Funny	57.12 350	I Amb	I Amb	01 44 46.2	Q51A	comp=Z,15nm,0.8s Peebles	59.83 349	I Amb	I Amb	01 45 07.8	N47A	Urbana	62.07 347	P	P	01 45 15.5 -0.5
U57A	baz=168, SNR=5.4 Nelsons Funny	57.12 350	P	P	01 44 42.4 +0.4	Q51A	comp=Z,15nm,0.8s Peebles	59.83 349	P	P	01 45 01.0 +0.2	M50A	Fremont	62.08 350	P	P	01 45 15.7 -0.4
T54A	comp=Z,26nm,0.9s Hurt	57.20 352	I Amb	I Amb	01 44 44.3	MVL	Millersville	59.87 355	I Amb	I Amb	01 45 08.7	L56A	Greenwood	62.09 354	P	P	01 45 16.8 +0.6
T57A	baz=170 Hurt	57.20 352	P	P	01 44 43.2 +0.7	S44A	comp=Z,24nm,1.0s Carbondale	59.89 343	I Amb	I Amb	01 45 02.2	L61B	Northampton	62.12 359	P	P	01 45 16.6 +0.3
JCT	baz=147 Junction City	57.34 330	P	P	01 44 44.1 +0.4	MCWV	comp=Z,29nm,0.9s Mont Chateau	59.90 352	I Amb	I Amb	01 45 03.1	VNA3	Neumayer Olymp	62.12 161	P	P	01 45 17.4 +1.3
V48A	comp=Z,43nm,1.3s Smith Brothers	57.42 345	I Amb	I Amb	01 44 47.8	MCWV	comp=Z,18nm,0.9s Mont Chateau	59.90 352	P	P	01 45 01.9 +0.6	HRV	Adam Dzewiowski	62.16 359	pmax	pmax	01 45 17.1 +0.5
X43A	baz=158 Harvell	57.42 340	P	P	01 44 44.3 +0.2	P54A	baz=173 Burdett	59.92 351	P	P	01 45 02.1 +0.6	HRV	Adam Dzewiowski	62.16 359	P	P	01 45 16.9 +0.3
TZ1N	baz=158 Tazewell	57.46 348	P	P	01 44 44.7 +0.3	P54A	comp=Z,17nm,1.1s Whipple	59.95 351	I Amb	I Amb	01 45 03.0	L53A	Girard	62.21 352	P	P	01 45 16.9 -0.1
W45A	baz=166 Hickory Valley	57.50 342	I Amb	I Amb	01 44 51.8	P53A	comp=Z,22nm,0.9s Whipple	59.95 351	P	P	01 45 02.1 +0.5	L55A	Hinsdale	62.22 354	P	P	01 45 17.6 +0.5
T55A	baz=169, SNR=5.1 Pulaski	57.53 351	P	P	01 44 45.4 +0.5	HHAR	baz=168 Hobbs	60.03 339	I Amb	I Amb	01 45 06.6	M49A	Liberty Center	62.31 349	P	P	01 45 17.4 -0.3
BLA	baz=169 Blacksburg	57.57 351	P	P	01 44 45.7 +0.5	O58A	comp=Z,28nm,1.2s Levisberry	60.04 355	P	P	01 45 02.7 +0.4	K60A	Five Rivers En	62.33 358	P	P	01 45 18.0 +0.4
WHTX	baz=150 Lake Whitney	57.59 333	P	P	01 44 46.2 +0.9	Q49A	baz=165 Aurora	60.10 347	P	P	01 45 02.6 -0.1	ERPA	Erie	62.34 352	P	P	01 45 18.6 +0.8
T54A	baz=168 Tazewell	57.60 350	P	P	01 44 45.8 +0.4	O60A	baz=175 Telford	60.11 356	P	P	01 45 03.4 +0.7	K63A	Dunstable	62.34 359	P	P	01 45 18.4 +0.7
S60A	baz=174 Water View	57.61 355	P	P	01 44 46.4 +1.0	O59A	baz=174 Robsonia	60.16 355	P	P	01 45 03.8 +0.7	VNA1	Robeser-Stat	62.35 160	P	P	01 45 19.3 +1.7
CLTN	comp=Z,21nm,1.0s Cedars of Leba	57.63 345	I Amb	I Amb	01 44 46.5	O57A	baz=174 Amberson	60.19 354	P	P	01 45 03.7 +0.4	K61A	Williamstown	62.35 358	P	P	01 45 18.8 +0.9
S58A	baz=172 Poland Farm, P	57.66 353	P	P	01 44 46.5 +0.8	P52A	baz=168 Corryng	60.21 350	P	P	01 45 02.9 -0.5	L54A	Sinclairville	62.37 353	P	P	01 45 18.8 +0.8
T53A	baz=172 Wise	57.69 349	P	P	01 44 46.3 +0.3	Q48A	baz=164 North Vernon	60.21 347	P	P	01 45 03.0 -0.4	K59A	Coerston	62.53 357	P	P	01 45 20.0 +0.9
S59A	baz=167 Mechanicsville	57.73 354	P	P	01 44 47.0 +0.8	P51A	baz=164 Williamsport	60.22 349	I Amb	I Amb	01 45 04.0	K58A	Earlville	62.56 356	P	P	01 45 19.9 +0.5
T52A	baz=166 Hallie	57.90 349	P	P	01 44 47.4 0.0	P51A	comp=Z,16nm,0.9s Williamsport	60.22 349	P	P	01 45 02.9 -0.5	HDIL	Hopewell	62.59 344	P	P	01 45 19.1 -0.4
S56A	baz=170 Natural Bridge	57.91 352	P	P	01 44 48.0 +0.4	U38A	baz=167 Gravette	60.33 338	I Amb	I Amb	01 45 08.5	K57A	Scipio Center	62.59 355	P	P	01 45 19.9 +0.3
S57A	comp=Z,26nm,0.9s Dark Hollow, R	57.91 352	P	P	01 44 48.3 +0.8	O56A	comp=Z,17nm,1.1s Blue Knob Stat	60.34 353	P	P	01 45 05.6 +1.2	K56A	Middlesex	62.63 355	P	P	01 45 20.3 +0.5
T51A	baz=171 Gray	57.94 348	P	P	01 44 48.2 +0.4	TUL1	baz=168 Leonard	60.36 337	P	P	01 45 04.9 +0.4	K54A	Basiliko Farm,	62.67 354	P	P	01 45 20.6 +0.6
R58B	baz=165 Mineral	57.99 354	I Amb	I Amb	01 44 50.0	O55A	baz=153, SNR=9.1 Leonard	60.37 353	P	P	01 45 05.2 +0.7	VNA2	Neumayer-Watz	62.71 161	P	P	01 45 21.2 +1.2
R58B	comp=Z,29nm,1.1s Mineral	57.99 354	P	P	01 44 48.7 +0.7	P50A	baz=171, SNR=7.0 Jamestown	60.47 349	P	P	01 45 05.1 -0.1	K55A	Perry	62.73 354	P	P	01 45 20.9 +0.5
WVT	baz=172 Waverly	58.04 344	P	P	01 44 48.0 -0.4	O54A	baz=166 Aversley	60.48 352	P	P	01 45 05.0 -0.3	L48A	N Adams	62.85 349	P	P	01 45 20.7 -0.5
WVT	comp=Z,22nm,1.0s Waverly	58.04 344	P	pmax	01 44 48.0 -0.4	N61A	baz=170 South Mountain	60.48 357	P	P	01 45 05.0 -0.2	P38A	Dawn	62.94 341	I Amb	I Amb	01 45 29.2
WVT	comp=Z,22nm,0.9s Waverly	58.04 344	P	P	01 44 48.2 -0.2	WMOK	baz=176 Wichita Mounta	60.51 334	P	P	01 45 06.0 +0.4	121A	Cookes Peak, D	63.00 325	I Amb	I Amb	01 45 25.4
UALR	baz=161 University of	58.13 339	I Amb	I Amb	01 44 54.0	P49A	baz=165 Miami Univ. Ec	60.58 348	P	P	01 45 05.6 -0.3	121A	Cookes Peak, D	63.00 325	P	P	01 45 24.5 +1.8
S55A	comp=Z,61nm,1.6s Lewisburg	58.13 351	P	P	01 44 49.9 +0.7	O52A	baz=165 Adamsville	60.63 350	P	P	01 45 06.1 -0.2	L47A	Sherwood	63.03 348	P	P	01 45 21.3 -1.1
R59A	baz=169, SNR=5.7 King George, V	58.15 354	P	P	01 44 49.9 +0.8	SSPA	comp=Z,30nm,1.1s Standing Stone	60.63 354	P	P	01 45 06.5 +0.2	K52A	Tiltsburg	63.08 352	P	P	01 45 22.9 +0.2
T50A	baz=173 Nancy	58.18 347	P	P	01 44 49.1 -0.3	SSPA	comp=Z,30nm,1.1s Standing Stone	60.63 354	P	P	01 45 06.4 +0.2	ACCN	Adirondack Com	63.08 358	I Amb	I Amb	01 45 27.9
S54A	baz=164 Dingess, Beckl	58.28 350	I Amb	I Amb	01 44 57.3	P48A	baz=172 Milroy	60.65 347	P	P	01 45 06.0 -0.4	J58A	Remsen	63.14 356	I Amb	I Amb	01 45 29.1
S54A	comp=Z,20nm,0.8s Dingess, Beckl	58.28 350	P	P	01 44 50.1 -0.1	O53A	baz=164 New Philadelph	60.67 351	P	P	01 45 06.7 +0.1	J56A	Wolcott	63.14 356	P	P	01 45 23.6 +0.4
S53A	baz=168 Williamson	58.30 350	P	P	01 44 50.0 -0.3	PAL	baz=169 Palisades	60.72 357	P	P	01 45 07.2 +0.4	J59A	baz=174 Pleasant	63.20 357	P	P	01 45 24.4 +0.9
TXAR	comp=Z,5.2nm,0.7s, baz=147, slow=8.2, SNR=48 Lajitas Array	58.31 326	P	P	01 44 51.5 +0.8	N58A	baz=177 Sunbury	60.73 355	I Amb	I Amb	01 45 11.8	J57A	Williamstown	63.23 356	I Amb	I Amb	01 45 25.2
TXAR	comp=Z,85nm,18.1s, baz=0.0, slow=96 Lajitas Array	58.31 326	P	LR	02 09 34.8	N58A	comp=Z,35nm,1.1s Sunbury	60.73 355	P	P	01 45 07.3 +0.4	J57A	Williamstown	63.23 356	P	P	01 45 23.9 +0.1
TXAR	comp=Z,32nm,1.2s Lajitas Array	58.31 326	P	P	01 44 51.2 +0.5	N59A	baz=174 State Game Lan	60.73 356	P	P	01 45 07.6 +0.5	J55A	Hilton	63.23 354	P	P	01 45 23.8 +0.1
R58A	baz=172 Rapidan	58.33 353	P	P	01 44 51.2 +0.5	O51A	baz=175 Pataakala										

H62A	Milan	64.22 360	P	P	01 45 31.6 +1.3
H60A	Morristown	64.23 359	P	P	01 45 30.8 +0.5
H57A	Richie	64.24 356	P	P	01 45 30.3 -0.1
I52A	Shelburne	64.28 353	P	P	01 45 30.6 -0.1
H64A	Troy	64.31 1	P	P	01 45 31.4 +0.7
H63A	New Sharon	64.31 1	P	P	01 45 31.1 +0.3
SNA4	Sanae	64.33 161	P	P	01 45 32.2 +1.4
SNA4	Sanae	64.33 161	P	P	01 45 32.0 +1.2
SNA4	comp=Z,33nm,1.1s		pmax	pmax	
SNA4	Sanae	64.33 161	P	P	01 45 32.0 +1.2
H59A	Cadyville	64.34 358	P	P	01 45 31.6 +0.6
LONY	Lake Ozonia	64.36 357	Iamb	Iamb	01 45 32.3
LONY	Lake Ozonia	64.36 357	P	P	01 45 32.0 +0.9
CBK5	Cedar Bluff	64.41 335	Iamb	Iamb	01 45 37.1
CBK5	Cedar Bluff	64.41 335	P	P	01 45 32.0 +0.3
H56A	Elgin	64.43 356	P	P	01 45 32.1 +0.5
H55A	Tweed	64.45 355	P	P	01 45 31.9 +0.2
DELO	Deloro Mine	64.46 355	Iamb	Iamb	01 45 32.5
TUC	Tucson	64.49 323	P	P	01 45 33.1 +0.7
TUC	Tucson	64.49 323	P	P	01 45 33.9 +1.5
I49A	Point Hope	64.52 350	P	P	01 45 31.6 -0.6
FRNY	Flat Rock	64.53 356	Iamb	Iamb	01 45 34.1
H53A	Bobcaygeon	64.60 354	P	P	01 45 32.8 0.0
G60A	Masonville	64.76 359	P	P	01 45 35.4 +1.7
G59A	Clarenceville	64.76 358	P	P	01 45 34.5 +0.8
G63A	Kingsbury	64.77 1	P	P	01 45 34.7 +0.9
H52A	Weyvale	64.81 353	P	P	01 45 33.9 -0.2
SADO	Sadowa	64.86 354	P	P	01 45 34.4 0.0
SADO	comp=Z,23nm,0.8s,baz=210,slow=2.6,SNR=17		LR	LR	02 16 47.3
SADO	Sadowa	64.86 354	P	P	01 45 34.4 0.0
G57A	Newington	64.86 357	P	P	01 45 34.5 +0.2
G58A	Ormsdown	64.86 358	P	P	01 45 35.1 +0.7
G62A	West of Eustis	64.87 0	P	P	01 45 33.9 -0.6
G62A	West of Eustis	64.87 0	P	P	01 45 35.0 +0.5
I47A	Gladwin	64.88 349	P	P	01 45 34.1 -0.4
I48A	Sherman Twp	64.90 350	P	P	01 45 34.1 -0.6
PKME	Peaks-Kenny Pk	64.93 1	P	P	01 45 35.8 +1.0
SCIA	State Center	64.93 342	P	P	01 45 35.3 +0.3
PLVO	Plevna	64.93 355	Iamb	Iamb	01 45 39.3
G61A	St-Isidore-de-	64.93 360	P	P	01 45 35.6 +0.8
I46A	Reed City	64.97 348	P	P	01 45 34.6 -0.5
I25A	Trinidad	64.99 331	Iamb	Iamb	01 45 41.3
T25A	Trinidad	64.99 331	P	P	01 45 36.5 +0.8
JFWS	Jewell Farm	65.05 344	Iamb	Iamb	01 45 41.0
JFWS	Jewell Farm	65.05 344	P	P	01 45 35.9 +0.1
G55A	Calabogie	65.12 355	P	P	01 45 36.7 +0.6
G53A	Haliburton	65.15 354	P	P	01 45 35.9 -0.4
H48A	Harrisville	65.34 350	P	P	01 45 37.0 -0.5
G54A	Lake Saint Pet	65.37 354	P	P	01 45 37.9 +0.1
H47A	Mio	65.39 350	P	P	01 45 37.0 -0.9
214A	Organ Pipe Nat	65.40 321	Iamb	Iamb	01 45 45.3
214A	Organ Pipe Nat	65.40 321	P	P	01 45 40.1 +1.9
H46A	Fife Lake	65.51 349	P	P	01 45 37.7 -0.9
F59A	Saint Guillaume	65.52 359	P	P	01 45 39.8 +1.2
F64A	Sherman	65.55 2	P	P	01 45 39.7 +0.9
F61A	St Evariste	65.62 360	P	P	01 45 40.1 +0.8
F60A	Warwick	65.62 359	P	P	01 45 39.9 +0.6
I42A	Draeger Farm,	65.65 346	Iamb	Iamb	01 45 43.5
GLMI	Grayling	65.68 349	P	P	01 45 39.6 -0.1
H45A	Beulah	65.74 348	P	P	01 45 39.6 -0.5
KSCO	Kaye Shedlock	65.76 333	Iamb	Iamb	01 45 42.8
KSCO	Kaye Shedlock	65.76 333	P	P	01 45 41.4 +0.8
G47A	Hillman	65.89 350	P	P	01 45 40.5 -0.2
F52A	Nundridge	65.89 354	P	P	01 45 40.9 -0.2
ALGO	Algonquin Park	65.92 355	P	P	01 45 41.1 -0.2
H43A	Windswept, Lux	65.95 347	Iamb	Iamb	01 45 45.0
SDCO	Great Sand Dun	65.99 330	Iamb	Iamb	01 45 51.3
SDCO	Great Sand Dun	65.99 330	P	P	01 45 43.0 +0.8
E60A	Ste Agathe de	66.02 360	P	P	01 45 41.7 -0.1
E58A	La Victoria	66.05 358	P	P	01 45 42.4 +0.3
G45A	Suttons Bay	66.07 349	Iamb	Iamb	01 45 56.2
G45A	Suttons Bay	66.07 349	P	P	01 45 41.7 -0.5
E61A	Lac Etchemin	66.08 0	P	P	01 45 42.5 +0.2
BGNE	Belgrade	66.08 338	P	P	01 45 42.6 +0.1
F51A	Arnstein	66.08 353	P	P	01 45 41.9 -0.4
E57A	Chemin Saint G	66.12 358	P	P	01 45 42.7 +0.1
E64A	Bridgewater	66.12 2	P	P	01 45 43.1 +0.5
F49A	Strandfield	66.19 351	P	P	01 45 42.1 -0.9
G46A	Petoskey	66.20 349	P	P	01 45 42.4 -0.6
E56A	St. Veronique	66.30 357	P	P	01 45 43.9 +0.2
E52A	Mattawa	66.31 354	P	P	01 45 43.8 0.0
E53A	Dumoine, Ponti	66.31 355	P	P	01 45 44.0 +0.2
E54A	Lac Daplat, Po	66.33 355	P	P	01 45 43.6 -0.2
F48A	Evansville	66.33 351	P	P	01 45 43.4 -0.5
X16A	Lo Mia Camp, P	66.42 324	Iamb	Iamb	01 45 51.4
D60A	Saint Jean D'O	66.56 600	P	P	01 45 46.1 +0.8

S22A	4UR Ranch, Cre	66.61 330	P	P	01 45 46.6 +0.3
E51A	G1948 Merrick	66.64 354	P	P	01 45 45.9 0.0
F45A	CMU Biological	66.67 349	P	P	01 45 45.5 -0.5
D57A	Chemin Vers le	66.72 358	P	P	01 45 46.9 +0.6
D63A	Stotholm	66.73 2	P	P	01 45 46.9 +0.5
D62A	Allapoint, All	66.75 1	P	P	01 45 47.2 +0.7
D62A	comp=Z,25nm,1.1s		Iamb	Iamb	01 45 54.3
D62A	Allapoint, All	66.75 1	P	P	01 45 47.1 +0.5
D58A	Chemin du LacG	66.77 359	P	P	01 45 47.3 +0.7
D56A	St. Anne, M	66.79 357	P	P	01 45 46.8 0.0
D55A	Sainte-Marie-Du	66.79 357	P	P	01 45 46.8 0.0
E48A	Lookeyer	66.91 352	P	P	01 45 47.6 0.0
D54A	Lac Fusel, La	67.00 356	P	P	01 45 48.1 -0.1
MVCO	Mesa Verde	67.00 328	P	P	01 45 49.8 +1.1
D53A	Lac Vachiv, Po	67.01 355	Iamb	Iamb	01 45 55.4
D53A	Lac Vachiv, Po	67.01 355	P	P	01 45 48.2 0.0
E47A	Iron Bridge	67.05 351	P	P	01 45 48.4 -0.1
L46Q	La Tuque	67.05 359	P	P	01 45 48.9 +0.5
E47A	Sault Ste Mari	67.12 350	Iamb	Iamb	01 45 52.2
OGNE	Ogallala	67.15 335	P	P	01 45 49.8 +0.4
D51A	Lot R Range I	67.17 354	P	P	01 45 49.4 +0.1
WUAZ	Wupatki	67.20 325	Iamb	Iamb	01 45 53.4
WUAZ	Wupatki	67.20 325	P	P	01 45 51.7 +1.8
D50A	G1974 Best Tow	67.30 353	P	P	01 45 50.0 -0.1
GLA	Glamis	67.37 321	P	P	01 45 52.7 +1.8
D48A	Paudash Townsh	67.54 352	P	P	01 45 51.3 -0.3
D46A	Sault St. Mari	67.59 350	P	P	01 45 50.9 -1.0
D47A	Chapleau	67.61 351	P	P	01 45 51.5 -0.6
E43A	Lone Tree Farm	67.61 348	Iamb	Iamb	01 45 52.5
ECSD	EROS Data Cent	67.63 340	Iamb	Iamb	01 45 56.5
ECSD	EROS Data Cent	67.63 340	P	P	01 45 52.5 +0.3
E44A	Grand Marais A	67.65 349	P	P	01 45 51.8 -0.4
Y12C	Blythe	67.69 322	P	P	01 45 54.7 +1.9
ISCO	Idaho Springs	67.71 332	P	P	01 45 54.3 +1.1
SMCO	Snowmass	67.83 330	Iamb	Iamb	01 46 00.9
PDMLC	Parker Dam,Lak	67.86 322	P	P	01 45 55.7 +1.9
IKP	In-Ko-Pah, Jac	67.86 320	P	P	01 45 56.6 +2.6
SPMN	Marine on St.	67.87 343	Iamb	Iamb	01 45 54.5
SPMN	Marine on St.	67.87 343	P	P	01 45 53.7 0.0
SWSC	Sam W. Stewart	67.88 320	P	P	01 45 56.3 +2.2
PV15	Parad Valley	67.88 329	Iamb	Iamb	01 45 57.5
VLDO	Val d'O	68.02 355	Iamb	Iamb	01 45 59.1
PV16	Nyswonger Mesa	68.07 329	Iamb	Iamb	01 46 04.5
BC3	Big Chuckawall	68.17 321	P	P	01 45 58.1 +2.1
MONP2	Monument Peak	68.22 320	P	P	01 45 59.1 +2.6
BAR	Barrett	68.22 319	P	P	01 45 56.6 +0.4
BAR	Barrett	68.22 319	Iamb	Iamb	01 45 59.4
IRM	Iron Mountain	68.34 321	P	P	01 45 59.6 +2.7
U15A	North Rim	68.38 325	Iamb	Iamb	01 46 01.2
D41A	Chassel	68.59 347	Iamb	Iamb	01 46 05.7
109C	Camp Elliot, M	68.63 319	P	P	01 46 00.6 +1.9
BELC	Belle Mtn. Jos	68.73 321	P	P	01 46 01.3 +1.7
XPFO	Pion Flat	68.73 320	P	P	01 46 00.2 +0.7
PFO	Pinyon Flats O	68.74 320	P	P	01 46 02.1 +2.5
PFO	comp=Z,122nm,21.8s,baz=141,slow=32		LR	LR	02 11 45.6
PFO	Pinyon Flats O	68.74 320	P	P	01 46 01.5 +1.9
N23A	Pinyon Flats O	68.74 320	P	P	01 46 02.0 +2.4
N23A	Red Feather La	68.75 332	Iamb	Iamb	01 46 05.1
N23A	Red Feather La	68.75 332	P	P	01 46 01.0 +1.4
E38A	The Farm, Brul	68.84 345	Iamb	Iamb	01 46 07.0
LSQO	Lebel-sur-Quev	68.92 356	P	P	01 46 00.3 +0.1
NVL	N'Nazarevskaya	68.92 159	eP	eP	01 46 00.4 +0.4
NVL	N'Nazarevskaya	68.92 159	eS	eS	01 55 09.0 +4.5
GMRC	Granite Mounta	69.08 322	P	P	01 46 04.1 +2.4
MURC	Murrieta	69.17 320	P	P	01 46 04.0 +1.8
O20A	White River Ci	69.18 330	P	P	01 46 04.2 +1.9
H2C	Hector,Ludlow	69.51 321	P	P	01 46 06.9 +2.6
MATO	Matagami	69.67 355	P	P	01 46 04.6 -0.2
TUQ	Turquoise Moun	69.69 322	P	P	01 46 07.8 +2.3
LIC	Lamto	69.78 75	eP	eP	01 46 04.6 -1.7
BFSC	Mount Baldy Ra	69.89 320	P	P	01 46 08.9 +2.1
DRLN	Deer Lake	69.93 9	P	P	01 46 06.3 -0.2
TIC	Toumoudi	69.95 75	eP	eP	01 46 05.8 -1.6
EYMM	Ely	70.08 345	P	P	01 46 07.5 +0.1
KIC	Kosan Boka	70.09 75	eP	eP	01 46 06.6 -1.6
DBIC	Dimbokro	70.11 75	P	P	01 46 07.2 -1.2
DBIC	comp=Z,19nm,0.8s,baz=227,slow=4.9,SNR=14		LR	LR	02 14 05.6
DBIC	Dimbokro	70.11 75	P	P	01 46 07.5 -0.8
DBIC	comp=Z,24nm,0.9s		pmax	pmax	
DBIC	Dimbokro	70.11 75	P	P	01 46 07.5 -0.8
GSC	Goldstone, Bar	70.11 321	P	P	01 46 10.0 +2.0
MWC	Mount Wilson	70.12 320	P	P	01 46 09.6 +1.4
MWC	Mount Wilson	70.12 320	P	P	01 46 09.6 +1.4
MWC	comp=Z,24nm,1.2s		pmax	pmax	
MWC	Mount Wilson	70.12 320	P	P	01 46 09.6 +1.4
GSPA	South Pole Qui	70.22 180	P	P	01 46 10.4 +2.1

QSPA	South Pole Qui	70.22 180	P	P	01 46 09.3 +1.0
QSPA	comp=Z,36nm,1.2s		Iamb	Iamb	01 46 11.6
SHOC	Shoshone, Teco	70.22 322	P	P	01 46 11.4 +2.8
DECC	Green Verdugo	70.31 320	P	P	01 46 11.3 +2.1
K22A	Casper	70.43 333	Iamb	Iamb	01 46 12.3
K22A	comp=Z,11nm,0.8s		P	P	01 46 11.2 +1.3
EDW2	Edwards Air Fo	70.53 320	P	P	01 46 12.7 +2.1
RSSD	Black Hills	70.62 335	P	P	01 46 11.5 +0.4
RSSD	comp=Z,14nm,0.8s		pmax	pmax	
RSSD	Black Hills	70.62 335	P	P	01 46 11.3 +0.4
RSSD	comp=Z,14nm,0.8s		Iamb	Iamb	01 46 13.3
RSSD	Black Hills	70.62 335	P	P	01 46 12.5 +1.4
SCZ2	Santa Cruz Isl	70.94 319	P	P	01 46 13.5 +0.5
TPNV	Topopah Spring	70.94 323	Iamb	Iamb	01 46 24.2
TPNV	Topopah Spring	70.94 323	P	P	01 46 15.8 +2.6
FURC	Furnace Creek	70.96 322	P	P	01 46 15.5 +2.5
MPMC	Manual Prospect	71.04 322	P	P	01 46 15.9 +2.1
ISA	Isabella, Lake	71.35 321	Iamb	Iamb	01 46 19.2
ISA	Isabella, Lake	71.35 321	P	P	01 46 17.9 +2.3
DUG	Dugway, Tooele	71.46 327	Iamb	Iamb	01 46 25.9
DUG	Dugway, Tooele	71.46 327	P	P	

17d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPNY Central Park, MNTX Cornudas Mount, M56A Emporium, etc.

DJA 17 01:57:23.1+1.0, 4.5S+10.0E, h19km, 11km, M3.9/10, MB5.6/1, mb4.1/2, MLV3.8/0, Mw(MB)5.1/1, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, MNAI Manna, etc.

IDC 17 02:01:23.7-1.8, 19.715S:70.35W, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.4/4.8, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=76.9km s-min=29.0km az=67.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, TORO Torodi Ar. Bea, YKA Yellowknife Arr, etc.

SJA 17 02:05:54.9-1.0, 19.915S:71.20W, h73km, 14km, ML4.3, MW4.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, PATCX Punta Patache, PB11 IPOC Station P, etc.

VAO 17 02:06:01.0+0.7, 20.005S:70.94W, h74km, 6km, mb4.2, ISC 17 02:05:58.2+0.9, 19.925S:70.41W, 0.05, h31km, 6km, n110, c1554/116, mb4.5/7, 4C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, PATCX Punta Patache, PB11 IPOC Station P, etc.

2014 MAR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, PB07 IPOC Station P, etc.

870

Table with columns: LZH Lanzhou, 163.27, 15 ePKP, PKPdf, 02 25 57.3 +0.9, 02 26 06.6 -0.6, 02 26 10.3

IDC 17 02:06:38.4+26.0, 20.79S:172.13W, h0km, mb4.3/4, mb1 4.5/4, mb1mx3.9/4.7, mbtmp4.3/4, Error ellipse: s-maj=482.2km s-min=161.9km az=74.0, Tonga Islands region

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

IDC 17 02:06:38.0+0.8, 28.13N:67.08E, h0km, mb4.0/1.5, mb1 4.2/1.7, mb1mx3.8/6.4, mbtmp4.0/1.7, ML3.6/2, MS3.5/6, Ms1 3.5/6, ms1mx3.0/5.0, Error ellipse: s-maj=20.0km s-min=17.8km az=27.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THW Thamme Wali, KUDL Kundal, AYAN Aya Nagar, etc.

ISC 17 02:06:38.8+0.6, 28.04N:0.09-67.22E, 0.06, h10km, n48, c28/24/6, mb4.2/2.3, MS3.4/6, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, WSAR Wadi Sarin, SMLA Simla, etc.

DANN Dangsing, 14.60, 85 eP, Pn, 02 10 02.7 -3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, DMN Daman, PKIN Phulchoki, etc.

ODAN Odare, 17.95, 89 eP, Pn, 02 10 47.2 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GNI Gani, MKAR Makanchi Array, KURBS Kurchatov Arr, etc.

FINES FINESSE Array B, 43.11, 332 P, P, 02 14 39.2 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Mollin, ABTA Abfattersbach, WADAL Wadala, etc.

NOA NORARS Arr B, 49.53, 328 P, P, 02 15 28.7 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, TORO Torodi Ar. Bea, SEY Seycham, etc.

IDC 17 02:10:30.2+1.6, 58.98N:152.64W, h41km, 19km, mb3.4/6, mb1 3.7/8, mb1mx3.3/6.7, mbtmp3.6/8, ML3.2/2, Error ellipse: s-maj=21.9km s-min=10.5km az=96.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AU22 Augustine Moun, FOSS Fourpeaked Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Diego Aracena, Punta Patache, IPOC Station P, Chumizma, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Riachuelo, Palmer Station, Mount Ida, La Paz, etc.

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

GUC 17 03:37:36.7,0.8, 19.925:71.09W,h40km,3km,ML3.5
IDC 17 03:37:38.9,8.5, 19.795:70.99W,h33km,60km,mb3.6/3,
mb1.3/8.5,mb1mx3.5/32,mbtrp3.8/5,ML3.6/2,MS3.4/2,
Ms1.3/4.2,ms1mx2.7/3.0,Error ellipse: s-maj=53.5km
s-min=30.3km az=84.0

ISC 17 03:37:34.3,2.2, 19.935:71.15W,h7km,11km,
n20, c192428,mb3.9/3,6C-3D,Off coast of northern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Pisagua, Diego Aracena, Punta Patache, etc.

Table with columns: SDV, Lg, Lg, 04 33 03.1, Pn, Pn, Sb, 04 31 48.0 +1.2, 04 33 05.7 +2.3, 04 33 15.0

NEIC 17 04:32:41.1, 2.9, 15.8N, 0.1:98.48W, 0.07, h20km, 15km, Error ellipse: s-maj=20.7km s-min=5.6km az=202.0

MEX 17 04:32:43.1, 0.4, 15.92N, 98.41W, h4km, 6km, MD4.0, ISC 17 04:32:39.1, 8.15, 93N, 0.07:98.40W, 0.04, h8km, 12km, n18, c085/34, Off coast of Guerrero

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

NEIC 17 04:51:00.1, 2.2, 19.95S, 0.06:176.08W, 0.08, h205km, 5km, mb4.8/40, Error ellipse: s-maj=12.0km s-min=8.0km az=114.0

IDC 17 04:51:00.2, 1.8, 19.78S, 176.16W, h200km, 16km, mb4.1/14, mb1 4.3/15, mb1 mx4.1/30, mbtmp4.6/15, Error ellipse: s-maj=15.2km s-min=10.4km az=145.0

ISC 17 04:50:59.5, 0.3, 20.01S, 0.05:176.04W, 0.05, h200km, n122, c204/133, mb4.7/34, 5C-1D, Fiji Islands

Main station list table for Chile (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

Main station list table for Chile (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

VAO 17 04:59:22.8, 1.3, 19.99S, 70.85W, h52km, 8km, mb4.2, ISC 17 04:59:23.1, 4.1, 19.94S, 0.03:70.81W, 0.06, h23km, 10km, n69, c134/76, mb4.1/8, 3C-6D, Near coast of northern Chile

Main station list table for Chile (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

IGQ 17 05:00:23.8, 0.2, 1.1S, 177.82W, h8km, M4.0, ISC 17 05:00:23.7, 0.9, 1.00S, 0.03:77.82W, 0.03, h5km, 6km, n58, c0573/60, Ecuador

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

IDC 17 04:59:18.7, 0.8, 19.86S, 70.61W, h0km, mb3.9/8, mb1 4.2/10, mb1 mx4.0/27, mbtmp4.0/10, ML3.9/2, MS3.3/1, Ms1 3.3/1, ms1 mx2.6/38, Error ellipse: s-maj=25.2km s-min=18.7km az=53.0

NEIC 17 04:59:19.7, 1.9, 20.01S, 0.05:176.04W, 0.07, h11km, 2km, mb4.3/8, Error ellipse: s-maj=9.9km s-min=6.1km az=127.0

GUC 17 04:59:21.9, 0.7, 19.97S, 70.81W, h21km, 4km, ML4.1

Table with columns: Code, Station Name, Az, Phase, Op, ISC, H, m, s, Res, ISC. Includes stations like ULba, Refugio, Turunghua Vol, etc.

Mw0.52±0.1; Mw3.78±0.7; Best double couple: Mw0.66800±0.18; NP1±0.352,00000; δ17,00000; 1.94,00000. NP2±0.168,00000; δ73,00000; 1.89,00000. Principal axes: T 4.5720; Plg2,0000; Azm76,0000; N 0.1950; Plg1,0000; Azm168,0000; P -4.7640; Plg28,0000; Azm259,0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function NEIC 17 05:11:46.20;05S:71.06W; h16km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr2.32; Mw0.13; Mw2.45; Mw1.37; Mw0.57; Mw-4.72; Fault plane solution: Ms5.49000±0.18; NP1±0.164,00000; 1.77,00000; 1.88,00000; NP2±0.353,00000; δ13,00000; 1.98,00000. Principal axes: T 5.3696; Plg58,0000; Azm72,0000; N 0.2415; Plg2,0000; Azm165,0000; P -5.6110; Plg32,0000; Azm256,0000; NEIC 17 05:11:47.20;12S:71.20W; h14km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr2.53; Mw-0.04; Mw-2.49; Mw1.86; Mw0.70; Mw-3.08; Fault plane solution: Ms4.44000±0.18; NP1±0.152,00000; 1.72,00000; 1.81,00000; NP2±0.358,00000; δ19,00000; 1.75,00000. Principal axes: T 4.4382; Plg2,0000; P Azm49,0000; N 0.0029; Plg3,0000; Azm155,0000; P -4.4412; Plg29,0000; Azm39,0000; BGR 17 05:11:50.60;0.17;31S:69.32W; h33km, mb5.9, Ms6.5 NEIC 17 05:11:58.9;20.10S:71.43W; h33km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr2.72; Mw-0.34; Mw-2.38; Mw0.94; Mw0.26; Mw-6.14; Fault plane solution: Ms6.72000±0.18; NP1±0.203,88000; 1.81,24000; 1.92,42000; NP2±0.171,41000; δ78,77000; 1.89,52000. Principal axes: T 6.8777; Plg56,0000; P Azm81,0000; N -0.3068; Plg0,0000; Azm172,0000; P -6.5709; Plg34,0000; Azm262,0000; ISC 17 05:11:33.4;0.4;0.20;65S:02:70.83W;0.03;h5km;2km, h5km;2P, N1777, c2944/1862, mb5.9/284, MS6.2/481, 90C-BD, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, H, m, s, Res, ISC. Includes stations like CFA, CFA, CFA, etc.

GUC 17 05:08:34.0, 19.75S:70.69W, h44km, ML4.3 NEIC 17 05:09:30.3;2.7, 19.92S:0.05;70.88W;0.09, h12km;5km, mb4.4/12, Error ellipse: s-maj=14.0km s-min=3.5km az=119.0

IDC 17 05:09:30.2;1.1, 19.64S:70.56W, h0km, mb3.777, mb1.4/0.9, mb1mx3.8/33, mbtmp3.8/9, ML3.7/2, Error ellipse: s-maj=38.2km s-min=21.9km az=36.0

ISC 17 05:09:33.7;0.6, 19.24S:0.04;70.81W;0.07, h35km, n36, r150/39, mb3.9/10, 20C-1D, Near coast of northern Chile

Main table with columns: Code, Station Name, Az, Phase, Op, ISC, H, m, s, Res, ISC. Includes stations like TA01, PSGC, PSGC, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, H, m, s, Res, ISC. Includes stations like PLCA, PLCA, PLCA, etc.

SJA 17 05:11:20.5;0.7, 19.12S:71.51W, h55km;7km, ML6.5, MW6.2

IDC 17 05:11:33.2;0.3, 19.86S:70.58W, h0km, mb5.1/2.9, mb1.5/1.34, mb1mx5.1/35, mbtmp5.0/34, ML4.5, MS6.2/29, Ms1.6/2.29, Ms1mx1.1/32, Error ellipse: s-maj=13.1km s-min=9.0km az=71.0

NEIC 17 05:11:34.9, 20.02S:70.87W, h17km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr1.10; Mw0.12; Mw-1.22; Mw0.74; Mw0.27; Mw-2.01; Fault plane solution: Ms2.45000±0.18; NP1±0.359,64000; 1.515,11000; 1.108,37000; NP2±0.160,65000; δ75,68000; 1.85,14000. Principal axes: T 2.3805; Plg59,0000; Azm64,0000; N 0.1404; Plg5,0000; Azm162,0000; P -2.5209; Plg31,0000; Azm255,0000;

VAO 17 05:11:34.8;0.3, 19.96S:70.69W, h10km, mb5.7 GUC 17 05:11:34.6;0.7, 19.93S:70.94W, h28km;5km, ML5.9, MW6.3

NEIC 17 05:11:34.9;2.2, 20.02S:0.04;70.88W;0.05;h21km;1km, mb5.9/453, Ms 2.0/2.805, Mw6.6/2.74, Mw6.5/4.2, Mw6.6/4, ML5.9(GUC), Mw6.6(GCMT), Error ellipse: s-maj=8.7km s-min=6.6km az=300.0

BUI 17 05:11:37.0;0.20, 20.01S:70.84W, h10km, mB6.2/53, Ms6.5/83, Ms7.6/57.5 MOS 17 05:11:37.6;1.5, 19.65S:70.76W, h35km, mb6.0/46, MS6.3/53, Error ellipse: s-maj=9.3km s-min=5.5km az=98.4

GCMT 17 05:11:44.9;0.1, 20.01S:71.05W, h18km, MW6.4/167, Moment Tensor Solution. s160,c363; s167,c649; Duration: 38 Moment tensor: Scale 10^19Nm; Mr2.51±0.2; Mw0.10±0.1; Mw-2.61±0.2; Mw0.84±0.3;

OS4A	baz=170	S	S	05 30 03.3 +1.9	
CPNY	Central Park	60.61 357	P	P	05 21 43.9 -1.1
CPNY	comp=Z,22um,22.0s	IAMs_20	IAMs_20	05 48 04.4	
WMOK	Wichita Mounta	60.63 334	P	P	05 21 44.1 -1.2
WMOK	comp=Z,43nm,1.0s	P	P		
WMOK	comp=Z,8um,21.0s	MLR	MLR		
WMOK	Wichita Mounta	60.63 334	P	P	05 21 44.1 -1.2
WMOK	Wichita Mounta	60.63 334	P	P	05 21 43.8 -1.6
WMOK	baz=150	S	S	05 30 02.4 +0.1	
OLIL	Olney	60.69 345	P	P	05 21 44.5 -1.1
OLIL	comp=Z,138nm,1.2s	IAMB	IAMB	05 21 58.8	
P49A	Miami Univ. Ec	60.69 348	P	P	05 21 44.5 -1.2
P49A	baz=165	S	S	05 30 00.7 -2.1	
BLO	Bloomington	60.73 346	P	P	05 21 44.1 -1.8
BLO	comp=Z,95nm,1.0s	P	P		
BLO	comp=Z,22um,22.0s	MLR	MLR		
BLO	Bloomington	60.73 346	P	P	05 21 44.1 -1.8
BLO	comp=Z,95nm,0.9s	IAMB	IAMB	05 22 18.9	
BLO	comp=Z,22um,22.0s	IAMs_20	IAMs_20	05 49 13.2	
N62A	Caumsett Sta	60.73 358	P	P	05 21 45.6 -0.2
O52A	Adamsville	60.74 350	P	P	05 21 44.1 -1.9
O52A	comp=Z,161nm,1.4s	IAMB	IAMB	05 22 40.7	
O52A	comp=Z,18um,20.0s	IAMs_20	IAMs_20	05 51 13.5	
O52A	Adamsville	60.74 350	P	P	05 21 45.7 -0.3
O52A	baz=168,SNR=6.8	S	S	05 30 02.8 -0.6	
SSPA	Standing Stone	60.74 354	P	P	05 21 44.5 -1.4
SSPA	Standing Stone	60.74 354	IAMs_20	IAMs_20	05 49 01.6
SSPA	Standing Stone	60.74 354	P	P	05 21 45.4 -0.5
SSPA	baz=172	S	S	05 30 06.5 +3.1	
N60A	Cedar Hill Far	60.75 356	P	P	05 21 45.8 -0.2
N60A	baz=176	S	S	05 30 05.4 +1.9	
P48A	Milroy	60.76 347	P	IAMB	05 21 46.1 0.0
P48A	comp=Z,164nm,1.6s	IAMB	IAMB	05 22 44.4	
P48A	comp=Z,16um,20.0s	IAMs_20	IAMs_20	05 48 43.2	
P48A	Milroy	60.76 347	P	P	05 21 45.6 -0.5
P48A	baz=164	S	S	05 30 00.8 -3.0	
O53A	New Philadelph	60.77 351	P	P	05 21 46.3 +0.1
O53A	baz=169	S	S	05 30 03.7 -0.1	
PAL	Palisades	60.82 357	P	P	05 21 44.5 -1.9
PAL	comp=Z,283nm,1.8s	P	P		
PAL	comp=Z,22um,21.0s	MLR	MLR		
PAL	Palisades	60.82 357	P	P	05 21 44.5 -1.9
PAL	comp=Z,22um,21.0s	IAMs_20	IAMs_20	05 48 10.0	
PAL	Palisades	60.82 357	P	P	05 21 45.2 -1.3
PAL	baz=177	S	S	05 30 05.9 +1.6	
N58A	Sunbury	60.83 355	P	IAMB	05 21 45.0 -1.5
N58A	comp=Z,103nm,1.0s	IAMB	IAMB	05 22 10.9	
N58A	comp=Z,17um,22.0s	IAMs_20	IAMs_20	05 45 43.1	
N58A	Sunbury	60.83 355	P	P	05 21 45.5 -1.0
N58A	baz=174	S	S	05 30 06.7 +2.2	
N59A	State Game Lan	60.84 356	P	P	05 21 45.3 -1.3
N59A	comp=Z,14um,19.0s	IAMs_20	IAMs_20	05 50 23.5	
N59A	State Game Lan	60.84 356	P	P	05 21 45.9 -0.7
N59A	baz=175	S	S	05 30 06.8 +2.1	
O51A	Pataskala	60.89 350	P	P	05 21 45.7 -1.3
O51A	baz=167,SNR=8.9	S	S	05 30 03.5 -1.9	
CCM	Cathedral Cave	60.91 342	P	P	05 21 45.5 -1.7
CCM	comp=Z,146nm,1.3s	P	P		
CCM	comp=Z,14um,20.0s	MLR	MLR		
CCM	Cathedral Cave	60.91 342	P	IAMB	05 21 45.5 -1.7
CCM	comp=Z,146nm,1.2s	IAMB	IAMB	05 22 20.2	
CCM	Cathedral Cave	60.91 342	IAMs_20	IAMs_20	05 49 52.8
CCM	Cathedral Cave	60.91 342	P	P	05 21 45.8 -1.4
CCM	baz=158	S	S	05 30 03.8 -1.8	
ODNJ	Ogdensburg	60.93 357	P	P	05 21 45.1 -2.1
ODNJ	comp=Z,157nm,1.6s	IAMB	IAMB	05 22 17.2	
ODNJ	comp=Z,17um,18.0s	IAMs_20	IAMs_20	05 51 21.9	
N55A	Marion Center	61.00 353	P	P	05 21 46.7 -1.1
N55A	baz=171,SNR=21	S	S	05 30 09.4 +2.6	
ACSO	Alum Creek Sta	61.04 349	P	P	05 21 46.1 -1.9
ACSO	comp=Z,163nm,1.2s	IAMB	IAMB	05 22 02.5	
ACSO	Alum Creek Sta	61.04 349	P	P	05 21 47.1 -0.9
ACSO	baz=167,SNR=17	S	S	05 30 06.4 -0.8	
N56A	West Decatur	61.06 354	P	P	05 21 47.7 -0.5
N56A	baz=172,SNR=36	S	S	05 30 10.3 +2.8	
O50A	Cable	61.07 349	P	P	05 21 47.1 -1.2
O50A	baz=166,SNR=7.0	S	S	05 30 06.1 -1.6	
Q44A	Meyer Farm, Va	61.08 344	P	P	05 21 46.4 -1.9
Q44A	comp=Z,130nm,0.9s	IAMB	IAMB	05 22 21.9	
Q44A	comp=Z,13um,20.0s	IAMs_20	IAMs_20	05 49 36.6	
YLE	Yale	61.09 358	P	P	05 21 47.1 -1.2
YLE	comp=Z,21um,20.0s	IAMs_20	IAMs_20	05 49 33.3	
M61A	Granite Spring	61.12 357	P	P	05 21 48.7 +0.2
M61A	baz=177	S	S	05 30 09.8 +1.7	
SLM	Saint Louis	61.16 343	IAMs_20	IAMs_20	05 47 56.4
M63A	Gales Ferry	61.16 359	P	P	05 21 48.7 -0.1
M63A	baz=179	S	S	05 30 09.6 +1.0	
M60A	Port Jervis	61.17 357	P	P	05 21 48.3 -0.6
M60A	baz=176	S	S	05 30 11.1 +2.2	
MNTX	Cornudas Mount	61.21 327	P	P	05 21 47.0 -2.4
MNTX	Cornudas Mount	61.21 327	P	P	05 21 48.4 -0.9
MNTX	baz=143,SNR=28	S	S	05 30 11.9 +2.2	
M62A	Hamden	61.22 358	P	P	05 21 48.4 -0.7

M62A	baz=178,SNR=7.1	S	S	05 30 10.0 +0.6	
S39A	Bolivar	61.22 340	P	P	05 21 47.6 -1.7
S39A	comp=Z,156nm,1.1s	IAMB	IAMB	05 22 14.0	
S39A	comp=Z,16um,20.0s	IAMs_20	IAMs_20	05 50 56.3	
O49A	Covington	61.24 348	P	P	05 21 47.5 -1.9
O49A	comp=Z,85nm,1.0s	IAMB	IAMB	05 22 40.2	
O49A	comp=Z,22um,21.0s	IAMs_20	IAMs_20	05 49 38.9	
O49A	Covington	61.24 348	P	P	05 21 48.2 -1.2
O49A	baz=168	S	S	05 30 07.4 -2.5	
N53A	Lisbon	61.27 351	P	P	05 21 48.2 -1.3
N53A	comp=Z,107nm,1.0s	IAMB	IAMB	05 22 46.8	
N53A	Lisbon	61.27 351	P	P	05 21 48.7 -0.8
N53A	baz=169	S	S	05 30 10.6 +0.5	
M64A	Tiverton	61.30 360	P	P	05 21 49.3 -0.4
M64A	baz=180	S	S	05 30 11.4 +1.1	
N54A	Moraine State	61.30 352	P	P	05 21 47.9 -1.9
N54A	comp=Z,23um,21.0s	IAMs_20	IAMs_20	05 49 03.5	
N54A	Moraine State	61.30 352	P	P	05 21 49.1 -0.7
N54A	baz=170,SNR=15	S	S	05 30 12.4 +1.9	
P46A	Rosedale	61.31 346	P	P	05 21 47.2 -2.6
P46A	comp=Z,89nm,1.0s	IAMB	IAMB	05 21 58.4	
P46A	comp=Z,19um,22.0s	IAMs_20	IAMs_20	05 49 43.4	
M58A	Price's Panora	61.34 355	P	P	05 21 49.4 -0.6
M58A	baz=174,SNR=16	S	S	05 30 13.1 +2.0	
M57A	Sunshine Farm	61.36 355	P	P	05 21 47.1 -3.1
M57A	comp=Z,126nm,1.1s	IAMB	IAMB	05 22 14.9	
M57A	Sunshine Farm	61.36 355	P	P	05 21 49.2 -1.0
M57A	baz=173	S	S	05 30 14.1 +2.8	
N52A	McGinn's Farm	61.40 351	P	P	05 21 49.3 -1.1
N52A	baz=168,SNR=8.5	S	S	05 30 10.5 -1.3	
M59A	Waymart	61.44 356	P	P	05 21 50.1 -0.6
M59A	baz=175	S	S	05 30 14.8 +2.5	
O48A	Farmland	61.47 348	P	P	05 21 49.7 -1.2
O48A	baz=165,SNR=16	S	S	05 30 11.0 -1.8	
KSCT	Kent School, K	61.52 358	P	P	05 21 49.3 -1.9
KSCT	comp=Z,120nm,1.4s	IAMB	IAMB	05 22 15.4	
KSCT	comp=Z,17um,20.0s	IAMs_20	IAMs_20	05 49 58.6	
N50A	Nevada	61.59 349	P	P	05 21 50.5 -1.2
N50A	baz=167	S	S	05 30 13.2 -1.0	
N51A	Ashland	61.61 350	IAMs_20	IAMs_20	05 51 50.4
N51A	comp=Z,19um,20.0s	P	P		
N51A	Ashland	61.61 350	P	P	05 21 50.5 -1.4
N51A	baz=168,SNR=8.8	S	S	05 30 12.9 -1.5	
M56A	Emporium	61.61 354	P	P	05 21 51.4 -0.5
M56A	comp=Z,20um,21.0s	IAMs_20	IAMs_20	05 49 27.6	
M56A	Emporium	61.61 354	P	P	05 21 51.1 -0.7
M56A	baz=172,SNR=23	S	S	05 30 16.6 +2.1	
L63A	North Scituate	61.61 359	P	P	05 21 51.4 -0.4
L63A	baz=179,SNR=6.7	S	S	05 30 16.4 +2.0	
T35A	Sooner Cattle	61.64 337	P	P	05 21 51.1 -1.0
T35A	comp=Z,160nm,1.1s	IAMB	IAMB	05 22 02.1	
M55A	Ridgway	61.66 353	P	P	05 21 51.6 -0.5
M55A	comp=Z,172,SNR=30	P	P		
M55A	Ridgway	61.66 353	P	P	05 21 51.3 -0.8
M55A	baz=172,SNR=30	S	S	05 30 16.5 +1.4	
BRYW	Bryant College	61.67 359	P	P	05 21 51.9 -0.3
L64A	Middleborough	61.68 360	P	P	05 21 51.3 -0.9
L64A	baz=180	S	S	05 30 15.4 +0.2	
MSTX	Muleshoe	61.75 330	P	P	05 21 52.1 -1.0
MSTX	comp=Z,146,SNR=13	P	P		
MSTX	Muleshoe	61.75 330	P	P	05 21 51.8 -1.3
MSTX	baz=146	S	S	05 30 17.7 +1.0	
M54A	Oil Creek Stat	61.80 352	P	P	05 21 52.1 -1.0
M54A	Oil Creek Stat	61.80 352	P	P	05 21 52.4 -0.7
M54A	baz=171,SNR=19	S	S	05 30 18.2 +1.3	
L62A	Suffield	61.80 358	S	S	05 30 18.5 +1.8
L62A	baz=178	S	S	05 30 19.7 +2.5	
L60A	Shokan	61.81 357	P	P	05 21 52.6 -1.7
L60A	baz=176	S	S	05 30 19.5 +2.5	
M53A	WI Miller and	61.86 352	P	P	05 21 52.3 -1.3
M53A	baz=170	S	S	05 30 18.0 +0.3	
P43A	Skaggs, Pawnee	61.91 344	P	P	05 21 52.9 -0.9
P43A	comp=Z,12um,19.0s	IAMs_20	IAMs_20	05 51 59.4	
N49A	Columbus Grove	61.93 349	P	P	05 21 52.7 -1.3
N49A	comp=Z,15um,21.0s	IAMs_20	IAMs_20	05 50 42.2	
N49A	Columbus Grove	61.93 349	P	P	05 21 52.6 -1.3
N49A	baz=166,SNR=17	S	S	05 30 16.2 -2.2	
L58A	Harry Jones Me	61.96 356	P	P	05 21 53.4 -0.8
L58A	baz=175,SNR=15	S	S	05 30 21.4 +2.5	
M51A	Elyria	61.98 350	P	P	05 21 52.3 -2.0
M51A	baz=168	S	S	05 30 17.6 -1.5	
L61A	Hillsdale 1, H	61.99 358	P	P	05 21 53.2 -1.2
L61A	baz=177	S	S	05 30 21.2 +2.0	
L57A	Andrews Acres	62.00 355	P	P	05 21 53.1 -1.3
L57A	baz=174	S	S	05 30 21.8 +2.4	
ALLY	Alegheny Colle	62.00 352	IAMs_20	IAMs_20	05 49 35.0
ALLY	comp=Z,23um,21.0s	P	P		
AMTX	Amarillo	62.01 331	P	P	05 21 54.2 -0.5
AMTX	Amarillo	62			

K55A	Perry	62.83	354	P	P	05 21 59.3	-0.7
K55A	baz=172			S	S	05 30 29.4	-0.5
L48A	N Adams	62.96	349	P	P	05 21 59.4	-1.5
L48A	baz=166			S	S	05 30 29.0	-2.5
J62A	Henniker	62.98	359	P	P	05 22 00.7	-0.2
J62A	baz=179			S	S	05 30 35.2	+3.7
L49A	Milan	63.00	349	P	P	05 22 00.3	-0.8
L49A	baz=166,SNR=6.5			S	S	05 30 30.2	-1.8
J63A	Strafford	63.02	360	S	S	05 30 35.1	+2.9
J60A	Lant Hill Farm	63.03	358	P	P	05 22 01.0	-0.3
J60A	baz=177			S	S	05 30 36.4	+4.1
P38A	Dawn	63.05	340	P	P	05 22 00.1	-1.5
P38A	baz=172			I Amb	I Amb	05 22 24.7	
319A	Douglas	63.06	323	I AMs_20	I AMs_20	05 47 45.2	
J61A	Chester	63.11	359	P	P	05 22 01.7	-0.2
J61A	baz=178			S	S	05 30 37.7	+4.4
121A	Cookes Peak, D	63.12	325	I AMs_20	I AMs_20	05 48 04.8	
121A	comp=Z,18um,18.0s			P	P	05 22 01.3	-1.1
121A	Cookes Peak, D			S	S	05 30 38.3	+4.0
121A	baz=141,SNR=22						
L47A	Sherwood	63.14	348	P	P	05 22 01.2	-0.9
L47A	baz=165,SNR=12			S	S	05 30 31.7	-2.0
AAM	Ann Arbor	63.17	349	I AMs_20	I AMs_20	05 51 09.9	
AAM	comp=Z,13um,19.0s			P	P	05 22 00.3	-1.9
AAM	baz=167			S	S	05 30 32.6	-1.4
ACCN	Adirondack Com	63.18	358	P	P	05 22 02.0	-0.3
ACCN	comp=Z,124nm,1.2s			I Amb	I Amb	05 22 28.1	
ACCN	comp=Z,14um,20.0s			I AMs_20	I AMs_20	05 50 57.6	
K52A	Tilsonburg	63.19	352	P	P	05 22 00.9	-1.4
K52A	baz=170			S	S	05 30 33.5	-0.7
M44A	Midewin, Midew	63.19	346	P	P	05 21 60.0	-2.4
M44A	comp=Z,16um,20.0s			I AMs_20	I AMs_20	05 52 37.3	
FFD	Franklin Falls	63.22	359	I AMs_20	I AMs_20	05 50 53.6	
FFD	comp=Z,13um,20.0s			P	P	05 22 02.1	-0.6
J58A	Remsen	63.24	356	P	P	05 22 02.1	-0.6
J58A	comp=Z,17um,21.0s			I AMs_20	I AMs_20	05 49 37.0	
J58A	baz=175,SNR=8.3			P	P	05 22 02.3	-0.4
J58A	baz=175			S	S	05 30 37.1	+2.2
K51A	Iona Station	63.24	351	P	P	05 22 01.5	-1.2
K51A	baz=169			S	S	05 30 33.8	-1.0
J56A	Wolcott	63.26	355	P	P	05 21 59.5	-3.3
J56A	comp=Z,15um,18.0s			I AMs_20	I AMs_20	05 53 11.7	
J56A	baz=174			P	P	05 22 01.7	-1.2
J56A	baz=174			S	S	05 30 36.2	+1.1
J59A	Piesco	63.30	357	P	P	05 22 02.6	-0.6
J59A	comp=Z,17um,20.0s			I AMs_20	I AMs_20	05 50 57.7	
J59A	baz=176,SNR=22			P	P	05 22 01.8	-1.3
J59A	baz=176			S	S	05 30 38.3	+2.6
MEDO	Medina	63.30	354	P	P	05 22 01.6	-1.5
MEDO	comp=Z,144nm,1.1s			I Amb	I Amb	05 22 12.9	
J57A	Williamstown	63.33	356	P	P	05 22 02.3	-1.0
J57A	comp=Z,97nm,0.9s			I Amb	I Amb	05 22 26.4	
J57A	comp=Z,14um,22.0s			I AMs_20	I AMs_20	05 49 33.5	
J57A	baz=175			P	P	05 22 02.1	-1.2
J57A	baz=175			S	S	05 30 38.0	+1.9
J55A	Hilton	63.34	354	P	P	05 22 02.5	-0.8
J55A	comp=Z,126nm,1.1s			I Amb	I Amb	05 22 13.2	
J55A	comp=Z,19um,20.0s			I AMs_20	I AMs_20	05 51 57.6	
J55A	baz=173,SNR=11			P	P	05 22 02.5	-0.8
J55A	baz=173			S	S	05 30 37.1	+1.0
L46A	Eue Claire	63.40	347	P	P	05 22 02.1	-1.7
L46A	comp=Z,16um,19.0s			I AMs_20	I AMs_20	05 52 22.9	
L46A	baz=164			P	P	05 22 02.6	-1.1
L46A	baz=164			S	S	05 30 33.3	-3.6
J54A	Appleton	63.43	354	P	P	05 22 02.8	-1.2
J54A	comp=Z,107nm,0.9s			I Amb	I Amb	05 22 14.3	
J54A	comp=Z,18um,22.0s			I AMs_20	I AMs_20	05 50 32.7	
J54A	baz=172			P	P	05 22 02.7	-1.2
J54A	baz=172			S	S	05 30 38.7	+1.5
K50A	Casco	63.46	350	P	P	05 22 02.6	-1.6
K50A	comp=Z,21um,20.0s			I AMs_20	I AMs_20	05 50 43.6	
K50A	baz=168,SNR=6.2			P	P	05 22 02.5	-1.6
K50A	baz=168			S	S	05 30 36.1	-1.6
HNH	Hanover	63.46	359	P	P	05 22 03.2	-1.0
H58A	Old Forge	63.55	357	P	P	05 22 03.9	-0.9
H58A	baz=176,SNR=24			S	S	05 30 40.6	+1.7
H59A	Olmsteadville	63.60	358	S	S	05 30 41.9	+2.5
K49A	Clarkson	63.60	350	P	P	05 22 04.0	-1.1
K49A	baz=167			S	S	05 30 37.0	-2.5
J52A	Paris	63.61	352	P	P	05 22 03.9	-1.2
J52A	comp=Z,170,SNR=40			S	S	05 30 38.0	-1.5
KSU1	Kansas State U	63.61	338	P	P	05 22 03.6	-1.7
KSU1	baz=153			S	S	05 30 39.3	-0.4
I62A	Tamworth	63.62	360	P	P	05 22 06.4	+1.2
I62A	comp=Z,15um,22.0s			I AMs_20	I AMs_20	05 47 49.2	
I62A	baz=180			P	P	05 22 04.4	-0.8
I62A	baz=180			S	S	05 30 43.2	+3.6
I60A	Shoreham	63.63	358	P	P	05 22 04.6	-0.7
I60A	baz=178			S	S	05 30 43.9	+4.2
I64A	Boothbay	63.67	1	P	P	05 22 05.0	-0.6
I64A	baz=181			S	S	05 30 43.7	+3.5
I61A	Oroboro, Fairl	63.69	359	P	P	05 22 05.0	-0.7
I61A	baz=179			S	S	05 30 43.9	+3.5
I61A	baz=179						

K48A	Perry	63.74	349	P	P	05 22 05.2	-0.8
K48A	baz=166,SNR=8.5			S	S	05 30 38.6	-2.5
K47A	Vermontville	63.77	348	P	P	05 22 06.8	+0.5
K47A	baz=166			S	S	05 30 39.0	-2.6
NCB	Newcomb	63.79	357	P	P	05 22 05.5	-0.9
R32A	Long Quarter,	63.79	336	I Amb	I Amb	05 22 05.0	-1.5
R32A	comp=Z,119nm,0.9s			P	P	05 22 06.5	+0.1
I63A	Otisfield	63.80	0	P	P	05 22 06.4	+0.1
I63A	Otisfield	63.80	0	P	P	05 22 06.4	+0.1
I63A	baz=180			S	S	05 30 45.5	+3.8
I57A	Carthage	63.84	356	P	P	05 22 06.1	-0.5
I57A	baz=175			S	S	05 30 44.0	+1.7
Y22D	IRIS PASSCAL I	63.87	327	P	P	05 22 07.6	+0.3
Y22D	comp=Z,111nm,1.1s			I Amb	I Amb	05 23 02.7	
L44A	Lake County Fo	63.91	346	I AMs_20	I AMs_20	05 50 28.4	
L44A	comp=Z,23um,22.0s			P	P	05 22 06.3	-0.9
L44A	Lake County Fo	63.91	346	P	P	05 22 06.3	-0.9
L44A	baz=162			S	S	05 30 40.2	-3.0
PECO	Prince Edward	63.93	355	P	P	05 22 06.3	-1.0
PECO	comp=Z,13um,18.0s			I AMs_20	I AMs_20	05 53 22.3	
K46A	Dorr	63.94	348	P	P	05 22 06.5	-0.8
K46A	baz=164			S	S	05 30 39.7	-3.9
LBNH	Lisbon	63.99	359	P	P	05 22 07.5	-0.2
LBNH	comp=Z,13um,22.0s			P	P	05 22 07.5	-0.2
LBNH	baz=179			I AMs_20	I AMs_20	05 48 02.0	
LBNH	Lisbon	63.99	359	P	P	05 22 07.0	-0.7
LBNH	baz=179			S	S	05 30 48.0	+3.7
I53A	Kortright Cn E	64.08	353	P	P	05 22 07.2	-1.0
I53A	baz=171			S	S	05 30 45.3	0.0
J49A	Marlette	64.11	350	P	P	05 22 06.6	-1.9
J49A	baz=167			S	S	05 30 43.0	-2.7
J48A	Bridge Port	64.16	350	P	P	05 22 06.8	-2.0
J48A	comp=Z,95nm,0.8s			I Amb	I Amb	05 22 18.1	
J48A	comp=Z,18um,21.0s			I AMs_20	I AMs_20	05 49 28.3	
J48A	Bridge Port	64.16	350	P	P	05 22 06.9	-1.8
J48A	baz=166,SNR=18			S	S	05 30 44.0	-2.3
L42A	Oliver, Polo	64.16	344	P	P	05 22 06.5	-2.3
L42A	comp=Z,13um,19.0s			I AMs_20	I AMs_20	05 54 17.2	
SNA	Sanae	64.22	161	P	P	05 22 10.6	+1.6
SNA	comp=Z,5.4nm,1.2s			PKP2bc	P/Pdf	05 21 06.8	+2.2
SNA	Sanae	64.22	161	P	P	05 22 10.2	+1.2
SNA	comp=Z,5.4nm,1.2s			baz=101,slow	10,SNR=3.7	05 22 09.1	+0.1
SNA	Sanae	64.22	161	P	P	05 22 08.1	-1.2
I51A	Listowel	64.23	352	P	P	05 22 08.1	-1.2
I51A	baz=169,SNR=29			S	S	05 30 45.5	-1.7
H58A	Gabriels	64.23	357	P	P	05 22 08.1	-1.2
H58A	baz=177,SNR=13			S	S	05 30 48.8	+1.5
I55A	Frankford	64.27	355	P	P	05 22 08.1	-1.3
I55A	comp=Z,173,SNR=15			S	S	05 30 48.6	+1.0
H61A	Lyndonville	64.29	359	P	P	05 22 08.7	-0.9
H61A	baz=179			S	S	05 30 51.9	+4.0
J47A	Summer	64.29	349	P	P	05 22 07.8	-1.8
J47A	comp=Z,120nm,0.8s			I Amb	I Amb	05 22 19.0	
J47A	comp=Z,17um,21.0s			I AMs_20	I AMs_20	05 52 00.6	
J47A	Summer	64.29	349	P	P	05 22 08.0	-1.6
J47A	baz=166			S	S	05 30 45.4	-2.5
WVW	Waterville	64.32	1	P	P	05 22 08.0	-1.7
WVW	comp=Z,98nm,1.1s			I Amb	I Amb	05 22 38.4	
WVW	comp=Z,13um,20.0s			I AMs_20	I AMs_20	05 50 58.7	
H62A	Milan	64.32	360	P	P	05 22 09.8	0.0
H62A	comp=Z,91nm,1.1s			I Amb	I Amb	05 22 37.1	
H62A	comp=Z,11um,19.0s			I AMs_20	I AMs_20	05 54 09.7	
H62A	Milan	64.32	360	P	P	05 22 08.4	-1.4
H62A	baz=180			S	S	05 30 52.5	+4.3
ANMO	Albuquerque	64.33	328	P	P	05 22 10.2	-0.1
ANMO	comp=Z,32nm,1.0s			pmax	pmax	05 22 10.2	-0.1
ANMO	Albuquerque	64.33	328	P	P	05 22 10.2	-0.1
ANMO	Albuquerque	64.33	328	P	P	05 22 07.8	-2.5
ANMO	baz=143			S	S	05 30 51.0	+1.9
H60A	Morristown	64.33	359	P	P	05 22 09.0	-0.9
H60A	baz=178			S	S	05 30 52.0	+3.5
H57A	Richville	64.34	356	P	P	05 22 08.9	-1.1
H57A	baz=175,SNR=32			S	S	05 30 50.9	+2.4
I52A	Shelburne	64.39	353	P	P	05 22 08.4	-1.9
H64A	Troy	64.40	1	P	P	05 22 09.6	-0.8
H64A	baz=182			S	S	05 30 52.7	+3.5
H63A	New Sharon	64.41	1	P	P	05 22 09.2	-1.2
H63A	baz=175			S	S	05 30 52.1	+2.8
H59A	Cadyville	64.44	358	P	P	05 22 09.7	-1.0
H59A	baz=177,SNR=6.4			S	S	05 30 52.6	+2.8
LONY	Lake Ozonia	64.45	357	P	P	05 22 0	

H48A	comp=Z,18um,19.0s Harrisville baz=167	65.45	350	P	P	05	22	15.7	-1.4
H48A	baz=167			S	S	05	30	59.4	-2.7
F63A	Nahmakanta, Br comp=Z,13um,20.0s	65.47	1	IAMS_20	IAMS_20	05	49	48.1	
F63A	Nahmakanta, Br baz=182	65.47	1	P	P	05	22	16.7	-0.5
F63A	baz=182			S	S	05	31	04.2	+1.9
G54A	Lake Saint Pet baz=173,SNR=15	65.48	354	P	P	05	22	15.7	-1.7
G54A	baz=173			S	S	05	31	03.6	+1.1
H47A	Mio baz=166	65.50	350	P	P	05	22	16.1	-1.4
H47A	baz=166			S	S	05	31	01.5	-1.3
214A	Organ Pipe Nat comp=Z,123nm,1.3s	65.52	321	IAMB	IAMB	05	22	34.3	
214A	Organ Pipe Nat baz=136,SNR=17	65.52	321	P	P	05	22	15.8	-2.1
214A	baz=136			S	S	05	31	08.6	+5.0
H46A	Fife Lake baz=165	65.61	349	S	S	05	31	01.5	-2.7
F59A	Saint Guillaume baz=178	65.62	358	P	P	05	22	17.2	-1.0
F59A	baz=178			S	S	05	31	07.6	+3.5
F64A	Sherman comp=Z,88nm,0.9s	65.65	2	IAMB	IAMB	05	22	42.8	
F64A	Sherman comp=Z,17um,22.0s	65.65	2	P	P	05	22	17.4	-1.0
F64A	Sherman baz=183			S	S	05	31	07.3	+2.8
F58A	St-Lin Laurent baz=177	65.67	358	S	S	05	31	06.9	+2.2
GBN	GuySBorough GBN	65.70	7	P	IAMB	05	22	19.1	+0.3
GBN	comp=Z,114nm,1.1s			IAMS_20	IAMS_20	05	52	06.5	
F61A	St Evariste baz=180	65.72	360	P	P	05	22	18.4	-0.5
F61A	baz=180			S	S	05	31	08.4	+3.0
F60A	Warwick baz=179	65.72	359	P	P	05	22	18.0	-0.9
F60A	baz=179			S	S	05	31	08.4	+3.0
I42A	Draeger Farm, Otter Lake	65.76	346	P	P	05	22	16.3	-2.9
F55A	baz=174	65.77	356	P	P	05	22	18.0	-1.2
F55A	baz=174			S	S	05	31	08.1	+2.0
GLMI	Graying GLMI	65.79	349	P	P	05	22	17.8	-1.6
GLMI	comp=Z,19um,22.0s			IAMS_20	IAMS_20	05	50	28.3	
GLMI	Graying baz=166	65.79	349	P	P	05	22	18.1	-1.3
GLMI	baz=166			S	S	05	31	04.5	-1.8
X18A	Snowflake comp=Z,133nm,1.6s	65.81	325	IAMB	IAMB	05	22	36.2	
X18A	comp=Z,18um,20.0s			IAMS_20	IAMS_20	05	49	44.0	
LMN	Caledonia Moun LMN	65.82	5	P	IAMB	05	22	17.6	-1.9
LMN	comp=Z,101nm,0.9s			IAMS_20	IAMS_20	05	50	21.7	
H45A	Beulah baz=164	65.85	348	P	P	05	22	18.0	-1.7
H45A	baz=164			S	S	05	31	03.5	-3.6
KSCO	Kaye Shedlock baz=147	65.88	333	P	P	05	22	18.5	-1.8
KSCO	baz=147			S	S	05	31	09.8	+1.9
F52A	Sundridge baz=171,SNR=26	65.99	354	P	P	05	22	19.1	-1.6
F52A	baz=171			S	S	05	31	08.6	-0.2
G47A	Hillman baz=167	66.00	350	P	P	05	22	21.2	-1.3
G47A	baz=167			S	S	05	31	06.5	-2.3
ALGO	Algonquin Park baz=173,SNR=8.5	66.03	354	P	P	05	22	19.2	-1.7
ALGO	baz=173			S	S	05	31	10.7	+1.6
H43A	Windswept, Lux comp=Z,72nm,0.8s	66.06	347	IAMB	IAMB	05	22	30.6	
H43A	comp=Z,20um,20.0s			IAMS_20	IAMS_20	05	51	53.3	
SDCO	Great Sand Dun SDCO	66.11	330	P	IAMB	05	22	20.9	-1.1
SDCO	Great Sand Dun baz=144,SNR=28	66.11	330	P	P	05	22	20.2	-1.7
SDCO	baz=144			S	S	05	31	15.1	+3.9
E60A	Ste Agathe de baz=179	66.11	360	P	P	05	22	20.9	-0.5
E60A	baz=179			S	S	05	31	13.4	+3.2
W18A	Petrified Fore comp=Z,14um,18.0s	66.14	326	IAMS_20	IAMS_20	05	50	06.8	
W18A	Petrified Fore baz=140,SNR=22	66.14	326	P	P	05	22	20.3	-1.8
W18A	baz=140			S	S	05	31	16.0	+4.5
E58A	La Victoria baz=178,SNR=16	66.15	358	P	P	05	22	20.8	-0.8
E58A	baz=178			S	S	05	31	13.0	+2.3
I40A	Norwalk comp=Z,19um,19.0s	66.17	344	P	IAMS_20	05	22	19.9	-2.0
I40A	baz=180			S	S	05	31	21.2	-0.6
E61A	Lac Etchemin baz=180	66.18	0	P	P	05	31	14.4	+3.4
E61A	baz=180			S	S	05	31	14.4	+3.4
G45A	Suttons Bay comp=Z,80nm,0.8s	66.18	349	IAMB	IAMB	05	23	08.6	
G45A	comp=Z,17um,19.0s			IAMS_20	IAMS_20	05	53	07.8	
G45A	Suttons Bay baz=165	66.18	349	P	P	05	22	20.2	-1.6
G45A	baz=165			S	S	05	31	08.7	-2.4
F51A	Armstein baz=171,SNR=6.4	66.19	353	P	P	05	22	19.8	-2.1
F51A	baz=171			S	S	05	31	11.0	-0.1
BGNE	Belgrade comp=Z,14um,21.0s	66.20	338	IAMS_20	IAMS_20	05	53	58.0	
BGNE	Belgrade baz=152,SNR=9.4	66.20	338	P	P	05	22	21.2	-0.9
BGNE	baz=152			S	S	05	31	12.0	+0.4
E63A	Oxbow comp=Z,73nm,1.0s	66.20	2	P	IAMB	05	22	21.6	-0.4
E63A	comp=Z,18um,21.0s			IAMS_20	IAMS_20	05	50	20.6	
E63A	Oxbow baz=182	66.20	2	P	P	05	22	20.8	-1.1
E63A	baz=182			S	S	05	31	13.6	+2.3
E64A	Bridgewater baz=183	66.22	2	P	P	05	22	21.3	-0.7
E64A	baz=183			S	S	05	31	13.7	+2.2
E57A	Chemin Saint G baz=177	66.22	357	P	P	05	22	20.7	-1.5
E57A	baz=177			S	S	05	31	14.1	+2.4
E59A	St. Maurice baz=178	66.24	359	S	S	05	31	14.3	+2.6
F49A	Sandfield baz=169	66.30	351	P	P	05	22	20.9	-1.7
F49A	baz=169			S	S	05	31	10.3	-2.2

G46A	Petoskey baz=166	66.31	349	P	P	05	22	21.0	-1.7
G46A	baz=166			S	S	05	31	10.9	-1.7
E55A	Mosert-Lytto baz=175,SNR=7.9	66.37	356	P	P	05	22	21.5	-1.5
E55A	baz=175			S	S	05	31	15.1	+1.8
E56A	St. Veronique baz=176	66.40	357	P	P	05	22	21.9	-1.3
E56A	baz=176			S	S	05	31	15.6	+1.9
E52A	Mattawa baz=172	66.41	354	P	P	05	22	21.9	-1.4
E52A	baz=172			S	S	05	31	14.5	+0.7
E53A	Dumoine, Ponti baz=173	66.41	355	P	P	05	22	21.9	-1.5
E53A	baz=173			S	S	05	31	15.0	+1.1
E54A	Lac Duplat, Po baz=174	66.43	355	P	P	05	22	21.8	-1.6
E54A	baz=174			S	S	05	31	15.5	+1.4
F48A	Evansville baz=168	66.44	351	P	P	05	22	21.4	-2.1
F48A	baz=168			S	S	05	31	12.0	-2.3
PQI	Presque Isle PQI	66.46	2	P	IAMS_20	05	22	23.1	-0.5
PQI	comp=Z,19um,22.0s			IAMS_20	IAMS_20	05	50	15.5	
X16A	Lo Mia Camp, P X16A	66.54	324	P	IAMS_20	05	22	22.6	-2.1
X16A	comp=Z,15um,20.0s			IAMS_20	IAMS_20	05	50	16.3	
D60A	Saint Jean D'O baz=180	66.66	360	P	P	05	22	23.0	-1.8
D60A	baz=180			S	S	05	31	20.3	+3.6
S22A	4UR Ranch, Cre S22A	66.73	330	P	P	05	22	25.4	-0.5
S22A	4UR Ranch, Cre baz=143,SNR=13	66.73	330	P	P	05	22	24.0	-1.9
S22A	baz=143			S	S	05	31	22.2	+3.5
E51A	G1948 Merrick baz=171	66.74	354	P	P	05	22	24.3	-1.1
E51A	baz=171			S	S	05	31	18.0	+0.1
D59A	Saint-Raymond baz=179	66.76	359	P	P	05	22	24.5	-1.0
D59A	baz=179			S	S	05	31	21.0	+3.0
F45A	CMU Biological baz=165	66.78	349	P	P	05	22	23.9	-1.7
F45A	baz=165			S	S	05	31	15.7	-2.6
D57A	Chemin Vers le baz=177,SNR=12	66.82	358	P	P	05	22	25.6	-0.4
D57A	baz=177			S	S	05	31	20.8	+2.0
D63A	Stockholm baz=183	66.83	2	P	P	05	22	24.5	-1.5
D63A	baz=183			S	S	05	31	21.1	+2.3
D62A	Allapoint, All D62A	66.85	1	P	IAMB	05	22	23.9	-2.1
D62A	comp=Z,87nm,0.8s			IAMS_20	IAMS_20	05	50	40.6	
D62A	comp=Z,15um,21.0s			IAMS_20	IAMS_20	05	50	40.6	
D62A	Allapoint, All baz=182	66.85	1	P	P	05	22	25.1	-0.9
D62A	baz=182			S	S	05	31	21.0	+2.0
D58A	Chemin du LacG baz=178	66.87	358	P	P	05	22	25.2	-1.0
D58A	baz=178			S	S	05	31	21.6	+2.3
D56A	ZEO Mazanza, M baz=176	66.89	357	P	P	05	22	25.2	-1.2
D56A	baz=176			S	S	05	31	20.9	+1.2
D55A	Sainte-Anne-du baz=175	66.89	357	P	P	05	22	25.3	-1.1
D55A	baz=175			S	S	05	31	22.0	+1.1
D61A	St Aubert, Com baz=181	66.95	0	P	P	05	22	25.6	-1.1
D61A	baz=181			S	S	05	31	23.1	+2.8
E48A	Lockeyer baz=168	67.02	352	P	P	05	22	25.8	-1.4
E48A	baz=168			S	S	05	31	19.8	-1.3
Y14A	Wickenburg Lac Fusel, La	67.06	323	P	P	05	22	26.3	-1.5
D54A	baz=174,SNR=12	67.10	356	P	P	05	22	26.5	-1.2
D54A	baz=174			S	S	05	31	23.9	+1.7
D53A	Lac Vacive, Po D53A	67.11	355	P	IAMB	05	22	25.8	-2.0
D53A	comp=Z,72nm,0.9s			IAMS_20	IAMS_20	05	51	50.5	
D53A	comp=Z,12um,21.0s			IAMS_20	IAMS_20	05	51	50.5	
D53A	Lac Vacive, Po baz=173	67.11	355	P	P	05	22	26.6	-1.2
D53A	baz=173			S	S	05	31	22.9	+0.6
MVCO	Mesa Verde MVCO	67.12	328	P	IAMB	05	22	25.4	-3.0
MVCO	comp=Z,249nm,1.6s			IAMB	IAMB	05	22	45.2	
MVCO	Mesa Verde baz=142,SNR=26	67.12	328	P	P	05	22	26.7	-1.6
MVCO	baz=142			S	S	05	31	27.4	+4.0
LATQ	La Tuque LATO	67.15	359	P	IAMB	05	22	26.2	-1.8
LATQ	comp=Z,188nm,1.9s			IAMB	IAMB	05	22	59.1	
LATQ	La Tuque baz=178	67.15	359	P	P	05	22	26.9	-1.1
LATQ	baz=178			S	S	05	31	24.2	+1.5
E47A	Iron Bridge baz=167,SNR=14	67.15	351	P	P	05	22	26.9	-1.1
E47A	baz=167			S	S	05	31	20.7	-2.1
BATG	Bathurst New B BATG	67.16	4	P</					

Table with columns for team names (e.g., SCM, GEC2, GERES), scores, and other statistics. Includes sub-headers like IAMS_20, IAMS_20, 06 18 58.7.

Table with columns for team names (e.g., TREC, COP, OHAK), scores, and other statistics. Includes sub-headers like MLR, MLR, 05 25 42.6 +12.

Table with columns for team names (e.g., AKASG, CSS, CAN, TOO), scores, and other statistics. Includes sub-headers like PKIKP, PKIKP, 05 30 08.5 -0.2.

MSTX	Muleshoe	61.65 330	P	Iamb	05 29 52.9 +0.8
MSTX	comp-Z,21nm,1.1s				05 29 54.5
MSTX	Muleshoe	61.65 330	P	P	05 29 53.0 +0.8
M54A	Oil Creek Stat	61.71 353	P	P	05 29 54.1 +1.8
M54A	Oil Creek Stat	61.71 353	P	P	05 29 53.6 +1.3
N49A	Columbus Grove	61.83 349	P	P	05 29 53.9 +0.9
N49A	Columbus Grove	61.83 349	P	P	05 29 53.0 -0.1
M51A	Elyria	61.89 350	P	P	05 29 53.4 -0.1
AMTX	Amarillo	61.91 332	P	P	05 29 53.4 -0.4
N48A	Decatur	61.93 348	P	P	05 29 55.7 +2.0
M52A	Chesterland	61.97 351	P	P	05 29 55.5 +1.6
L59A	Walton	61.97 356	P	Iamb	05 29 54.3 +0.3
L59A	comp-Z,17nm,1.0s				05 29 58.0
L59A	Walton	61.97 356	P	P	05 29 55.8 +1.8
BINY	Binghamton	62.04 356	P	Iamb	05 29 55.1 +0.7
BINY	comp-Z,20nm,1.1s				05 29 58.9
L56A	Greenwood	62.10 354	P	P	05 29 56.4 +1.5
L56A	Greenwood	62.10 354	P	P	05 29 56.2 +1.3
L53A	Girard	62.22 352	P	P	05 29 57.0 +1.3
L55A	Hinsdale	62.23 354	P	P	05 29 57.1 +1.3
M49A	Liberty Center	62.33 349	P	P	05 29 58.2 +1.8
K62A	Royalston	62.34 359	P	P	05 29 58.3 +1.9
L54A	Sinclairville	62.38 353	P	P	05 29 58.6 +1.8
WVNY	West Valley, N	62.47 354	P	P	05 29 57.7 +0.4
K59A	Cooperstown	62.54 357	P	P	05 29 59.6 +1.8
K58A	Earlville	62.58 356	P	P	05 29 58.6 -1.3
K58A	Earlville	62.58 356	P	P	05 29 59.9 +1.8
K57A	SciPIO Center	62.60 355	P	P	05 30 00.3 +2.1
HDIL	Hopedale	62.61 344	P	P	05 29 60.0 +1.7
K54A	Basillko Farm,	62.68 354	P	P	05 30 00.8 +2.0
K55A	Perry	62.74 354	P	P	05 30 00.5 +1.4
J61A	Henniker	62.89 359	P	P	05 30 00.8 +0.7
J62A	Chester	63.02 359	P	P	05 30 03.3 +2.3
121A	Cookes Peak, D	63.02 325	P	P	05 30 03.0 +1.5
L47A	Sherwood	63.04 348	P	P	05 30 02.7 +1.5
J58A	Remsen	63.15 356	P	P	05 30 02.8 +0.9
J58A	Remsen	63.15 356	P	P	05 30 04.4 +2.5
J56A	Wolcott	63.17 355	P	P	05 30 04.3 +2.4
J59A	Piesco	63.21 357	P	P	05 30 03.5 +1.2
J59A	Piesco	63.21 357	P	P	05 30 04.1 +1.1
J55A	Hilton	63.25 354	P	P	05 30 05.0 +2.6
L46A	Eue Claire	63.30 347	P	P	05 30 05.1 +2.2
158A	Old Forge	63.46 357	P	P	05 30 06.2 +2.3
K5U1	Kansas State U	63.51 338	P	P	05 30 05.1 +0.8
J52A	Paris	63.52 352	P	P	05 30 05.4 +1.1
K48A	Perry	63.64 349	P	P	05 30 05.7 +0.6
NCB	Newcomb	63.70 357	P	P	05 30 07.0 +1.5
J48A	Bridgeport	64.07 350	P	P	05 30 09.2 +1.3
151A	Listowel	64.14 352	P	P	05 30 09.7 +1.4
155A	Frankford	64.18 355	P	P	05 30 09.7 +1.2
ANMO	Albuquerque	64.22 328	P	P	05 30 09.6 +0.2
ANMO	Albuquerque	64.22 328	P	P	05 30 08.9 -0.5
ANMO	Albuquerque	64.22 328	P	P	05 30 09.6 +0.2
H57A	Richville	64.25 356	P	P	05 30 11.2 +2.1
H63A	New Sharon	64.32 1 P	P	P	05 30 12.6 +3.1
H59A	Cadyville	64.35 358	P	P	05 30 12.1 +2.3
LONY	Lake Ozona	64.37 357	P	P	05 30 11.5 +1.6
CBKS	Cedar Bluff	64.43 335	P	P	05 30 11.8 +1.4
H56A	Elgin	64.44 356	P	P	05 30 11.9 +1.7
TUC	Tucson	64.51 323	P	P	05 30 12.2 +1.1
H66A	Whiting	64.53 3 P	P	P	05 30 13.2 +2.4
I49A	Point Hope	64.53 350	P	P	05 30 10.2 -0.7
I49A	comp-Z,12nm,0.9s				05 30 14.2
I49A	Point Hope	64.53 350	P	P	05 30 12.3 +1.4
H53A	Bocbaygeon	64.62 354	P	P	05 30 13.5 +2.1
SADO	Sadowa	64.87 354	P	P	05 30 13.1 0.0
SADO	Sadowa	64.87 354	P	P	05 30 14.0 +0.9
SADO	comp-Z,19nm,0.9s				05 30 22.3
G57A	Newington	64.87 357	P	P	05 30 14.5 +1.4
G58A	Ormsworn	64.87 358	P	P	05 30 14.5 +1.5
G62A	West of Eustis	64.88 0 P	P	P	05 30 15.7 +2.6
I47A	Gladwin	64.89 349	P	P	05 30 15.1 +1.8
I48A	Sherman Twp	64.92 350	P	P	05 30 14.3 +0.9
PKME	Peaks-Kenny Pk	64.94 1 P	P	P	05 30 15.4 +1.9
G61A	St-Isidore-de-	64.94 359	P	P	05 30 15.9 +2.3
136A	State Center	64.94 342	P	P	05 30 15.5 +1.9
SCIA	Reed City	64.99 348	P	P	05 30 14.7 +0.8
JFWS	Jewell Farm	65.07 344	P	P	05 30 15.0 +0.5
G53A	Haliburton	65.16 354	P	P	05 30 15.9 +0.9
214A	Organ Pipe Nat	65.42 321	P	P	05 30 18.6 +1.6
F64A	Sherman	65.56 2 P	P	P	05 30 18.6 +1.1
H45A	Beulah	65.76 348	P	P	05 30 21.1 +2.2
F52A	Sundridge	65.90 354	P	P	05 30 20.9 +1.1
ALGO	Algonquin Park	65.93 355	P	P	05 30 21.6 +1.6
H43A	Windswept, Lux	65.96 347	P	Iamb	05 30 20.6 +0.4
SDCO	Great Sand Dun	66.01 330	P	Iamb	05 30 20.0 -1.0
SDCO	comp-Z,9.8nm,1.1s				05 30 24.6
SDCO	Great Sand Dun	66.01 330	P	P	05 30 22.4 +1.4
W18A	Petrified Fore	66.05 326	P	P	05 30 22.5 +1.3
E58A	La Victoria	66.06 358	P	P	05 30 23.1 +2.4
E61A	Lao Etchemin	66.09 0 P	P	P	05 30 22.6 +1.6

F51A	Arnstein	66.10 353	P	P	05 30 22.4 +1.4
E56A	St. Veronique	66.31 357	P	P	05 30 24.0 +1.6
S22A	4UR Ranch, Cre	66.63 330	P	P	05 30 26.4 +1.3
E51A	G1948 Merrick	66.65 354	P	P	05 30 25.2 +0.7
D62A	Allapoint, All	66.76 1 P	P	P	05 30 26.4 +1.2
D62A	Allapoint, All	66.76 1 P	P	P	05 30 26.7 +1.4
D58A	Chemin du LacG	66.78 359	P	P	05 30 27.0 +1.6
D53A	Lac Vacive, Po	67.02 355	P	P	05 30 27.6 +0.7
D53A	Lac Vacive, Po	67.02 355	P	P	05 30 27.6 +0.7
MVCO	Mesa Verde	67.02 328	P	P	05 30 28.4 +0.9
E47A	Iron Bridge	67.06 351	P	P	05 30 28.3 +1.1
BATG	Bathurst New B	67.08 4 P	Iamb	Iamb	05 30 28.2 +1.0
BATG	comp-Z,17nm,1.5s				05 30 28.7
D51A	Lot 18 Range I	67.19 354	P	P	05 30 29.3 +1.4
WUAZ	Wupatki	67.22 325	P	P	05 30 31.0 +2.3
D50A	G1974 Best Tow	67.31 353	P	P	05 30 30.8 +2.1
G4A	Glami	67.39 321	P	P	05 30 31.4 +1.8
DL6A	Sault St. Mari	67.60 350	P	P	05 30 33.8 +3.2
D47A	Chapleau	67.62 351	P	P	05 30 31.4 +0.6
E43A	Lone Tree Farm	67.63 348	P	P	05 30 31.2 +0.4
ECSO	EROS Data Cent	67.65 340	P	Iamb	05 30 32.2 +1.2
ECSO	comp-Z,19nm,1.5s				05 30 38.6
ECSO	EROS Data Cent	67.65 340	P	P	05 30 31.9 +0.9
E44A	Grand Marais A	67.66 349	P	P	05 30 31.8 +0.9
Y12C	Blythe	67.71 322	P	P	05 30 33.6 +2.1
ISCO	Idaho Springs	67.73 332	P	P	05 30 33.1 +1.2
PDMC1	Parker Dam,Lak	67.88 322	P	P	05 30 34.7 +2.1
IKP	In-Ko-Pah, Jac	67.88 320	P	P	05 30 34.4 +1.7
SWSC	San W. Stewart	67.90 320	P	P	05 30 34.6 +1.8
PV04	Paradox Valley	68.15 329	P	P	05 30 35.7 +1.2
BC3	Big Chuckawalla	68.19 321	P	P	05 30 36.4 +1.7
MONP2	Monument Peak	68.24 320	P	P	05 30 36.9 +1.7
BAR	Barrett	68.24 319	P	Iamb	05 30 36.0 +0.9
BAR	comp-Z,18nm,1.1s				05 30 38.8
W13A	Hualapai Mount	68.31 323	P	P	05 30 37.0 +1.4
IRM	Iron Mountain	68.36 321	P	P	05 30 37.3 +1.6
U15A	North Rim	68.40 325	P	Iamb	05 30 37.5 +1.3
U15A	comp-Z,12nm,1.0s				05 30 40.2
109C	Camp Elliot, M	68.65 319	P	P	05 30 39.3 +1.8
BELC	Belle Mtn. Jos	68.75 321	P	P	05 30 40.2 +1.9
XPFO	Pion Flat	68.75 320	P	P	05 30 37.4 -0.9
PFO	Pinyon Flats O	68.76 320	P	P	05 30 40.1 +1.8
PFO	Pinyon Flats O	68.76 320	P	P	05 30 37.2 -1.2
PFO	Pinyon Flats O	68.76 320	P	P	05 30 40.6 +2.3
N23A	Red Feather L	68.76 332	P	P	05 30 39.8 +1.4
PHWY	Pine Hill	68.89 333	P	P	05 30 38.2 -0.9
LSOQ	Label-sur-Quev	68.93 356	P	P	05 30 40.7 +1.9
GMRC	Granite Mounta	69.10 322	P	P	05 30 41.4 +0.9
KNB	Knob	69.12 325	P	P	05 30 41.3 +0.8
MURC	Murrieta	69.19 320	P	P	05 30 42.6 +1.7
O20A	White River Ci	69.20 330	P	P	05 30 42.9 +1.9
LCMT	Litt Creek M	69.34 325	P	P	05 30 42.9 +0.9
SRU	San Rafael Swe	69.35 328	P	P	05 30 41.4 -1.5
HEC	Hector,Ludlow	69.53 321	P	P	05 30 44.1 +1.1
MTPU	Mount Pierson	69.54 326	P	P	05 30 45.0 +1.7
O16A	Oakdale Valley	69.69 327	P	P	05 30 44.9 +1.3
SZCU	Shurtz Canyon	69.69 325	P	P	05 30 45.4 +1.9
TUQ	Turquoise Moun	69.71 322	P	P	05 30 46.0 +1.8
CCUT	Cedar City	69.80 325	P	P	05 30 46.2 +1.4
PTA	Butcher Ranch,	69.89 328	P	P	05 30 46.5 +1.2
MSU	Marysvale	69.89 327	P	P	05 30 47.2 +1.8
BFSC	Mount Baldy Ra	69.91 320	P	P	05 30 47.1 +1.6
SHPR	Sheep Range	70.03 323	P	P	05 30 45.9 -0.3
DBIC	Dimbokro	70.10 75 P	P	P	05 30 45.5 -1.3
DBIC	comp-Z,12nm,1.1s				05 30 47.8
TCRU	The Creeks R	70.10 326	P	P	05 30 47.1 +0.4
GSC	Goldstone, Bar	70.13 321	P	P	05 30 46.4 -0.4
GSC	Goldstone, Bar	70.13 321	P	P	05 30 48.7 +1.9
RDMU	Red Mountain	70.17 330	P	P	05 30 48.5 +1.5
OSPA	South Pole Qui	70.21 180	P	Iamb	05 30 48.6 +1.7
SHOC	Shoshone, Teo	70.24 322	P	P	05 30 49.8 +2.5
EDW2	Edwards Air Fo	70.55 320	P	P	05 30 51.0 +1.7
RSSD	Black Hills	70.64 335	P	P	05 30 49.4 -0.4
RSSD	Black Hills	70.64 335	P	P	05 30 50.9 +1.1
MPU	Maple Canyon	70.75 328	P	P	05 30 50.5 -1.0
PSUT	Pine Spring	70.79 326	P	P	05 30 49.4 -1.4
NLU	North Lily Mtn	70.92 328	P	P	05 30 52.4 +0.8
TPNV	Topopah Spring	70.96 323	P	Iamb	05 30 52.3 +1.3
TPNV	comp-Z,11nm,0.9s				05 30 57.8
TPNV	Topopah Spring	70.96 323	P	P	05 30 53.8 +1.9
FURC	Furnace Creek,	70.98 322	P	P	05 30 53.6 +1.9
MPMC	Manual Prospec	71.06 322	P	P	05 30 54.6 +2.0
JLU	Jordanelle	71.10 328	P	P	05 30 53.8 +1.0
CTU	Camp Tracy	71.32 328	P	P	05 30 55.1 +1.1
ISA	Isabella, Lake	71.37 321	P	Iamb	05 30 54.7 +0.4
ISA	comp-Z,12nm,1.0s				05 30 58.2
ISA	Isabella, Lake	71.37 321	P	P	05 30 55.5 +1.3
DUG	Dugway, Tooele	71.47 327	P	Iamb	05 30 55.5 +0.6
DUG	comp-Z,10nm,0.9s				05 30 58.5
DUG	Dugway, Tooele	71.47 327	P	P	05 30 57.0 +2.1
R11A	Troy Canyon, C	71.59 324	P	P	05 30 58.0 +0.1
R11A	Troy Canyon, C	71.59 324	P	P	05 30 57.4 +1.7
PKM	Mpfferson Pk	71.66 319	P	P	05 30 58.1 +2.0
CWC	Cottonwood Cre	71.67 321	P	P	05 30 58.0 +1.8
YES	Vestal, Richgr	71.86 320	P	P	05 30 58.6 +1.6
PDAR	Pinedale Array	71.88 331	P	P	05 30 58.7 +1.3
PDAR	Pinedale Array	71.88 331	P	P	05 30 57.6 +0.3
HWUT	Hardware Ranch	71.92 329	P	P	05 30 57.4 -0.2
SMMC	Simmer	72.06 319	P	P	05 31 00.7 +2.4
BGU	Big Grass Mow	72.13 328	P	P	05 31 01.1 +2.2
TIN	Tinemaha, Big	72.17 322	P	P	05 31 01.3 +2.2
MLAC	Mammoth, Mammo7	72.92 322	P	P	05 31 06.2 +2.5

17d 5h

Table of station data for 17d 5h, including columns for code, station name, frequency, power, and other technical details.

2014 MAR

Table of station data for 2014 MAR, including columns for code, station name, frequency, power, and other technical details.

890

Table of station data for 890, including columns for code, station name, frequency, power, and other technical details.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WHN, CJC, SLVN, JNU, GYA, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DZM, DZM, MK31, MK31, etc.

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

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

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

Table with columns: SIV, San Ignacio, 10.10 69 Pn, 06 04 20.9 +1.9, TORO, Ar. Bea, 78.56 71 P, 06 13 54.9 -1.7, YKA, Yellowknife Arr, 89.08 341 P, 06 14 49.5 +0.3, MKAR, Makanchi Array, 145.36 33 PKPbc, 06 21 32.4 -0.1

IDC 17 06:04:48.8.2.9, 201:16S:70:51W, h0km, mb3.6/1, mb1 3.5/4, mb1mx3.3/3k, mbtmp3.5/4, ML3.3/3, Error ellipse: s-maj=60.7km s-min=20.3km az=75.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LVC, Limon Verde, 2.86 149 Pn, 06 05 34.1 -1.9, LPAZ, La Paz, 4.47 31 Pn, 06 06 00.6 +2.1, TORO, Torodi Arr, 78.56 71 P, 06 16 10.2 -2.2, MKAR, Makanchi Array, 145.39 34 PKPbc, 06 24 28.1 -0.6

IDC 17 06:05:47.1.1.0, 201:01S:70:71W, h0km, mb3.8/6, mb1 4.0/9, mb1mx3.8/2, mbtmp3.9/9, ML3.7/3, Error ellipse: s-maj=27.9km s-min=15.3km az=67.0, GUC 17 06:05:50.2.1.1, 20:09S:70:89W, h35km, 7km, ML4.0, ISC 17 06:05:47.1.1, 20:04S:0:04W, h0km, n19, n27, r128/30, mb3.9/5, 2C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PSGC, Pisagua, 0.80 56 eP, 06 06 05.3 -0.1, TA01, Diego Aracena, 0.80 131 iP, 06 06 04.9 -0.5, PATCX, Punta Patache, 1.00 141 iP, 06 06 07.9 -0.3, PB02, IPOC Station P, 1.59 146 iP, 06 06 15.8 +0.1, PB08, IPOC Station P, 1.58 94 iP, 06 06 18.2 +0.1, GO01, Chusmiza, 1.58 77 iP, 06 06 18.7 +0.5, AP01, Chacalluta, 1.73 16 eP, 06 06 20.7 -0.2, LVC, Limon Verde, 3.12 145 Pn, 06 06 39.0 +1.4, LPAZ, La Paz, 4.53 35 Pn, 06 07 16.7 +1.5, CFA, Coronel Fontan, 11.75 169 Pn, 06 08 36.2 +0.5, PLCA, Paso Flores, 20.62 179 P, 06 10 28.9 +1.3, PTGA, Pitinga, 21.94 30 P, 06 10 42.9 +0.9, PB11, Brasilia, 22.15 82 P, 06 10 43.3 -1.0, NVAR, Mina Array Bea, 72.25 323 P, 06 17 21.5 +1.7, TORO, Torodi Arr, 78.56 71 P, 06 17 49.3 -1.2, YKA, Yellowknife Arr, 89.23 341 P, 06 18 43.8 +0.1, H11S2, WAKE ISLAND Hyt25.90 279 T, 08 44 14.4, H11S1, WAKE ISLAND Hyt25.91 279 T, 08 44 11.9, H11S3, WAKE ISLAND Hyt25.92 279 T, 08 44 13.8, H11N3, WAKE ISLAND Hyt25.95 280 T, 08 44 16.9, H11N2, WAKE ISLAND Hyt25.96 280 T, 08 44 16.9, H11N1, WAKE ISLAND Hyt25.96 280 T, 08 44 16.9, MKAR, Makanchi Array, 145.36 33 PKPbc, 06 25 26.7 +0.2, SONM, Songo Array, 152.19 4 PKPbc, 06 25 44.5 +0.4, SONM, Songo Array, 152.19 4 PKPbc, 06 25 53.3 -0.4

IDC 17 06:08:43.2.2.1, 202:20S:70:75W, h0km, mb3.4/2, mb1 3.5/4, mb1mx3.4/3, mbtmp3.3/4, ML3.1/2, Error ellipse: s-maj=64.3km s-min=35.8km az=72.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LVC, Limon Verde, 2.95 145 Pn, 06 09 31.9 +0.2, LPAZ, La Paz, 4.62 33 Pn, 06 09 59.9 +0.9, TORO, Torodi Arr, 78.56 71 P, 06 20 46.9 -0.3, YKA, Yellowknife Arr, 89.40 341 P, 06 21 40.9 -0.5, MKAR, Makanchi Array, 145.55 33 PKPbc, 06 25 28.3 -0.3, IDC 17 06:09:10.0.1.3, 19:98S:70:84W, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.6/3, mbtmp3.6/6, ML3.8/2, Error ellipse: s-maj=34.7km s-min=19.5km az=65.0, ISC 17 06:09:11.4.1.3, 19:96S:0:06W, h0km, n19, n135/15, mb3.6/3, Near coast of northern Chile, Code, Station Name, Az, Phase ID, Time, Res, TA01, Diego Aracena, 0.82 138 eP, 06 09 16.7 -1.1, PATCX, Punta Patache, 1.04 146 eP, 06 09 44.2 -1.2, PB02, IPOC Station P, 1.59 149 eP, 06 09 39.7 -1.2, PB01, IPOC Station P, 1.62 132 eP, 06 09 40.4 -1.1, LVC, Limon Verde, 3.16 147 Pn, 06 10 02.8 +1.1, LVC, Limon Verde, 3.16 147 Pn, 06 10 40.4 +0.8, LVC, Limon Verde, 3.16 147 Pn, 06 10 49.5, LPAZ, La Paz, 4.43 35 Pn, 06 10 27.7 -2.0

Table with columns: SIV, San Ignacio, 10.04 68 Pn, 06 11 37.2 +1.4, PLCA, Paso Flores, 20.71 180 P, 06 13 52.6 -1.8, BDFB, Brasilia, 22.08 82 P, 06 14 09.1 +2.0, TORO, Torodi Arr, 78.50 71 P, 06 21 12.7 -0.7, YKA, Yellowknife Arr, 89.17 341 P, 06 22 07.2 +0.4, H11S2, WAKE ISLAND Hyt25.94 279 T, 08 47 37.2, H11S1, WAKE ISLAND Hyt25.94 279 T, 08 47 37.2, H11S3, WAKE ISLAND Hyt25.95 279 T, 08 47 40.4, H11N3, WAKE ISLAND Hyt25.98 280 T, 08 47 39.9, H11N2, WAKE ISLAND Hyt26.00 280 T, 08 47 40.2, H11N1, WAKE ISLAND Hyt26.00 280 T, 08 47 42.4, MKAR, Makanchi Array, 145.36 33 PKPbc, 06 28 50.2 +0.6, SONM, Songo Array, 152.09 4 PKPbc, 06 29 06.4 -1.2

IDC 17 06:10:20.9.2.4, 20:59S:70:91W, h0km, mb3.8/2, mb1 4.0/4, mb1mx3.6/3, mbtmp3.9/4, ML3.2/2, Error ellipse: s-maj=76.6km s-min=47.6km az=166.0, NEIC 17 06:10:25.3.2.1, 19:80S:0:06W, h0km, n19, n135/15, mb3.6/3, Near coast of northern Chile, ISC 17 06:10:25.3.2.1, 19:80S:0:06W, h0km, n15, r184/17, mb3.8/3, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PB11, IPOC Station P, 1.07 89 Pn, 06 10 47.1 +1.2, GO01, Chusmiza, 1.51 86 Pn, 06 10 54.4 +1.7, PB01, IPOC Station P, 1.76 136 Pn, 06 10 54.1 -1.7, PB04, IPOC Station P, 2.62 167 Sn, 06 11 10.7 -1.5, LVC, Limon Verde, 3.33 148 Pn, 06 11 19.5 +2.0, LPAZ, La Paz, 4.40 37 Pn, 06 11 38.5 -2.6, GO06, Curarehue, 19.75 182 P, 06 14 55.5 +0.3, PTGA, Pitinga, 21.70 31 P, 06 15 15.2 -1.2, TORO, Torodi Arr, 78.47 71 P, 06 22 25.6 -1.3, YKA, Yellowknife Arr, 88.99 341 P, 06 23 19.8 +0.1, MKAR, Makanchi Array, 145.22 33 PKPbc, 06 30 03.0 +0.3, MKAR, Makanchi Array, 145.22 33 PKPbc, 06 30 03.0 +0.3

IDC 17 06:13:38.1.1.0, 19:95S:70:98W, h0km, mb3.6/6, mb1 4.0/8, mb1mx3.8/2, mbtmp3.8/8, ML3.7/2, Error ellipse: s-maj=31.5km s-min=14.6km az=55.0, NEIC 17 06:13:38.9.1.9, 19:20S:0:04W, h0km, n19, n135/15, mb3.6/3, Near coast of northern Chile, GUC 17 06:13:41.5.0.6, 19:99S:70:88W, h40km, 2km, ML3.8, ISC 17 06:13:37.8.1.8, 19:96S:0:04W, h0km, n19, n135/15, mb3.6/3, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PATCX, Punta Patache, 1.19 136 iP, 06 14 15.7 -0.7, PB11, IPOC Station P, 1.31 81 iP, 06 14 02.6 -0.2, PB11, IPOC Station P, 1.31 81 iP, 06 14 02.4 -0.4, PB02, IPOC Station P, 1.72 142 iP, 06 14 29.9 -0.8, GO01, Chusmiza, 1.75 81 Pn, 06 14 10.1 -0.5, PB08, IPOC Station P, 1.77 96 iS, 06 14 10.1 +0.7, PB01, IPOC Station P, 1.80 127 iP, 06 14 10.4 -0.9, PB01, IPOC Station P, 1.80 127 iP, 06 14 31.7 -1.1, PB01, IPOC Station P, 1.80 127 Sn, 06 14 10.0 +0.5, PB07, IPOC Station P, 2.06 149 eP, 06 14 40.0 +0.1, PB16, IPOC Station P, 2.16 42 iP, 06 14 18.3 +0.6, PB04, IPOC Station P, 2.50 161 Pn, 06 14 19.1 -0.3, LVC, Limon Verde, 3.29 144 Pn, 06 14 37.2 +0.3, LVC, Limon Verde, 3.29 144 Pn, 06 15 11.5 +1.5, LVC, Limon Verde, 3.29 144 Pn, 06 14 31.6 +1.3, PB10, IPOC Station P, 3.56 173 Pn, 06 14 33.0 -0.7, LPAZ, La Paz, 4.58 37 Pn, 06 14 55.3 -3.5, GO02, Mina Guanaco, 5.34 146 Pn, 06 14 58.6 +0.2, GO06, Curarehue, 19.56 181 P, 06 18 09.9 +1.2, PLCA, Paso Flores, 20.71 179 P, 06 18 19.9 -0.3, PLCA, Paso Flores, 20.71 179 P, 06 18 19.9 +0.3, TXAR, Lajitas Arr, 58.25 326 P, 06 23 33.2 -0.1, TXAR, Lajitas Arr, 58.25 326 P, 06 23 33.5 +0.2, NVAR, Mina Array Bea, 73.07 323 P, 06 25 10.9 +1.7, NVAR, Mina Array Bea, 73.07 323 P, 06 25 10.9 +1.7, TORO, Torodi Arr, 78.73 72 P, 06 25 07.7 -1.5, YKA, Yellowknife Arr, 89.09 341 P, 06 25 34.7 +1.3, MKAR, Makanchi Array, 145.49 33 PKPbc, 06 33 18.4 +1.3, SONM, Songo Array, 152.12 4 PKPbc, 06 33 36.3 +1.6, SONM, Songo Array, 152.12 4 PKPbc, 06 33 35.3 +0.7

IDC 17 06:16:04.5.3.4, 20:34S:70:91W, h0km, mb3.8/2, mb1 3.9/3, mb1mx3.6/3, mbtmp3.8/3, ML3.8/1, Error ellipse: s-maj=154.2km s-min=49.1km az=1.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LPAZ, La Paz, 4.82 34 Pn, 06 17 24.0 +5.1, SIV, San Ignacio, 10.30 67 Pn, 06 18 34.2 +0.5, TORO, Torodi Arr, 78.74 71 P, 06 28 08.5 -0.9, YKA, Yellowknife Arr, 89.49 341 P, 06 29 02.1 -0.9, MKAR, Makanchi Array, 145.73 33 PKPbc, 06 35 46.0 +0.2, SONM, Songo Array, 152.48 4 PKPbc, 06 36 03.0 +0.1

IDC 17 06:16:59.4.0.7, 20:06S:70:79W, h0km, mb3.9/8, mb1 4.2/10, mb1mx4.0/33, mbtmp4.0/10, ML4.2/2, Error ellipse: s-maj=25.3km s-min=14.5km az=56.0, NEIC 17 06:17:00.8.2.1, 20:12S:0:04W, h0km, n19, n135/15, mb3.9/8, Error ellipse: s-maj=10.5km s-min=7.1km az=291.0

GUC 17 06:17:02.4.0.7, 20:11S:70:85W, h38km, 12km, ML4.1, ISC 17 06:17:00.6.1.1, 20:07S:0:04W, h0km, n19, n135/15, mb3.9/8, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, TA01, Diego Aracena, 0.79 128 iP, 06 17 18.4 -0.1, PSGC, Pisagua, 0.83 55 eP, 06 17 17.3 +0.1, PATCX, Punta Patache, 0.99 139 eP, 06 17 19.6 -0.3, PB11, IPOC Station P, 1.16 75 eP, 06 17 23.3 +0.2, PB02, IPOC Station P, 1.53 144 eP, 06 17 47.9 -0.6, PB08, IPOC Station P, 1.59 93 eP, 06 17 29.9 -0.5, PB01, IPOC Station P, 1.60 127 eP, 06 17 29.6 -0.7, GO01, Chusmiza, 1.61 76 eP, 06 17 30.7 +0.1, GO01, Chusmiza, 1.61 76 eP, 06 17 52.2 -0.2, GO01, Chusmiza, 1.61 76 Pn, 06 17 30.8 +0.1, GO04, IPOC Station P, 2.34 164 Pn, 06 17 39.2 -0.1, LVC, Limon Verde, 3.10 145 Pn, 06 17 50.1 +0.1, LVC, Limon Verde, 3.10 145 Pn, 06 18 28.8 +1.6, LVC, Limon Verde, 3.10 145 Pn, 06 17 49.5 -0.5, LPAZ, La Paz, 4.57 35 Pn, 06 18 16.9 -4.3, GO02, Mina Guanaco, 5.01 167 Pn, 06 18 17.6 -1.1, SIV, San Ignacio, 10.14 68 Pn, 06 19 27.1 +0.7, ROCI, El Rocio, 12.85 181 Pn, 06 21 27.2 -0.2, PLCA, Paso Flores, 20.59 179 P, 06 21 40.8 +0.9, PLCA, Paso Flores, 20.59 179 P, 06 21 40.5 +0.6, PTGA, Pitinga, 21.98 30 P, 06 21 55.3 +0.5, PTGA, Pitinga, 21.98 30 P, 06 21 56.3 +1.5, FLOC, Florencia, 22.03 347 P, 06 21 57.8 +2.3, BDFB, Brasilia, 22.17 82 P, 06 21 58.2 +1.1, BDFB, Brasilia, 22.17 82 P, 06 21 55.7 -1.4, RUSC, La Rusia, 25.90 355 P, 06 22 34.3 +0.9, TX31, Lajitas Arr, 58.44 326 P, 06 26 57.2 +0.4, TXAR, Lajitas Arr, 58.44 326 P, 06 26 56.2 -0.6, TXAR, Lajitas Arr, 58.44 326 P, 06 26 56.9 -0.2, CCUT, Cedar City, 69.99 325 P, 06 28 14.6 +2.5, PDAR, Pinedale Array, 71.98 331 P, 06 28 25.5 +1.1, PDAR, Pinedale Array, 71.98 331 P, 06 28 25.5 +1.1, NVAR, Mina Array Bea, 73.26 323 P, 06 28 34.2 +1.9, NVAR, Mina Array Bea, 73.26 323 P, 06 28 34.2 +1.9, YNE, Yellowstone No, 73.95 332 P, 06 28 37.2 +0.9, TORO, Torodi Arr, 78.73 71 P, 06 29 01.7 -1.4, TORO, Torodi Arr, 78.73 71 P, 06 29 01.5 -1.6, YKA, Yellowknife Arr, 89.25 341 P, 06 29 56.4 0.0, ASAR, Alice Springs, 130.28 210 P, 06 31 11.6 -0.3, WRA, Warramunga Arr, 133.20 213 P, 06 36 11.5 -0.5, WRA, Warramunga Arr, 133.20 213 P, 06 36 17.8 -0.3, ZALV, Zalesovo Beam, 141.40 23 PKP, 06 36 31.9 +0.4, ZALV, Zalesovo Beam, 141.40 23 PKP, 06 36 30.4 -1.2, MKAR, Makanchi Array, 145.49 33 PKPbc, 06 36 39.0 0.0, MKAR, Makanchi Array, 145.49 33 PKPbc, 06 36 39.0 +0.1, USRK, Ussuriysk Arr, 149.33 327 PKPbc, 06 36 50.6 +0.9, USRK, Ussuriysk Arr, 149.33 327 PKPbc, 06 36 50.6 +0.9, MJAR, Matsushiro Arr, 149.77 309 PKPbc, 06 36 51.5 +0.4, MJAR, Matsushiro Arr, 149.77 309 PKPbc, 06 36 45.3 -1.1, MJAR, Matsushiro Arr, 149.77 309 PKPbc, 06 36 51.4 +0.3, MJAR, Matsushiro Arr, 149.77 309 PKPbc, 06 36 59.0 +1.0, SONM, Songo Array, 152.22 4 PKPbc, 06 36 57.0 +0.4, SONM, Songo Array, 152.22 4 PKPbc, 06 36 57.2 +0.2, SONM, Songo Array, 152.22 4 PKPbc, 06 37 04.9 -1.4

IDC 17 06:25:30.8.1.6, 19:88S:70:87W, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/3, mbtmp3.8/5, ML4.0/2, Error ellipse: s-maj=44.7km s-min=20.1km az=64.0, SJA 17 06:25:32.7.1.1, 20:04S:70:92W, h30km, 3km, ML3.7, MW3.9, ISC 17 06:25:33.9.2.1, 19:99S:0:05W, h0km, n19, n135/15, mb3.9/8, Near coast of northern Chile

ellipse: s-maj=55.6km s-min=18.9km az=59.0, Near coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
LVC	Limon Verde	3.18	145	Op	h m s	ISC
				Pn	07 55 43.0	+1.8
LVC		3.8nm, 0.3s, baz=260, slow=12, SNR=6.0				
				Sb	07 56 31.0	+1.0
LVC		11.0m, 0.3s, baz=58, slow=21, SNR=6.0				
				Lg	07 56 39.7	
LPVZ		29nm, 0.3s, baz=171, slow=13, SNR=14				
				Pn	07 56 17.9	-2.8
		0.5nm, 0.3s, baz=170, slow=6.2, SNR=5.6				
SIV	San Ignacio	10.17	68	Pn	07 47 28.1	+1.1
		0.6nm, 0.3s, baz=242, slow=11, SNR=9.1				
TORD	Torodi Ar. Bea	78.64	71	P	07 57 03.0	-1.0
		0.4nm, 0.3s, baz=264, slow=4.3, SNR=6.2				
YKA	Yellowknife Ar	89.19	341	P	07 57 56.6	-0.1
		0.5nm, 0.8s, baz=140, slow=5.2, SNR=7.6				
MKAR	Makanchi Array	145.37	33	PKPbc	08 04 39.3	-0.4
		0.8nm, 0.7s, baz=325, slow=3.5, SNR=6.6				

SJA 17 07:54:47.4, 0.4, 19.575:71.69W, h55km, 8km, ML4.8, MW4.6
 IDC 17 07:54:57.9, 0.7, 19.965:70.53W, h0km, mb4.1/10, Mb1.4/3/15, mb1mx3/1/30, mbmp4/1/15, ML3.9/5, M63.6/2, Ms1.3/6/2, ms1mx3/3/28, Error ellipse: s-maj=22.1km s-min=12.8km az=61.0

NEIC 17 07:54:58.6, 20.065:70.86W, h19km, Moment Tensor Solution, Moment tensor: Scale 1015Nm, Mrc2.24, Mw0.17, Ms-3.41, Mb0.70, Mw-0.63, Mw-1.55, Fault plane solution: M3.790000-1015 NP1-24.580000, 6.35.580000, 1.114.840000, NP2-174.940000, 8.58.130000, 1.73.270000. Principal axes: T 3.7703, P1g2.0000, Azm45.0000; N 0.0398, P1g4.0000, Azm184.0000; P -3.8102, P1g2.0000, Azm277.0000.

NEIC 17 07:54:59.2, 2.0, 20.055:0.03, 70.75W, 0.02, h15km, 3km, mb4.7/20, Mw4.3/23, Error ellipse: s-maj=4.4km s-min=2.3km az=160.0

GUC 17 07:55:00.4, 0.6, 20.065:70.78W, h24km, 8km, ML4.7
 VAO 17 07:55:03.4, 0.5, 20.055:70.55W, h38km, 2km, mb4.5
 ISC 17 07:54:58.2, 1.4, 20.005:0.02, 70.73W, 0.05, h8km, 8km, n131, 15S1/145, mb4.6/18, 1C-9D, Near coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PSGC	Pisagua	0.70	56	Op	h m s	ISC
				Pn	07 55 14.3	-0.2
TA01	Diego Aracena	0.77	138	iP	07 55 24.1	+0.2
				Sb	07 55 24.1	+0.4
				IAML	07 55 27.8	
		comp=E, 85um, 0.6s				
PATCX	Punta Patache	0.98	147	iP	07 55 17.4	-0.3
				Pb	07 55 30.4	+0.4
				IAML	07 55 33.4	
		comp=E, 29um, 0.2s				
PB11	IPOC Station P	1.04	77	iP	07 55 19.7	+0.4
				Sb	07 55 35.6	+1.5
				IAML	07 55 38.5	
		comp=N, 14um, 0.3s				
PB11	IPOC Station P	1.04	77	Pn	07 55 19.6	+0.3
				Pb	07 55 33.5	-0.6
				Sg	07 55 26.1	+0.9
PB12	IPOC Station P	1.43	161	iP	07 55 45.5	+2.0
				Sb	07 55 27.1	+1.0
GO01	Chuzmiza	1.48	78	eS	07 55 48.4	+2.9
				IAML	07 55 49.8	
		comp=N, 50um, 0.4s				
GO01	Chuzmiza	1.48	78	Pb	07 55 27.4	+1.0
				Pb	07 55 26.9	+0.5
				Sb	07 55 47.2	+1.7
				IAML	07 55 49.2	
		comp=E, 7um, 0.4s				
PB02	IPOC Station P	1.53	149	iP	07 55 26.1	0.0
				Sb	07 56 04.0	-0.2
				IAML	07 55 48.6	
		comp=E, 45um, 0.3s				
PB01	IPOC Station P	1.57	132	iP	07 55 26.8	-0.8
				Sb	07 55 47.8	-0.9
				IAML	07 55 53.0	
		comp=N, 18um, 0.4s				
PB01	IPOC Station P	1.57	132	Pn	07 55 26.8	-0.8
				Sg	07 55 47.1	+0.1
				Sb	07 55 50.7	+0.4
				IAML	07 56 06.6	
		comp=E, 18um, 0.8s				
PB16	IPOC Station P	2.02	351	iP	07 55 35.6	-1.4
				Sb	07 56 04.6	+1.4
				Sg	07 55 14.3	-0.3
				IAML	07 56 17.4	
		comp=Z, 7um, 0.8s				
PB04	IPOC Station P	2.39	167	iP	07 55 36.6	-1.2
				Sb	07 56 13.1	+1.7
				Sg	07 55 42.8	-1.8
				IAML	07 56 23.7	+4.1
		comp=Z, 2um, 0.7s				
PB06	IPOC Station P	2.91	158	iP	07 55 44.2	-0.8
				Sb	07 56 27.5	+1.3
				IAML	07 56 34.9	
		comp=Z, 5um, 0.6s				
LVC	Limon Verde	3.11	147	Pn	07 55 49.3	+1.4
		comp=Z, 39nm, 0.3s, baz=23, slow=7.6, SNR=108				
				Sb	07 56 27.4	+2.0
		comp=Z, 169nm, 0.3s, baz=312, slow=22, SNR=6.6				
				Lg	07 56 34.6	
		comp=Z, 384nm, 0.3s, baz=91, slow=13, SNR=17				
LVC	Limon Verde	3.11	147	Pn	07 55 49.3	+1.4
				Sb	07 55 51.1	-0.8
				Sg	07 56 38.8	-1.9
				IAML	07 56 48.4	
		comp=Z, 4um, 0.3s				
PB10	IPOC Station P	3.50	177	Pn	07 55 50.9	-2.2
				Pb	07 56 11.6	-2.2
		comp=Z, 4.7nm, 0.3s, baz=242, slow=5.5, SNR=57				
				LR	07 58 13.8	
		comp=Z, 740nm, 19.6s, baz=322, slow=66				
LPAZ	La Paz	4.42	34	eP	07 56 12.1	-4.8
				Sb	07 57 02.5	-0.2
				IAML	07 57 38.1	
		comp=Z, 643nm, 1.0s				
GO02	Mirra Guanaco	5.25	169	Pn	07 56 16.0	-1.3
				Pb	07 56 21.9	+3.3
				IAML	07 57 38.9	
		comp=Z, 27nm, 3.6s				
HJA	Humahuaca	5.89	124	eP	07 56 29.4	+3.2
				IAML	07 57 54.2	
		comp=Z, 22nm, 0.6s				
GO03	Copiap	7.58	177	Pn	07 56 47.3	-1.8
				Pb	07 57 23.3	-0.5
				Sb	08 00 57.0	
		comp=Z, 0.8nm, 0.3s, baz=119, slow=10, SNR=3.0				
				LR	08 00 57.0	
		comp=Z, 266nm, 19.1s, baz=232, slow=36				
NNA	Nana	9.89	323	Pn	07 57 22.1	+1.3
				Sb	07 57 22.5	-0.1
		comp=Z, 0.3s, baz=264, slow=10, SNR=106				
SIV	San Ignacio	10.02	68	Pn	07 57 46.8	+0.1
		comp=Z, 2.0nm, 0.3s, baz=350, slow=15, SNR=6.7				
SAML	Samuel	13.19	35	eP	07 58 07.3	+1.4
				Sb	07 58 06.4	+0.5
				IAML	07 58 14.4	-0.4
		comp=Z, 0.2nm, 0.3s, baz=326, slow=13, SNR=3.6				
CPUP	Villa Florida	13.84	120	eP	07 58 15.0	+0.2
				Pb	07 58 15.3	+0.4
				Sb	07 58 18.1	-0.5
				Pb	07 58 29.4	+0.3
				Sb	07 58 55.9	+1.7
				Pb	07 58 56.5	-2.0
				Pb	07 58 56.6	-1.0
				Pb	07 59 07.5	-0.2
				Pb	07 59 11.1	-1.3
				Pb	07 59 13.9	-0.6
				Pb	07 59 14.2	-0.9
				Pb	07 59 17.6	0.0
				Pb	07 59 24.4	+0.3
				Pb	07 59 10.3	-0.8
				Pb	07 59 39.5	+0.8

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PLCA	Paso Flores	20.67	180	P	07 59 36.5	-2.2
				P	07 59 39.3	+0.7
				P	07 59 39.9	-0.6
				P	07 59 45.8	+0.8
				P	07 59 54.0	-0.3
				P	07 59 50.6	-0.9
		comp=Z, 5.3nm, 0.5s, baz=309, slow=23, SNR=14				
PTGA	Pitinga	21.85	30	P	07 59 50.7	-0.7
				P	07 59 51.3	-1.3
				P	07 59 53.3	+2.5
				P	07 59 53.1	+0.2
				P	07 59 53.1	-0.7
		comp=Z, 10nm, 0.7s, baz=248, slow=16, SNR=10.0				
BDFB	Brasilia	22.05	82	P	07 59 54.0	+0.3
				P	07 59 54.0	+1.4
				P	08 00 05.2	+3.8
				P	08 00 08.0	+5.0
				P	08 00 08.7	-0.7
				P	08 00 17.0	+1.8
				P	08 00 15.2	-1.5
				P	08 00 18.2	+0.2
				P	08 00 19.7	-0.2
				P	08 00 22.2	-0.3
				P	08 00 27.5	+2.8
				P	08 00 29.1	+1.8
				P	08 00 27.9	+1.2
				P	08 00 29.2	+0.1
				P	08 00 30.3	+1.0
				P	08 00 30.5	-0.3
				P	08 00 31.2	+0.4
				P	08 00 34.8	+0.9
				P	08 00 36.1	+1.3
				P	08 00 48.7	-0.2
				P	08 00 56.7	+0.5
		comp=Z, 1.3nm, 0.6s, baz=269, slow=9.8, SNR=2.5				
NBMO	Morrinhos-CZ	34.22	65	eP	08 01 44.2	-0.5
				Sb	08 01 54.3	+6.6
				IAML	08 01 51.5	-0.5
				Sb	08 02 01.9	+6.9
				Sb	08 02 04.6	-1.0
				IAML	08 02 14.0	
		comp=Z, 12nm, 0.9s				
RCBR	Riachuelo	36.65	72	P	08 02 05.6	-0.1
				P	08 02 17.1	-0.2
				IAMB	08 02 18.8	
		comp=Z, 15nm, 0.9s				
GCPR	Guaynabo City					

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like V52A, V58A, W50A, etc.

ANF 17 08:13:37.40.4, 0.35:53N-97:32W, h0km, ML4.1/13, Error ellipse: s-maj=5.3km s-min=3.1km az=160.0

NEIC 17 08:13:38.50.9, 0.35:50N-104:07:31W, 0.4, h6km, Error ellipse: s-maj=5.8km s-min=3.6km az=216.0

TUL 17 08:13:38.0.0, 0.35:50N-103:97:31W, 0.4, h7km, 4km, ML3.4, Error ellipse: s-maj=4.7km s-min=3.6km az=220.0

ISC 17 08:13:38.3-0.9, 0.35:49N-102:97:29W, 0.02, h8km, 6km, n56, e092/68, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like OK001, OK009, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like KSU1, AMTX, 237A, etc.

NIED 17 08:22:00.36:70N, 143:90E, h8km, Mw4.3 Best double couple: M2.950000, 1015 NP1.9s196.00000, 857.00000, lambda-101.000000, NP2.9s37.00000, 834.00000, lambda-73.000000

IDC 17 08:22:53.0.0, 0.36:57N-144:24E, h0km, mb4.1/24, mb1.4/231, mb1mx4.2/49, mbtmp4.1/31, ML3.6/6, MS3.3/5, Ms1.3/35, ms1mx2.9/63, Error ellipse: s-maj=14.7km

MOS 17 08:22:56.9.1, 0.36:181N-144:24E, h39km, mb4.5/19, Error ellipse: s-maj=9.0km s-min=5.1km az=94.8

NEIC 17 08:22:57.9.2, 0.36:54N-105:144:2E, 0.1, h37km, 5km, mb4.5/39, Error ellipse: s-maj=12.4km s-min=8.0km az=94.0

JMA 17 08:22:57.4.0, 0.2, 36:70N, 143:93E, h55km, M4.5 ISC 17 08:22:53.2.2, 0.36:72N-105:144:16E, 0.06, h0km, 16km, n162, e2975/186, mb4.4/49, 5C-10D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like JIKH, JIKF, JIKJ, etc.

MJAR comp=Z, 1.0nm, 0.3s, 4.79 270 Pn Pn 08 24 07.0 +0.4

MJAR comp=Z, 1.3nm, 0.3s, 4.79 270 Pn Pn 08 24 58.6 -4.2

MJAR comp=Z, 1.16nm, 19.6s, 4.79 270 Pn Pn 08 26 04.2

MJAR comp=Z, 1.16nm, 19.6s, 4.79 270 Pn Pn 08 26 04.2

MAJO Matushiro 4.79 270 iP Pn 08 24 07.5 +0.9

MAJO Matushiro 4.79 270 P Pn 08 24 07.5 +0.9

MAJO Matushiro 4.79 270 P Pn 08 24 07.5 +0.9

MJ89 Matsu-Tunnel 4.79 270 P Pn 08 24 07.6 +0.9

HJU2 Mitsune 5.07 226 Pn Pn 08 24 09.1 -1.4

HJU2 Mitsune 5.07 226 Pn Pn 08 24 09.1 -1.4

HJU2 Mitsune 5.07 226 Pn Pn 08 24 08.3 -2.3

HJU2 Mitsune 5.07 226 Pn Pn 08 24 08.3 -2.3

JOT comp=Z, 120nm, 0.3s, 5.25 333 S Pn 08 25 01.2 -8.8

JOT Ohata 5.25 333 S Pn 08 25 01.2 -8.8

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like JKA, ASAJ, ASAJK, etc.

MA2 Magadan 23.27 9 P P 08 28 03.0 +0.9

H1N2 WAKE ISLAND Hy 26.12 124 T T 08 55 27.2

H1N1 WAKE ISLAND Hy 26.13 124 T T 08 55 32.3

H1N3 WAKE ISLAND Hy 26.14 124 T T 08 55 36.0

SEY Seymchan 26.73 8 P P 08 28 35.9 +1.9

SEY Seymchan 26.73 8 P P 08 28 34.1 +0.1

H1S1 WAKE ISLAND Hy 26.87 126 T T 08 56 35.7

H1S3 WAKE ISLAND Hy 26.87 126 T T 08 56 31.4

H1S2 WAKE ISLAND Hy 26.89 126 T T 08 56 34.4

YAK Yakutsk 26.90 345i P P 08 28 37.3 +1.7

SONM Songoing Array 29.79 304 P P 08 29 04.3 +2.6

BILL Biilino 33.74 15i P P 08 29 35.3 -0.7

TIXI Tiksi 35.89 352i P P 08 29 54.8 +0.3

CMAR Chiang Mai Arr 43.57 258 P P 08 30 58.9 -0.2

CMAR Chiang Mai Arr 43.57 258e P P 08 30 58.0 -1.1

CMAR comp=Z, 1.0nm, 0.3s 44.48 335 P P 08 31 05.7 0.0

NRK Norilsk 44.48 335 P P 08 31 05.7 0.0

MK31 Makanchi Array 46.15 303 P P 08 31 20.9 +1.6

MK31 Makanchi Array 46.15 303 P P 08 31 20.9 +1.6

MKAR Makanchi Array 46.15 303 P P 08 31 20.8 +1.5

MKAR Makanchi Array 46.15 303 P P 08 31 20.7 +1.4

PPLA Purkypille 46.17 35 P P 08 31 21.8 +2.4

MLY Manley 46.17 35 P P 08 31 27.7 +2.3

RND Reindeer 47.70 34 P P 08 31 31.7 +0.4

RND Reindeer 47.70 34 P P 08 31 31.7 +0.4

TOLK Toolik Lake Re 47.75 27 P P 08 31 33.7 +2.1

TOLK Toolik Lake Re 47.75 27 P P 08 31 48.3

KURK Kurchatov 47.85 309i P P 08 31 33.3 +0.8

KURK Kurchatov 47.85 309 P P 08 31 33.3 +0.8

KURK Kurchatov 47.85 309 P P 08 31 32.9 +0.3

KURK Kurchatov 47.85 309 P P 08 31 34.3

KURBB Kurchatov Arra 47.92 309 P P 08 31 33.8 +0.6

CCB Chersky 48.19 32 P P 08 31 34.6 -0.3

DHY Denali Highway 48.37 35 P P 08 31 36.3 -0.3

DHY Denali Highway 48.37 35 P P 08 31 36.3 -0.3

HDA Harding Lake 48.55 33 P P 08 31 38.9 +1.1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Paulatuk, Warramunga Arr, Tennant Creek, etc.

IDC 17 08:24:57.1.1.9.20101S:70.91W, h0km, mb3.7/2, mb1.3/4, mb1mx3.6/22, mbtmp3.7/4, ML3.6/2, Error ellipse: s-maj=53.7km s-min=17.5km az=61.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pisagua, Punta Patache, IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like IPOC Station P, Limon Verde, etc.

JMA 17 08:30:01.1.0.3.44.00N:148.10E, h0km, M3.7 SKHL 17 08:30:01.4.0.3.44.44N:148.34E, h55km, 5km, mb4.0/5

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kuril'sk, Shikotan, Chumizma, etc.

Ms1.4/4.21, ms1mx4.3/30, Error ellipse: s-maj=13.8km s-min=8.6km az=68.0 NEIC 17 08:32:35.8.2.0.19.99S:0.05:70.6W, 0.04, h8km, 1km, mb5.3/265, Mwr5.0/22, Mvw5.2, ML5.2(GUC), Error ellipse: s-maj=8.8km s-min=6.6km az=344.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pisagua, Diego Aracena, Punta Patache, etc.

MIAR	Mount Ida	58.42 338	P	P	08 42 32.8 +0.4
MIAR	Mount Ida	58.42 338	P	Iamb	08 42 33.9
MIAR	Mount Ida	58.42 338	P	P	08 42 32.7 +0.3
R57A	Standardsville	58.43 353	P	P	08 42 32.8 +0.4
TXAR	Lajitas Array	58.43 326	P	P	08 42 33.1 +0.5
TXAR	Lajitas Array	58.43 326	P	Iamb	09 07 19.7
TXAR	Lajitas Array	58.43 326	P	P	08 42 32.8 +0.1
TXAR	Lajitas Array	58.43 326	P	P	08 42 32.8 +0.1
TX31	Lajitas Ar. Si	58.43 326	P	P	08 42 33.1 +0.5
TX32	Lajitas Array	58.43 326	P	P	08 42 33.1 +0.5
T49A	Edmonton	58.47 346	P	P	08 42 32.2 -0.5
T49A	Edmonton	58.47 346	P	P	08 42 32.2 -0.5
S52A	Salversville	58.52 349	P	P	08 42 32.1 -0.9
W41B	Gary Mavity, V	58.54 339	P	P	08 42 33.6 +0.5
W41B	Gary Mavity, V	58.54 339	P	P	08 42 32.9 -0.2
S51A	Beattyville	58.58 348	P	P	08 42 32.9 -0.5
R55A	Marlington	58.62 351	P	Iamb	08 42 34.7 +1.0
R55A	Marlington	58.62 351	P	Iamb	08 42 35.9
R55A	Marlington	58.62 351	P	P	08 42 33.4 -0.4
R56A	Bull Pasture M	58.65 352	P	P	08 42 34.5 +0.6
R54A	Victor	58.65 351	P	P	08 42 34.4 +0.4
S50A	Richmond	58.78 347	P	P	08 42 34.5 -0.3
R53A	Hurricane	58.95 350	P	P	08 42 36.2 +0.2
Q58A	Fox Den Farm,	58.97 354	P	P	08 42 37.0 +0.9
LCAR	Lake Charles	59.01 341	Iamb	Iamb	08 42 37.1
S49A	Springfield	59.07 347	P	P	08 42 36.5 -0.3
R52A	Cattlettsburg	59.08 349	P	P	08 42 36.2 -0.6
W39A	Magazine	59.08 338	P	Iamb	08 42 37.5 +0.5
W39A	Magazine	59.08 338	P	Iamb	08 42 39.0
W39A	Magazine	59.08 338	P	P	08 42 37.5 +0.5
Q57A	Strasburg	59.14 353	P	P	08 42 38.3 +1.0
FCAR	Ozark Folk Cen	59.15 340	Iamb	Iamb	08 42 38.0
ABTX	Abilene, Hawie	59.17 332	P	Iamb	08 42 38.3 +0.6
ABTX	Abilene, Hawie	59.17 332	P	Iamb	08 42 39.3
ABTX	Abilene, Hawie	59.17 332	P	P	08 42 38.1 +0.4
R51A	Hillsboro	59.22 348	P	P	08 42 37.8 0.0
Q56A	Snyder Ridge,	59.24 352	P	P	08 42 39.2 +1.2
Q56A	Snyder Ridge,	59.24 352	P	P	08 42 39.0 +1.0
Q55A	Buckhannon	59.31 352	P	P	08 42 39.3 +0.7
R50A	Paris	59.34 348	P	P	08 42 38.3 -0.4
Q53A	Leroy	59.40 350	P	P	08 42 38.5 -0.6
Q54A	Coxs Mills	59.41 351	P	P	08 42 39.0 -0.1
PBMO	Poplar Bluff	59.44 342	Iamb	Iamb	08 42 45.1
P59A	Jarrettsville	59.52 355	P	P	08 42 40.6 +0.7
P57A	Homestead Farm	59.54 353	P	P	08 42 40.7 +0.7
Q52A	Bidwell	59.62 350	P	P	08 42 40.4 -0.1
P60A	Greenville	59.65 356	P	P	08 42 40.8 0.0
P56A	Dayton Farm, R	59.65 353	P	P	08 42 42.4 +1.6
WCI	Wyandotte Cave	59.72 346	P	pmax	08 42 41.3 0.0
WCI	Wyandotte Cave	59.72 346	P	pmax	08 42 41.8
WCI	Wyandotte Cave	59.72 346	P	Iamb	08 42 41.3 0.0
WCI	Wyandotte Cave	59.72 346	P	Iamb	08 42 41.8
P55A	Reedsville	59.78 352	P	P	08 42 42.5 +0.7
U40A	Yellville	59.81 339	P	P	08 42 41.8 -0.2
Q50A	Georgetown	59.82 348	P	P	08 42 41.7 -0.3
Q51A	Peebles	59.87 349	P	P	08 42 42.1 -0.3
MCWV	Mont Chateau	59.94 352	P	Iamb	08 42 42.7 0.0
MCWV	Mont Chateau	59.94 352	P	Iamb	08 42 45.0
MCWV	Mont Chateau	59.94 352	P	P	08 42 42.5 -0.2
S44A	Carbondale	59.96 343	P	P	08 42 43.0 0.0
P54A	Burton	59.97 351	P	P	08 42 43.5 +0.5
P53A	Whipple	59.99 350	P	Iamb	08 42 44.1 +0.9
P53A	Whipple	59.99 350	P	Iamb	08 42 51.1
P53A	Whipple	59.99 350	P	P	08 42 42.9 -0.3
HHAR	Hobbs	60.11 338	Iamb	Iamb	08 42 45.3
Q49A	Aurora	60.16 347	P	P	08 42 43.8 -0.5
O59A	Robesonia	60.19 355	P	P	08 42 45.2 +0.7
O57A	Amberson	60.22 354	P	P	08 42 45.6 +0.9
P52A	Corning	60.25 350	P	P	08 42 44.4 -0.5
Q48A	North Vernon	60.26 347	P	P	08 42 44.4 -0.6
P51A	Williamsport	60.27 349	P	P	08 42 44.4 -0.6
O56A	Blue Knob Stat	60.38 353	P	P	08 42 46.8 +1.0
O55A	Ligonier	60.41 352	P	P	08 42 46.7 +0.7
U38A	Gravette	60.45 338	Iamb	Iamb	08 42 47.3
TUL1	Leonard	60.45 337	P	P	08 42 46.7 +0.3
N61A	South Mountain	60.51 357	P	P	08 42 46.1 -0.6
P50A	Jamestown	60.52 348	P	P	08 42 46.2 -0.6
WMOK	Wichita Mounta	60.60 334	P	P	08 42 46.5 -0.9
P49A	Miami Univ. Ec	60.63 348	P	P	08 42 46.7 -0.8
SSPA	Standing Stone	60.67 354	P	Iamb	08 42 47.2 -0.6
SSPA	Standing Stone	60.67 354	P	Iamb	08 42 57.1
SSPA	Standing Stone	60.67 354	P	P	08 42 47.6 -0.1
N60A	Cedar Hill Far	60.67 356	P	P	08 42 47.5 -0.2
O52A	Adamsville	60.67 350	P	P	08 42 47.3 -0.5
P48A	Milroy	60.71 347	P	P	08 42 47.0 -1.1
O53A	New Philadelph	60.71 351	P	P	08 42 48.0 0.0
N58A	Sunbury	60.76 355	P	P	08 42 48.4 0.0
N58A	Sunbury	60.76 355	P	Iamb	08 42 50.3
N58A	Sunbury	60.76 355	P	P	08 42 48.2 -0.1
N59A	State Game Lan	60.76 356	P	P	08 42 48.5 +0.1
O51A	Pataskala	60.83 350	P	P	08 42 48.3 -0.6

ODNJ	Ogdensburg	60.85 357	P	P	08 42 49.6 +0.6
ODNJ	Ogdensburg	60.85 357	P	Iamb	08 42 50.5
CCM	Cathedral Cave	60.87 342	P	pmax	08 42 49.7 +0.5
CCM	Cathedral Cave	60.87 342	P	pmax	08 42 49.7 +0.5
CCM	Cathedral Cave	60.87 342	P	Iamb	08 42 49.7 +0.5
CCM	Cathedral Cave	60.87 342	P	Iamb	08 42 55.0
CCM	Cathedral Cave	60.87 342	P	P	08 42 48.6 -0.6
N55A	Marion Center	60.93 353	P	P	08 42 50.3 +0.7
ACSO	Alum Creek Sta	60.98 349	P	Iamb	08 42 49.7 -0.1
ACSO	Alum Creek Sta	60.98 349	P	Iamb	08 42 51.1
ACSO	Alum Creek Sta	60.98 349	P	P	08 42 49.6 -0.3
N56A	West Decatur	60.99 353	P	P	08 42 50.7 +0.7
O50A	Cable	61.01 349	P	P	08 42 49.8 -0.3
Q44A	Meyer Farm, Va	61.03 344	Iamb	Iamb	08 42 55.4
M60A	Port Jervis	61.10 357	P	P	08 42 50.9 +0.2
M62A	Hamden	61.14 358	P	P	08 42 51.1 +0.3
S39A	Bolivar	61.18 340	Iamb	Iamb	08 42 52.9
S39A	Bolivar	61.18 340	Iamb	Iamb	08 42 52.9
O49A	Covington	61.19 348	P	P	08 42 50.0 -1.3
MNTX	Cornudas Mount	61.20 326	P	Iamb	08 42 51.4 -0.2
MNTX	Cornudas Mount	61.20 326	P	Iamb	08 42 52.8
MNTX	Cornudas Mount	61.20 326	P	P	08 42 51.6 +0.1
N53A	Lisbon	61.20 351	P	P	08 42 50.8 -0.6
N54A	Moraine State	61.24 352	P	P	08 42 51.6 0.0
N54A	Moraine State	61.24 352	P	P	08 42 52.3 +0.6
M58A	Price's Panora	61.27 355	P	P	08 42 52.7 +0.9
M57A	Sunshine Farm,	61.29 354	P	P	08 42 52.4 +0.4
N52A	McGinn's Farm,	61.33 351	P	P	08 42 52.2 0.0
M59A	Waymart	61.36 356	P	P	08 42 52.9 +0.4
O48A	Farmland	61.42 347	P	P	08 42 52.1 -0.8
L63A	North Scituate	61.53 359	P	P	08 42 53.0 -0.6
N50A	Neuway	61.53 349	P	P	08 42 52.7 -0.9
M56A	Emporium	61.54 354	P	P	08 42 54.3 +0.6
M56A	Emporium	61.54 354	P	P	08 42 54.3 +0.6
N51A	Ashland	61.55 350	P	P	08 42 53.1 -0.6
BRYW	Bryant College	61.59 359	P	P	08 42 53.7 -0.3
M55A	Ridgway	61.59 353	P	P	08 42 54.5 +0.5
M55A	Ridgway	61.59 353	P	P	08 42 54.5 +0.5
M54A	Oil Creek Stat	61.73 352	P	P	08 42 55.1 +0.2
M54A	Oil Creek Stat	61.73 352	P	P	08 42 55.3 +0.7
MSTX	Muleshoe	61.73 330	P	P	08 42 54.7 -0.5
MSTX	Muleshoe	61.73 330	P	P	08 42 55.1 -0.2
L60A	Shokan	61.74 357	P	P	08 42 55.1 +0.1
M53A	WI Milford	61.80 352	P	P	08 42 55.5 +0.1
P43A	Skaggs, Pawnee	61.86 344	P	P	08 42 54.6 -1.2
N49A	Columbus Grove	61.87 348	P	P	08 42 55.4 -0.4
L58A	Harry Jones Me	61.89 356	P	P	08 42 56.8 +0.8
L61A	Hillsdale, H	61.91 358	P	P	08 42 55.9 -0.2
M51A	Glynn	61.92 350	P	P	08 42 56.1 -0.1
L57A	Andrews Acres	61.92 355	P	P	08 42 57.1 +0.9
SFIN	Lafayette	61.95 346	P	P	08 42 55.3 -1.2
N48A	Decatur	61.97 348	P	P	08 42 56.1 -0.5
L59A	Walton	61.98 356	P	P	08 42 57.5 +0.9
AMTX	Amarillo	61.99 331	P	P	08 42 56.4 -0.5
M52A	Chesterland	61.99 351	P	P	08 42 56.2 -0.5
VNA3	Neumayer Olymp	62.05 161	P	P	08 42 58.7 +1.8
BINY	Binghamton	62.05 356	P	P	08 42 58.0 +0.8
U32A	Winter Ranch,	62.11 334	Iamb	Iamb	08 42 58.9
L56A	Greenwood	62.12 354	P	P	08 42 58.2 +0.6
N47A	Urbana	62.13 347	P	P	08 42 56.9 -0.7
M50A	Freont	62.13 350	P	P	08 42 56.9 -0.7
L61B	Northampton	62.14 358	P	P	08 42 57.6 0.0
HRV	Adam Dzewiosk	62.17 359	P	pmax	08 42 57.6 -0.3
HRV	Adam Dzewiosk	62.17 359	P	pmax	08 42 57.6 -0.3
HRV	Adam Dzewiosk	62.17 359	P	P	08 42 57.6 -0.3
HRV	Adam Dzewiosk	62.17 359	P	P	08 42 58.4 +0.6
L53A	Girard	62.25 352	P	P	08 42 58.7 +0.2
L55A	Hinsdale	62.26 354	P	P	08 42 59.1 +0.6
VNA1	Neumayer-Stat	62.28 160	P	P	08 43 00.9 +2.6
K60A	Five Rivers En	62.35 357	P	P	08 42 60.0 +0.9
K63A	Dunstable	62.35 359	P	P	08 43 00.1 +1.0
M49A	Liberty Center	62.36 349	P	P	08 42 59.6 +0.4
ERPA	Erie	62.37 352	P	P	08 42 59.7 +0.5
K61A	Williamsport	62.38 358	P	P	08 42 59.2 0.0
L54A	Sinclairville	62.41 353	P	P	08 43 00.1 +0.6
K59A	Cooperstown	62.55 357	P	P	08 43 01.2 +0.7
K58A	Earlville	62.59 356	P	P	08 43 01.3 +0.6
K57A	Scipio Center	62.62 355	P	P	08 43 01.3 +0.4
VNA2	Neumayer-Watz	62.64 161	P	P	08 43 02.6 +1.9
HDIL	Hopedale	62.66 344	P	P	08 43 00.7 -0.4
K56A	Middlesex	62.66 355	P	P	08 43 01.1 0.0
K54A	Basiliko Farm,	62.71 353	P	P	08 43 02.0 +0.6
L50A	Kingsville	62.71 350	P	P	08 43 00.7 -0.8
K55A	Perry	62.76 354	P	P	08 43 02.3 +0.4
J62A	Heniker	62.90 359	P	P	08 43 03.3 +0.6
L48A	N Adams	62.90 349	P	P	08 43 02.0 -0.8
L49A	Milan	62.94 349	P	P	08 43 02.7 -0.3
J60A	Lant Hill Farm	62.95 358	P	P	08 43 03.0 -0.1
P38A	Dawn	63.01 340	Iamb	Iamb	08 43 11.0
J61A	Chester	63.03 358	P	P	08 43 03.6 0.0
L47A	Sherwood	63.08 348	P	P	08 43 03.0 -1.0
ACCN	Adirack Com	63.10 358	Iamb	Iamb	08 43 06.2

121A	Cookes Peak, D	63.12 325	Iamb	Iamb	08 43 07.6
121A	Cookes Peak, D	63.12 325	P	P	08 43 02.9 -1.8
J58A	Remson	63.16 356	P	P	08 43 05.2 +0.7
K51A	Iona Station	63.17 351	P	P	08 43 04.6 0.0
J56A	Polco	63.19 355	P	P	08 43 04.5 -0.2
J59A	Wilkes	63.22 357	P	P	08 43 05.4 +0.5
J57A	Williamstown	63.26 356	P	P	08 43 05.4 +0.3
J55A	Hilton	63.27 354	P	P	08 43 05.3 +0.2
I58A	Old Forge	63.47 357	P	P	08 43 06.3 -0.3

F52A	Sundridge	65.92 353	P	P	08 43 22.7 +0.3
G47A	Hillman	65.93 350	P	P	08 43 21.7 -0.8
ALGO	Algonquin Park	65.95 354	P	P	08 43 22.6 -0.1
H43A	Windswept, Lux	66.00 347	I Amb	I Amb	08 43 30.7
E60A	Ste Agathe de	66.03 359	P	P	08 43 23.2 0.0
E58A	La Victoria	66.08 358	P	P	08 43 23.7 +0.2
SDCO	Great Sand Dun	66.09 330	I Amb	I Amb	08 43 26.6
SDCO	Great Sand Dun	66.09 330	P	P	08 43 25.3 +1.1
F51A	Arnstein	66.12 353	P	P	08 43 23.6 -0.1
G45A	Suttons Bay	66.12 348	P	P	08 43 23.2 -0.6
E64A	Bridgewater	66.13 2	P	P	08 43 24.1 +0.3
E57A	Chemin Saint G	66.15 357	P	P	08 43 24.0 +0.1
BGNE	Belgrade	66.16 338	P	P	08 43 24.1 0.0
F49A	Sandfield	66.23 351	P	P	08 43 23.6 -0.9
G46A	Petoskey	66.25 349	P	P	08 43 23.7 -0.8
E56A	St. Veronique	66.32 357	P	P	08 43 24.9 -0.1
E52A	Mattawa	66.34 354	P	P	08 43 24.8 -0.3
E53A	Dumoine, Ponti	66.34 355	P	P	08 43 24.9 -0.2
E54A	Lac Daplat, Po	66.36 355	P	P	08 43 25.2 -0.1
F48A	Evansville	66.38 351	P	P	08 43 25.0 -0.3
X16A	Lo Mia Camp, P	66.54 324	I Amb	I Amb	08 43 30.8
D60A	Saint Jean D's	66.58 360	P	P	08 43 27.3 +0.7
E51A	G1948 Merrick	66.67 353	P	P	08 43 27.5 +0.3
F45A	CMU Biological	66.72 349	P	P	08 43 27.0 -0.6
S22A	OUR Ranch, Cre	66.72 329	P	P	08 43 29.0 +0.8
D63A	Stockholm	66.74 2	P	P	08 43 28.2 +0.5
D57A	Chemin Vers le	66.74 358	P	P	08 43 28.3 +0.6
D62A	Allapoint, All	66.76 1	P	P	08 43 27.5 -0.3
D62A	Allapoint, All	66.76 1	P	P	08 43 28.6 +0.8
D58A	Chemin du Lac G	66.79 358	P	P	08 43 28.6 +0.6
D56A	ZEC Mazanza, M	66.81 357	P	P	08 43 28.0 -0.1
D55A	Sainte-Anne-du	66.82 356	P	P	08 43 28.9 +0.7
D61A	St Aubert, Com	66.87 0	P	P	08 43 29.0 +0.6
Q24A	Divide	66.92 331	P	P	08 43 30.2 +0.8
E48A	Lockeyer	66.95 351	P	P	08 43 29.1 +0.1
D54A	Lac Fusel, La	67.03 356	P	P	08 43 29.7 +0.2
D53A	Lac Vacive, Po	67.04 355	I Amb	I Amb	08 43 37.6
D53A	Lac Vacive, Po	67.04 355	P	P	08 43 29.8 +0.2
LATO	La Tuque	67.07 358	P	P	08 43 30.3 +0.6
LATO	La Tuque	67.07 358	P	P	08 43 30.3 +0.6
E47A	Iron Bridge	67.09 351	P	P	08 43 29.4 -0.5
MVCO	Mesa Verde	67.11 328	P	P	08 43 29.3 -1.3
MVCO	Mesa Verde	67.11 328	P	P	08 43 31.5 +0.9
E46A	Sault Ste Mari	67.17 350	P	P	08 43 30.0 -0.4
D51A	Lit 16 Range I	67.21 354	P	P	08 43 31.1 +0.5
G40A	Rib Lake	67.31 345	P	P	08 43 31.4 0.0
WUAZ	Wupatki	67.32 325	P	P	08 43 31.6 -0.2
WUAZ	Wupatki	67.32 325	I Amb	I Amb	08 43 35.1
WUAZ	Wupatki	67.32 325	P	P	08 43 33.4 +1.5
D50A	G1974 Best Tow	67.33 353	P	P	08 43 31.4 -0.1
GLA	Glamis	67.50 321	P	P	08 43 34.2 +1.3
D48A	Paudash Townsh	67.58 352	P	P	08 43 32.2 -0.8
D46A	Sault Ste Mari	67.63 350	P	P	08 43 32.6 -0.7
D47A	Chapleau	67.65 351	P	P	08 43 32.9 -0.6
E43A	Lone Tree Farm	67.67 348	P	P	08 43 33.2 -0.3
ECSD	EROS WA	67.71 340	P	P	08 43 33.9 0.0
ISCO	Idaho Springs	67.81 332	P	P	08 43 36.1 +1.1
Y12C	Blythe	67.81 321	P	P	08 43 36.3 +1.5
COWC	Conover	67.85 346	P	P	08 43 33.7 -1.1
SPMM	Marine on St.	67.94 343	P	P	08 43 35.1 -0.2
PDMOI	Parker Dam,Lak	67.98 322	P	P	08 43 37.5 +1.7
PV15	Paradox Valley	67.99 329	P	P	08 43 34.6 -1.6
IKP	In-Ko-Pah, Jac	67.99 320	P	P	08 43 37.5 +1.5
SWSC	Sam W. Stewart	68.00 320	P	P	08 43 37.4 +1.4
VLDQ	Val d'Or	68.04 355	I Amb	I Amb	08 43 44.2
PV11	David Mesa, P	68.15 328	I Amb	I Amb	08 43 39.8
PV16	Nyswonger Mesa	68.18 328	I Amb	I Amb	08 43 39.9
PV22	Le Mesa, Par	68.29 329	I Amb	I Amb	08 43 40.6
BC3	Big Chukcawall	68.29 321	P	P	08 43 39.2 +1.2
MONP2	Monument Peak	68.35 320	P	P	08 43 39.7 +1.2
BAR	Barrett	68.35 319	P	P	08 43 38.7 +0.4
BAR	Barrett	68.35 319	I Amb	I Amb	08 43 41.5
IRM	Iron Mountain	68.46 321	P	P	08 43 40.6 +1.7
U15A	North Rim	68.49 325	I Amb	I Amb	08 43 42.9
NEE2	Needles Airpor	68.59 322	P	P	08 43 41.2 +1.5
D41A	Chassel	68.64 347	I Amb	I Amb	08 43 47.5
109C	Camp Elliot, M	68.76 319	P	P	08 43 42.4 +1.7
N23A	Red Feather La	68.84 332	P	P	08 43 42.7 +1.3
NVL	N'Zarezevskaya	68.84 159	eP	pmax	08 43 41.1 +0.4
NVL	N'Zarezevskaya	68.84 159	eP	pmax	08 43 41.1 +0.4
BELC	Belle Mtn. Jos	68.86 321	P	P	08 43 43.3 +1.8
XPFO	Pion Flat	68.86 320	P	P	08 43 40.6 -1.0
XPFO	Pion Flat	68.86 320	I Amb	I Amb	08 43 45.0
PFO	Pinyon Flats	68.86 320	P	P	08 43 43.2 +1.7
PFO	Pinyon Flats	68.86 320	eP	pmax	08 43 44.0 +2.4
PFO	Pinyon Flats	68.86 320	eP	pmax	08 43 44.0 +2.4
PFO	Pinyon Flats	68.86 320	P	P	08 43 40.7 -0.8
PFO	Pinyon Flats	68.86 320	I Amb	I Amb	08 43 45.0
PFO	Pinyon Flats	68.86 320	P	P	08 43 43.2 +1.7
GMRG	Granite Mounta	69.21 322	P	P	08 43 45.5 +1.8

O20A	White River Cr	69.28 330	I Amb	I Amb	08 43 46.7
O20A	White River Cr	69.28 330	P	P	08 43 45.6 +1.5
MURC	Murrieta	69.30 320	P	P	08 43 45.4 +1.3
LIC	Lamto	69.60 75	eP	P	08 43 44.1 -2.3
HEC	Hector,Ludlow	69.63 321	P	P	08 43 48.4 +2.1
MATO	Matagami	69.69 355	P	P	08 43 45.9 -0.3
TIC	Tourelle	69.78 75	eP	P	08 43 45.4 -2.1
TUQ	Turquoise Moun	69.82 322	P	P	08 43 49.6 +2.1
CCUT	Cedar City	69.90 325	P	P	08 43 47.5 -0.5
KIC	Kosan Boka	69.92 75	eP	P	08 43 47.3 -1.1
DBIC	Dimbokro	69.94 75	P	P	08 43 47.2 -1.2
DBIC	Dimbokro	69.94 75	LR	LR	09 13 53.2
DBIC	Dimbokro	69.94 75	P	P	08 43 47.1 -1.4
DBIC	Dimbokro	69.94 75	P	P	08 43 47.1 -1.4
DBIC	Dimbokro	69.94 75	I Amb	I Amb	08 43 47.1 -1.4
DBIC	Dimbokro	69.94 75	P	P	08 43 50.6 +1.9
BFSO	Mount Baldy Ra	70.02 320	P	P	08 43 50.6 +1.9
RWWY	Rawlins	70.05 332	I Amb	I Amb	08 43 50.4
EYMN	Ely	70.14 345	P	P	08 43 48.4 -0.6
EYMN	Ely	70.14 345	P	P	08 43 48.5 -0.5
TCRU	Treasure Creeks R	70.20 326	P	P	08 43 49.1 -0.7
QSPA	South Pole Gu	70.20 180	P	P	08 43 43.7 -5.7
GSC	Goldstone, Bar	70.24 321	P	P	08 43 52.2 +2.2
PASC	Pasadena Art C	70.29 320	P	P	08 43 49.9 -0.3
PASC	Pasadena Art C	70.29 320	I Amb	I Amb	08 43 53.7
SHOC	Shoshone, 1,2s	70.34 322	P	P	08 43 53.1 +2.6
DECC	Green Verdugo	70.44 320	P	P	08 43 53.5 +2.4
K22A	Casper	70.52 333	I Amb	I Amb	08 43 49.0 -2.6
K22A	Casper	70.52 333	P	P	08 43 53.9
K22A	Casper	70.52 333	P	P	08 43 52.9 +1.3
EDW2	Edwards Air Fo	70.66 320	P	P	08 43 54.3 +1.8
RSSD	Black Hills	70.71 335	P	P	08 43 50.6 -2.2
RSSD	Black Hills	70.71 335	pmax	pmax	08 43 50.6 -2.2
RSSD	Black Hills	70.71 335	P	P	08 43 50.5 -2.2
RSSD	Black Hills	70.71 335	P	P	08 43 53.9 +1.1
LRMC	Laurel Mtn Rad	70.88 321	P	P	08 43 55.9 +2.0
OSI	Osito Audit: C	70.92 320	P	P	08 43 56.0 +1.9
TPNV	Topopah Spring	71.07 323	I Amb	I Amb	08 43 58.8
TPNV	Topopah Spring	71.07 323	P	P	08 43 57.3 +2.2
FURC	Furnace Creek,	71.08 322	P	P	08 43 57.3 +2.4
MPMC	Manual Prospec	71.16 321	P	P	08 43 57.4 +1.6
ARVC	Arvin	71.33 320	P	P	08 43 58.0 +1.5
ISA	Isabella, Lake	71.48 321	I Amb	I Amb	08 44 01.2
ISA	Isabella, Lake	71.48 321	P	P	08 43 59.6 +2.2
DUG	Dugway, Tooele	71.57 327	I Amb	I Amb	08 44 01.2
DUG	Dugway, Tooele	71.57 327	P	P	08 43 60.0 +2.0
AGMN	Agassiz Nation	71.60 343	P	P	08 43 57.6 -0.2
AGMN	Agassiz Nation	71.60 343	P	P	08 43 57.5 -0.3
R11A	Troy Canyon, C	71.69 324	P	P	08 43 57.2 -1.6
R11A	Troy Canyon, C	71.69 324	P	P	08 44 00.8 +2.0
GRAC	Grapevine Rang	71.74 322	P	P	08 44 00.4 +1.5
CWC	Cottonwood Cre	71.77 321	P	P	08 44 00.8 +1.5
PKM	McPherson Peak	71.77 319	P	P	08 44 01.3 +1.9
BW06	Boulder Array	71.96 331	P	P	08 43 59.4 -1.0
BW06	Boulder Array	71.96 331	P	P	08 44 01.1 +0.6
PD31	Pinedale Array	71.96 331	P	P	08 43 59.4 -1.1
PDAR	Pinedale Array	71.96 331	P	P	08 44 01.4 +1.0
PDAR	Pinedale Array	71.96 331	LR	LR	09 17 33.9
PDAR	Pinedale Array	71.96 331	P	P	08 44 00.1 -0.3
YES	Vestal, Richtg	71.96 320	P	P	08 44 02.5 +2.2
HWUT	Hardware Ranch	72.01 329	P	P	08 43 59.7 -1.0
SMCC	Simmler	72.16 319	P	P	08 44 04.0 +2.4
BGU	Big Grassy Mou	72.22 328	P	P	08 44 00.9 -1.0
TIN	Tinemaha, Big	72.28 322	P	P	08 44 04.1 -1.8
MDND	Maddock	72.32 340	P	P	08 44 01.6 -0.5
MDND	Maddock	72.32 340	P	P	08 44 03.1 +1.0
MDND	Maddock	72.32 340	LR	LR	09 17 33.9
AHID	Auburn Hatcher	72.68 330	I Amb	I Amb	08 44 06.9
OMMB	Old Mammoth M	73.11 322	I Amb	I Amb	08 44 11.3
ELK	Elko	73.22 326	P	P	08 44 09.3 +1.3
NVAR	Nimrod Array	73.27 323	P	P	08 44 10.6 +2.4
NVAR	Nimrod Array	73.27 323	P	P	08 44 08.8 +0.5
FXWY	Fox Creek	73.31 331	P	P	08 44 07.4 -1.1
ULM	Lac du Bonnet	73.38 343	P	P	08 44 07.8 -0.5
ULM	Lac du Bonnet	73.38 343	LR	LR	09 18 37.8
ULM	Lac du Bonnet	73.38 343	P	P	08 44 08.0 -0.4
ULM	Lac du Bonnet	73.38 343	pmax	pmax	08 44 08.0 -0.4
ULM	Lac du Bonnet	73.38 343	P	P	08 44 08.0 -0.4
FLWY	Flagg Ranch	73.51 331	P	P	08 44 09.3 -0.3
FLWY	Flagg Ranch	73.51 331	I Amb	I Amb	08 44 12.6
RLMT	Red Lodge	73.69 333	P	P	08 44 12.1 +1.5
H17A	Grant Village	73.70 33			

552A	Salyersville	58.49	349	P	P	09 01 02.0	+1.2	M49A	Liberty Center	62.34	349	P	P	09 01 27.2	+0.2	D54A	Lac Fusel, La	67.01	356	P	P	09 01 57.9	+0.5
W41B	Gary Mavity, V	58.50	339	P	P	09 01 01.0	+0.2	ERPA	Erie	62.35	352	P	P	09 01 27.8	+0.8	D53A	Lac Vacive, Po	67.02	355	P	P	09 01 58.0	+0.5
R55A	Marlinn	58.59	351	P	P	09 01 03.5	+1.9	L54A	Simonsville	62.38	353	P	P	09 01 28.3	+1.0	E47A	Iron Bridge	67.06	351	P	P	09 01 58.0	+0.2
R56A	Bull Pasture M	58.62	352	P	P	09 01 04.2	+2.4	WVNY	West Valley, N	62.47	353	P	P	09 01 27.7	-0.2	MVCO	Mesa Verde	67.06	328	P	I	09 01 57.0	-1.3
T47A	Sharon Grove	58.70	345	P	P	09 01 01.7	-0.5	K59A	Cooperstown	62.53	357	P	P	09 01 30.2	+1.8	MVCO	Mesa Verde	67.06	328	P	I	09 02 06.5	
S50A	Richmond	58.75	347	P	P	09 01 03.5	+0.9	K58A	Scipio Center	62.57	356	P	P	09 01 29.6	+1.0	MVCO	Mesa Verde	67.06	328	P	P	09 01 59.0	+0.7
S49A	Springfield	59.04	347	P	P	09 01 05.2	+0.6	K57A	Scipio Center	62.60	355	P	P	09 01 30.1	+1.3	D51A	Lot 18 Range I	67.19	354	P	P	09 01 59.6	+1.1
W39A	Magazine	59.04	338	P	P	09 01 05.8	+1.2	K56A	Michesex	62.64	355	P	P	09 01 29.5	+0.5	WUAZ	Wupatki	67.27	325	P	I	09 01 57.1	-2.4
Q57A	Strasburg	59.12	353	P	P	09 01 07.2	+0.2	VNA2	Neumayer-Watz	62.68	161	P	P	09 01 31.2	+2.2	WUAZ	Wupatki	67.27	325	P	I	09 02 09.0	
ABTX	Ablene, Hawle	59.13	332	P	P	09 01 05.5	+0.1	K54A	Basilliko Farm,	62.68	353	P	P	09 01 30.3	+1.0	WUAZ	Wupatki	67.27	325	P	P	09 02 01.5	+2.0
ABTX	Ablene, Hawle	59.13	332	P	P	09 01 06.2	+0.8	L50A	Kingsville	62.69	350	P	P	09 01 30.3	+1.0	D50A	C1974 Best Tow	67.31	353	P	P	09 02 00.4	+1.0
R51A	Hillsboro	59.19	348	P	P	09 01 06.3	+0.7	K55A	Perry	62.74	354	P	P	09 01 29.9	+0.2	D48A	Paudash Townsh	67.56	352	P	P	09 02 01.4	+0.5
Q56A	Snyder Ridge,	59.22	352	P	P	09 01 07.5	+1.6	L48A	N Adams	62.87	349	P	P	09 01 30.3	-0.3	E43A	Lone Tree Farm	67.64	348	P	I	09 02 01.1	-0.3
Q56A	Snyder Ridge,	59.22	352	P	P	09 01 07.3	+1.5	J60A	Lant Hill Farm	62.94	358	P	P	09 01 32.1	+1.1	E43A	Lone Tree Farm	67.64	348	P	I	09 02 07.9	
Q55A	Buckhannon	59.29	352	P	P	09 01 07.6	+1.2	J60A	Lant Hill Farm	62.94	358	P	P	09 01 32.1	+1.1	ECSD	EROS Data Cent	67.67	340	P	P	09 02 01.9	+0.2
R50A	Paris	59.31	348	P	P	09 01 07.7	+1.2	L47A	Sherwood	63.05	343	P	P	09 01 32.0	+0.1	ECSD	EROS Data Cent	67.67	340	P	P	09 02 02.9	+1.2
Q53A	Leroy	59.37	350	P	P	09 01 08.9	+2.0	L47A	Sherwood	63.05	343	P	P	09 01 32.0	+0.1	Y12C	Blythe	67.76	322	P	P	09 02 03.4	+1.0
Q54A	Coxs Mills	59.39	351	P	P	09 01 08.2	+1.2	J58A	Remsen	63.14	356	P	P	09 01 33.4	+1.1	ISCO	Idaho Springs	67.76	332	P	P	09 02 04.5	+1.8
Q52A	Bidwell	59.59	350	P	P	09 01 10.7	+2.3	J56A	Wolcott	63.17	355	P	P	09 01 33.6	+1.1	IKP	Idaho Pah, Jac	67.93	320	P	P	09 02 05.8	+2.1
P56A	Dayton Farm, R	59.63	353	P	P	09 01 11.0	+2.3	J59A	Piesco	63.20	357	P	P	09 01 34.5	+1.7	PV15	Paradox Valley	67.94	329	P	p	09 02 07.1	-2.5
P60A	Greenville	59.63	356	P	P	09 01 08.7	0.0	J59A	Piesco	63.20	357	P	P	09 01 34.1	+1.3	SWSC	Sam W. Stewart	67.95	320	P	P	09 02 04.6	+0.9
WC1	Wyandotte Cave	59.69	346	P	P	09 01 08.9	-0.2	J57A	Williamstown	63.24	356	P	P	09 01 33.8	+0.8	PV13	Alidium Mtn., P	67.96	328	I	I	09 02 12.2	
P55A	Reedsville	59.76	352	P	P	09 01 10.5	+1.0	J54A	Appleton	63.33	354	P	P	09 01 32.1	-1.4	BC3	Big Chuckawall	68.24	321	P	P	09 02 07.4	+1.8
U40A	Yellville	59.78	339	P	P	09 01 10.4	+0.7	J54A	Appleton	63.33	354	P	P	09 01 32.1	+0.3	PV22	Blue Mesa, Par	68.24	329	P	I	09 02 03.4	-2.2
MCWV	Mont Chateau	59.91	352	P	P	09 01 12.1	+1.5	I58A	Old Forge	63.45	357	P	P	09 01 35.5	+1.0	MONPZ	Monument Peak	68.29	320	P	P	09 02 07.2	+1.1
S44A	Carbondale	59.93	343	P	I	09 01 10.5	-0.2	J52A	Paris	63.52	352	P	P	09 01 35.6	+0.8	BAR	Barrett	68.30	319	P	P	09 02 06.1	+0.2
P54A	comp=Z,18nm,1.1s	59.94	351	P	P	09 01 12.0	+1.2	K5U1	Kansas State U	63.53	338	P	P	09 01 35.7	+0.7	W13A	Hualapai Mount	68.35	323	P	P	09 02 05.9	-0.6
P53A	Whipple	59.96	351	P	P	09 01 11.7	+0.7	I64A	Boothbay	63.57	1	P	P	09 01 36.3	+1.2	PV09	Paradox Valley	68.38	328	P	P	09 02 05.0	-1.7
HHAR	Hobbs	60.08	338	P	I	09 01 11.8	0.0	I61A	Orcoro, Fairl	63.59	359	P	P	09 01 36.4	+1.1	IRM	Iron Mountain	68.41	321	P	P	09 02 08.7	+2.1
HHAR	Hobbs	60.08	338	P	I	09 01 19.4	0.0	K48A	Perry	63.65	349	P	P	09 01 36.2	+0.5	U15A	North Rim	68.44	325	P	I	09 02 05.2	-1.8
P52A	Corning	60.23	350	P	P	09 01 13.5	+0.7	K47A	Vermontville	63.68	348	P	P	09 01 37.4	+1.5	U15A	North Rim	68.44	325	P	I	09 02 16.3	
Q48A	North Vernon	60.23	347	P	P	09 01 14.5	+1.7	R32A	Long Quarter,	63.72	336	P	P	09 01 37.4	-0.9	N23A	Red Feather La	68.80	332	P	P	09 02 08.2	-1.0
P51A	Williamsport	60.24	349	P	P	09 01 13.3	+0.4	I57A	Carthage	63.74	356	P	P	09 01 37.4	+1.1	BELC	Belle Mtn. Jos	68.80	321	P	P	09 02 10.2	+1.0
MGMO	Mountain Grove	60.31	340	P	P	09 01 13.9	+0.4	K46A	Dot	63.85	348	P	P	09 01 38.2	+1.2	XPFO	Pion Flat	68.81	320	P	I	09 02 08.7	-0.5
O56A	Blue Knob Stat	60.35	353	P	P	09 01 15.4	+1.7	J48A	Bridge Port	64.07	349	P	P	09 01 39.2	+0.7	XPFO	Pion Flat	68.81	320	P	I	09 02 18.4	
O55A	Ligonier	60.38	352	P	P	09 01 15.1	+1.2	H58A	Gabriels	64.14	357	P	P	09 01 40.8	+1.8	PFO	Pinyon Flats M	68.81	320	P	P	09 02 10.2	+1.0
TUL1	Leonard	60.41	337	P	P	09 01 12.6	-1.5	I51A	Listowel	64.14	352	P	P	09 01 40.2	+1.3	LSQQ	Lebel-sur-Quev	68.93	356	P	P	09 02 10.0	+0.6
TUL1	Leonard	60.41	337	P	P	09 01 14.9	+0.8	I55A	Frankford	64.17	354	P	P	09 01 37.1	-2.0	GMRC	Granite Mounta	69.15	322	P	P	09 02 13.3	+2.0
WMOK	Wichita Mounta	60.56	334	P	P	09 01 15.9	+0.7	J47A	Summer	64.20	349	P	P	09 01 39.8	+0.5	KNB	Kanab	69.16	325	P	P	09 02 12.4	+1.0
P49A	Miami Univ. Ec	60.60	348	P	P	09 01 15.5	+0.1	H57A	Richville	64.25	356	P	P	09 01 40.2	+0.6	O20A	White River Ci	69.23	330	I	I	09 02 10.3	-1.5
SSPA	Standing Stone	60.65	354	P	P	09 01 17.2	+1.6	ANMO	Albuquerque	64.27	328	P	P	09 01 40.2	0.0	O20A	White River Ci	69.23	330	I	I	09 02 13.4	+1.6
P48A	Milroy	60.68	347	P	P	09 01 18.0	+2.2	ANMO	Albuquerque	64.27	328	P	P	09 01 38.4	-1.8	MURC	Murrieta	69.25	320	P	P	09 02 13.4	+1.6
O51A	Pataskala	60.80	350	P	P	09 01 17.1	+0.4	SNA	Sanae	64.30	161	P	P	09 01 41.8	+2.1	LCMT	Little Creek M	69.39	325	P	P	09 02 10.8	-1.9
CCM	Cathedral Cave	60.83	342	P	I	09 01 16.2	-0.7	SNA	Sanae	64.30	161	P	P	09 01 40.0	+0.2	SRU	San Rafael Swe	69.54	328	P	P	09 02 12.2	-1.5
CCM	Cathedral Cave	60.83	342	P	I	09 01 18.1	0.0	H63A	New Sharon	64.31	1	P	P	09 01 41.1	+1.1	MTPU	Mount Pierson	69.58	326	P	p	09 02 17.4	-2.6
N55A	Marion Center	60.91	353	P	P	09 01 18.4	+1.0	H59A	Cadyville	64.35	358	P	P	09 01 41.6	+1.4	MATG	Matagami	69.67	355	P	P	09 02 14.6	+0.5
N56A	West Decatur	60.97	353	P	P	09 01 19.8	+2.0	H56A	Elgin	64.43	356	P	P	09 01 41.6	+0.8	Q16A	Castle Valley	69.72	327	p	P	09 02 17.7	-2.9
O50A	Cable	60.98	349	P	P	09 01 19.4	+1.4	CBKS	Cedar Bluff	64.46	335	P	P	09 01 42.5	+1.3	SZCU	Shurtz Canyon	69.73	325	P	p	09 02 18.2	-2.6
S39A	Bolivar	61.14	340	P	I	09 01 19.5	+0.5	H55A	Tweed	64.46	355	P	P	09 01 42.6	+1.6	CCUT	Cedar City	69.85	325	P	P	09 02 16.8	+1.1
S39A	Bolivar	61.14	340	P	I	09 01 26.4	0.0	I49A	Point Hope	64.54	350	P	P	09 01 42.6	+1.6	P17A	Butcher Ranch,	69.93	328	P	P	09 02 15.5	-0.5
MNTX	Cornudas Mount	61.15	326	P	I	09 01 19.5	+0.3	TUC	Tucson	64.56	323	P	P	09 01 41.1	-0.9	BFSC	Mount Baldy Ra	69.96	320	P	P	09 02 17.8	+1.5
MNTX	Cornudas Mount	61.15	326	P	I	09 01 26.6	0.0	TUC	Tucson	64.56	323	P	P	09 01 42.9	+0.9	DBIC	Dimbokro	70.00	75	P	P	09 02 16.1	-0.8
O49A	Covington	61.16	348	P	I	09 01 18.6	-0.5	H53A	Bobcaygeon	64.61	354	P	P	09 01 42.5	+0.5	DBIC	Dimbokro	70.00	75	P	I	09 02 15.2	-1.7
O49A	Covington	61.16	348	P	I	09 01 25.1	0.0	G60A	Masonville	64.76	359	P	P	09 01 45.9	+2.9	SHPR	Sheep Range	70.08	323	P	I	09 02 22.4	
N54A	Moraine State	61.21	352	P	P	09 01 20.7	+1.3	G58A	Ormsdown	64.86	357	P	P	09 01 44.7	+1.1	SHPR	Sheep Range	70.08	323	P	I	09 02 15.1	-2.0
M58A	Price's Panora	61.25	355	P	P	09 01 20.5	+0.8	G62A	West of Eustis	64.86	0	P	P	09 01 44.5	+0.8	SHPR	Sheep Range	70.08	323	P	I	09 02 26.2	
M57A	Sunshine Farm,	61.27	355	P	P	09 01 20.9	+1.0	I48A	Sherman Twp	64.92	350	P	P	09 01 44.8	+0.7	EYMN	Ely	70.10	345	P	P	09 02 17.3	+0.6
N52A	McGinn's Farm,	61.31	351	P	P	09 01 21.6	+1.5	G61A	St-Isidore-de-	64.93	359	P	P	09 01 46.7	+2.6	GSC	Goldstone, Bar	70.18	321	P	I	09 02 17.8	+0.1
M59A	Waymart	61.34	356	P	P	09 01 21.6	+1.3	T25A	Trinidad	65.05	331	P	P	09 01 46.7	+1.4	GSC	Goldstone, Bar	70.18	321	P	I	09 02 26.8	
Q48A	Farmland	61.39	348	P	P	09 01 20.5	-0.1	JFWS	Jewell Farm	65.08	344	P	P	09 01 46.7	+1.6	RDMU</							

ZEA	comp=E,700nm,13.0s	MLR	MLR						
TIA	comp=N,700nm,15.0s	19.59 275	P	Pn	09 07 21.3	+2.2			
TIA	comp=N,20nm,1.0s		Pmax	Pmax					
TIA	comp=N,1µm,14.4s		LR	LR					
TIA	comp=N,690nm,15.1s		LR	LR					
PEA08	comp=N,1µm,15.5s	19.69 301	eP	Pn	09 07 20.6	+0.5			
PEA08	Petrovsk	19.69 301	eP	Pn	09 07 18.2	+0.5			
PETK	Petrovsk	19.69 301	eP	Pn	09 07 19.7	-0.4			
PETK	comp=N,0.2nm,0.3s,baz=198,slow=9.0,SNR=7.4		LR	LR	09 14 26.3				
PETK	comp=N,256nm,21.6s,baz=228,slow=35		LR	LR					
PETK	Petrovsk-Beijing	19.69 301	eP	Pn	09 07 18.2	-0.5			
BJI		20.04 287	eP	Pn	09 07 23.6	-0.8			
BJI			S	Sn	09 11 10.5	+0.9			
BJI	comp=N,8.0nm,0.9s		Pmax	Pmax					
BJI	comp=N,550nm,13.7s		LR	LR					
BJI	comp=N,300nm,18.9s		LR	LR					
TPUB	comp=N,300nm,18.9s	22.57 239	P	P	09 07 51.1	+1.1			
MA2	Magadan	23.38 12	P	P	09 07 58.0	-0.2			
MA2	comp=N,30nm,0.8s,baz=195,slow=11,SNR=34		P	P	09 07 58.0	+0.8			
MA2	Magadan	23.38 12	eP	P					
MA2	comp=Z,42nm,1.0s		Pmax	Pmax					
MA2	Magadan	23.38 12	P	IAMB	09 07 58.3	+0.2			
MA2	comp=Z,28nm,0.8s		IAMB	IAMB	09 08 02.2				
WHN	Wuhan	23.43 262	P	P	09 07 52.9	-6.0			
HHC	Hu-ho-hao-te	23.56 289	eP	P	09 08 00.0	-0.2			
HHC	comp=Z,130nm,0.7s		Pmax	Pmax					
HHC	comp=Z,470nm,7.0s		LR	LR					
HHC	comp=Z,1µm,11.4s		LR	LR					
HHC	comp=Z,620nm,10.5s		LR	LR					
HHC	comp=Z,1µm,11.0s		LR	LR					
BTO	Baotou	24.73 288	eP	P	09 08 04.1	-7.1			
YAK	Yakutsk	26.13 347	P	P	09 08 22.5	-0.9			
YAK	comp=Z,12nm,0.6s,baz=169,slow=1.5,SNR=9.0		P	P	09 08 19.0	-4.4			
YAK	Yakutsk	26.13 347	eP	P	09 08 30.0	+1.8			
YAK			ePP	sP	09 11 47.5				
YAK			eS	sS	09 12 44.3	-1.0			
YAK			eSS	sS	09 13 00.8	+0.7			
YAK			e		09 19 13.5				
YAK	comp=Z,49nm,0.9s		Pmax	Pmax					
YAK	comp=N,22nm,1.2s		Pmax	Pmax					
YAK	comp=E,11nm,1.3s		Pmax	Pmax					
YAK	comp=N,21nm,0.9s		Pmax	Pmax					
YAK	comp=Z,46nm,0.9s		Pmax	Pmax					
YAK	comp=E,14nm,1.0s		Pmax	Pmax					
YAK	comp=E,218nm,4.8s		smax	smax					
YAK	comp=N,128nm,4.7s		MLR	MLR					
YAK	comp=Z,913nm,13.0s		MLR	MLR					
YAK	comp=E,220nm,12.0s		MLR	MLR					
YAK	comp=N,683nm,12.0s		MLR	MLR					
YAK	Yakutsk	26.13 347	P	P	09 08 22.2	-1.2			
YAK	comp=Z,53nm,1.0s		IAMB	IAMB	09 08 36.7				
XAN	Xi'an	26.62 273	P	P	09 08 32.1	+3.9			
XAN			pP	sP	09 08 39.4	+6.4			
XAN			S	S	09 13 08.0	+5.0			
XAN			ScP	ScP	09 15 25.6	-6.4			
XAN			Pmax	Pmax					
XAN	comp=Z,12nm,0.6s		Pmax	Pmax					
XAN	comp=Z,92nm,3.9s		LR	LR					
XAN	comp=Z,1µm,15.3s		LR	LR					
XAN	comp=Z,370nm,14.5s		LR	LR					
XAN	comp=Z,690nm,12.8s		LR	LR					
SEY	Seymchan	26.82 11	P	P	09 08 30.4	+0.8			
SEY	comp=Z,13nm,1.0s,baz=198,slow=7.5,SNR=17		P	P	09 08 30.0	+0.4			
ENH	Seymchan	26.82 11	eP	P	09 08 33.8	-1.5			
ENH	Enshi	27.41 265	P	IAMB	09 08 42.4				
ULN	Ulanbaatar	27.44 304	P	P	09 08 33.7	-1.9			
ULN	comp=Z,9.0nm,0.7s		Pmax	Pmax					
ULN	Ulanbaatar	27.44 304	P	P	09 08 33.7	-1.9			
BOD	Bodaibo	27.61 328	eP	P	09 08 35.9	-0.9			
BOD	comp=Z,20nm,0.9s		Pmax	Pmax					
SOMM	Songino Array	27.87 304	P	P	09 08 37.3	-2.2			
SOMM	comp=Z,5.4nm,0.7s,baz=102,slow=7.9,SNR=17		LR	LR	09 19 42.5				
SOMM	comp=Z,310nm,20.0s,baz=104,slow=36		LR	LR					
SOMM	Songino Array	27.87 304	P	P	09 08 37.3	-2.2			
H1N2	WAKE ISLAND Hy 28.08 121	T	T	T	09 37 58.9				
H1N1	WAKE ISLAND Hy 28.07 121	T	T	T	09 38 03.2				
H1N3	WAKE ISLAND Hy 28.08 121	T	T	T	09 38 02.8				
H1S1	WAKE ISLAND Hy 28.07 123	T	T	T	09 38 57.1				
H1S3	WAKE ISLAND Hy 28.77 123	T	T	T	09 38 55.2				
H1S2	WAKE ISLAND Hy 28.79 123	T	T	T	09 38 58.3				
LZH	Lanzhou	30.15 280	eP	P	09 09 00.3	+0.5			
LZH			pP	sP	09 09 05.8	+1.2			
LZH			pP	sP	09 09 09.0	+5.8			
LZH	comp=Z,16nm,1.3s		Pmax	Pmax					
LZH	comp=Z,59nm,5.4s		LR	LR					
LZH	comp=Z,1µm,16.3s		LR	LR					
LZH	comp=Z,930nm,16.8s		LR	LR					
LZH	comp=Z,1µm,17.9s		LR	LR					
ZAK	Zakamensk	30.36 308	eP	P	09 08 59.7	-1.7			
ZAK			Pmax	Pmax					
TLY	Talaya	30.41 311	eP	P	09 09 01.3	-0.6			
TLY	comp=Z,8.0nm,0.8s		Pmax	Pmax					
TLY	Talaya	30.41 311	P	P	09 09 00.9	-0.9			
GYA	Guyang	31.29 260	P	P	09 09 11.3	+1.4			
GYA			pP	sP	09 09 15.3	+0.6			
GYA			PP	Pn	09 10 12.9	+0.9			
GYA			S	Sn	09 14 15.8	-0.9			
GYA			SS	SnSn	09 15 58.9	-0.6			
GYA	comp=Z,20nm,0.5s		Pmax	Pmax					
GYA	comp=Z,120nm,4.9s		LR	LR					
GYA	comp=Z,470nm,12.5s		LR	LR					
GYA	comp=Z,270nm,10.8s		LR	LR					
GYA	comp=Z,310nm,10.8s		LR	LR					
CD2	Chengdu	31.75 270	P	P	09 13 00.0	-0.9			
CD2			S	S	09 14 23.0	-0.7			
CD2	comp=Z,10.0nm,0.5s		Pmax	Pmax					
CD2			LR	LR					

CD2	comp=Z,2µm,19.1s		LR	LR					
CD2	comp=Z,2µm,17.2s		LR	LR					
MOY	Mondy	32.02 310	eP	P	09 09 14.7	-1.4			
GTA	Gaotai	32.65 287	P	P	09 09 20.4	-1.4			
GTA			pP	pP	09 09 24.3	+0.9			
GTA			sP	sP	09 09 27.0	+0.4			
GTA			PcP	PcP	09 12 11.1	+3.5			
GTA			S	S	09 14 36.0	-1.7			
GTA			SS	SnSn	09 16 34.3	+2.1			
GTA			Pmax	Pmax					
GTA	comp=Z,7.0nm,1.2s		Pmax	Pmax					
GTA	comp=Z,160nm,6.2s		LR	LR					
GTA	comp=Z,420nm,15.9s		LR	LR					
GTA	comp=Z,420nm,16.2s		LR	LR					
GTA	comp=Z,460nm,16.2s		LR	LR					
QIZ	Qiongzong	32.98 246	P	S	09 09 24.8	+0.1			
QIZ			S	LR	09 14 43.6	+0.7			
QIZ	comp=Z,590nm,18.9s		LR	LR					
QIZ	comp=Z,420nm,16.1s		LR	LR					
QIZ	comp=Z,260nm,12.7s		LR	LR					
BILL	Bilibino	34.05 16	P	P	09 09 34.0	+0.5			
BILL			eS	S	09 10 45.6	+0.9			
BILL	comp=Z,7.0nm,1.3s		MLR	MLR					
BILL	comp=Z,241nm,14.0s		P	P	09 09 32.6	-0.9			
BILL	Bilibino	34.05 16	P	P	09 09 41.2	-1.4			
KMI	Kumming	35.03 261	P	Pmax					
KMI	comp=Z,18nm,0.6s		LR	LR					
KMI	comp=Z,350nm,14.8s		LR	LR					
KMI	comp=Z,300nm,18.0s		LR	LR					
KMI	comp=Z,510nm,14.9s		LR	LR					
TIXI	Tiksi	35.34 353	P	P	09 09 43.9	-0.7			
TIXI	comp=Z,8.7nm,1.0s,baz=146,slow=8.3,SNR=17		P	P	09 09 44.0	-0.6			
TIXI	Tiksi	35.34 353	eP	Pmax					
TIXI	comp=Z,12nm,1.0s		P	P	09 09 44.0	-0.6			
TNTI	Ternate	35.34 353	P	P	09 10 14.7	+4.0			
TNTI	comp=Z,45nm,0.5s		P	P	09 10 19.2	+4.3			
SWI	Sorong	38.85 196	P	P	09 10 15.1	+0.1			
SUJI	Sorong	38.85 196	P	P	09 10 18.8	+3.7			
SMPI	Sarmi	38.87 184	P	P	09 10 23.2	+3.6			
GENI	Genyem	39.40 182	P	P	09 10 34.2	+4.4			
FAKI	Fak Fak	40.63 194	P	P	09 10 31.2	+1.4			
FAKI	Fak Fak	40.63 194	P	IAMB	09 10 36.7				
FAKI	comp=Z,24nm,0.7s		P	P	09 10 33.3	+1.2			
WMQ	Urumqi	40.93 297	eP	P	09 10 38.5	+1.5			
WMQ			pP	pP	09 10 45.3	+1.0			
WMQ			Pmax	Pmax					
WMQ	comp=Z,26nm,0.9s		Pmax	Pmax					
WMQ	comp=Z,120nm,4.5s		LR	LR					
WMQ	comp=Z,540nm,13.7s		LR	LR					
WMQ	comp=Z,140nm,16.5s		LR	LR					
WMQ	comp=Z,400nm,22.5s		LR	LR					
WMQ	Urumqi	40.93 297	P	Pmax	09 10 31.7	-0.4			
WMQ	comp=Z,23nm,0.8s		P	IAMB	09 10 31.7	-0.4			
WMQ	Urumqi	40.93 297	P	IAMB	09 10 45.9				
PBKT	Sadao Pong	41.12 251	P	P	09 10 33.2	-0.6			
CHTO	Chiang Mai	41.35 256	P	Pmax	09 10 35.1	-0.7			
CHTO	comp=Z,12nm,1.4s		P	P	09 10 35.1	-0.7			
CHTO	Chiang Mai	41.35 256	P	P	09 10 39.2	+2.8			
SANI	Sanana	41.44 204	P	P	09 10 35.0	-0.8			
CMAR	Chiang Mai Arr	41.56 255	P	P	09 10 35.0	-2.5			
CMAR	comp=Z,1.1nm,0.2s,baz=50,slow=5.6,SNR=5.0		LR	LR	09 30 14.4				
CMAR	Chiang Mai Arr	41.56 255	P	P	09 10 37.4	-0.1			
CMAR	Chiang Mai Arr	41.56 255	P	P	09 10 37.4				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include IPOC Station P, La Paz, IPOC Station P, Yavi, Humahuaca, San Ignacio, Pitinga, Torodi Ar. Bea, YKA, MKAR, SONMI.

IDC 17 10:13:12.6:1.3, 19.88S:70.75W, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.7/2.1, mbtmp3.8/7, ML3.9/2, MS3.3/3, Ms1 3.2/3, ms1mx2.8/35, Error ellipse: s-maj=35.2km s-min=17.0km az=58.0

GUC 17 10:13:16.0:0.6, 19.97S:70.87W, h34km, 2km, ML3.9

ISC 17 10:13:15.3:3.3, 19.97S:70.87W, h1km, 20km, n22, r12/41, mb3.8/5, 3C-3D, Near coast of northern Chile

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include PSGC, TA01, PATCX, IPOC Station P, PB02, GO01, PB08, AP01, PB01, PB07, PB16, PB03, PB09, PB09, PB04, LVC, LVC, LPAZ, SIV, CPUP, PTGA, BDFB, MDP, TXAR, YBH, TORD, YKA, H1S2, H1S1, H1S3, ZALV, MKAR, SONMI.

IDC 17 10:16:54.0:8.9, 7.00N:95.01E, h295km, 88km, mb2.9/6, mb1 3.1/7, mb1mx2.9/4.1, mbtmp3.6/7, Error ellipse: s-maj=68.1km s-min=18.1km az=56.0

ISC 17 10:16:45.0:1.4, 6.9N:102.942E:0.3, h206km, n7, r059/7, mb3.2/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CMAR, MKAR, SONMI, WRA, ZALV, ASAR, BRTR.

MEX 17 10:25:34.2:0.3, 14.80N:92.66W, h76km, 7km, MD3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include STG3, CCIG, CCIG, FUG, FUG, IXC, IXC.

IDC 17 10:26:01.9:0.8, 4.05N:71.43W, h0km, mb3.8/9, mb1 4.1/13, mb1mx4.0/3.1, mbtmp4.0/13, ML3.2/3, MS3.4/11, Ms1 3.4/11, ms1mx3.1/42, Error ellipse: s-maj=18.3km s-min=13.7km az=34.0

RSNC 17 10:26:05.5:0.8, 3.89N:71.55W, h4km, 4km, ML3.9, Mw4.0

ISC 17 10:26:02.5:0.6, 3.96N:71.59W, h0.03, h10km, n55, r2505/80, mb3.8/8, MS3.4/8, 2C-3D, Colombia

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include PTGC, GUVG, VILC, CHIC, TAMC, RUSC, CVER, MACC, ROSC, SPBC, BARC, PAMC, NORC, ORTC, TOLC, PTBC, ANIL, RREF, GUY2C, GARC, OCAC, HELC, FLOC, ZARC, YOTC, SDV, PLMC, CBCC, PCON, SMLC, SOTA, UREC, DBBC, CODC, SJCC, PCRV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include PCRV, PTGA, PTGA, ATAH, JTS, LPAZ, LPAZ, APG, SIV, CPUP, TXAR, ULM, SDAR, PDAR, ELK, NVAR, YKA, TORD, ILAR, ASAR.

IDC 17 10:47:28.3:1.6, 20.04S:70.94W, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.7/36, mbtmp3.8/6, ML3.9/2, MS2.8/2, Ms1 2.8/2, ms1mx2.4/29, Error ellipse: s-maj=42.4km s-min=25.8km az=51.0

GUC 17 10:47:31.3:0.6, 20.08S:70.90W, h27km, 5km, ML3.8

ISC 17 10:47:30.3:3.5, 20.08S:70.90W, h13km, 22km, n26, r133/31, mb3.6/4, 4C-2D, Near coast of northern Chile

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include TA01, PSGC, PATCX, PB11, PB12, PB12, PB08, PB01, GO01, AP01, PB07, LVC, LVC, LPAZ, SIV, CPUP, PTGA, TORD, YKA, H1S2, H1S3, H1N3, H1N2, H1N1, LPAZ, PTGA, DBIC, TORD, YKA.

IDC 17 11:03:29.6:1.9, 20.01S:70.86W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/25, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=57.8km s-min=44.3km az=39.0, Peru-Bolivia border region

GUC 17 11:03:30.3:0.5, 20.04S:70.91W, h7km, 4km, ML3.5

ISC 17 11:03:30.4:1.8, 20.01S:70.89W, h0.07, h8km, 10km, n21, r059/29, 5C-2D, Near coast of northern Chile

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

NEIC 17 11:15:15.2-0.6, 3.76N:126.2E:0.1, h11km, 10km, mb4.4/19, Error ellipse: s-maj=21.3km s-min=9.3km

MAN 17 11:15:15.6, 3.76N:126.25E, h100km, mb5.0, ML3.9, MS3.9

IDC 17 11:15:16.4-2.8, 3.71N:126.12E, h119km, 31km, mb4.0/6, mb1.4/17, mb1mx3.5/49, mbtmp4.4/7, MS3.7/2, Ms1.3/7.2, ms1mx2.6/34, Error ellipse: s-maj=59.0km s-min=17.9km az=73.0

DJA 17 11:15:16.6-0.7, 4.7N:6.12E, h125km, 8km, M4.6/11, mb4.5/8, mb5.1/5, M/LV4.7/11, Mw(mb)4.5/5

ISC 17 11:15:14.9-0.6, 3.72N:126.04E:126.29E:0.06, h100km, n51, +156.0/0, mb4.5/14, 1C-2D, Talau Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, GSPH General Santos, TINTI Ternate, etc.

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

NEIC 17 11:16:32.8-1.6, 19.93S:0.08:71.02W:0.06, h10km, 2km, mb4.2/4, ML4.0(GUC), Error ellipse: s-maj=15.7km s-min=5.0km az=323.0

IDC 17 11:16:33.9-1.1, 19.95S:70.79W, h0km, mb3.8/3, mb1.4/15, mb1mx3.8/35, mbtmp4.0/5, ML3.8/2, Error ellipse: s-maj=42.9km s-min=18.0km az=62.0

SJA 17 11:16:35.0-0.7, 19.97S:70.83W, h26km, 2km, ML3.6, MW3.6

GUC 17 11:16:33.9-0.5, 19.95S:70.90W, h32km, 1km, ML4.0

ISC 17 11:16:33.1-1.7, 19.95S:0.02:70.90W:0.05, h6km, 10km, n46, +0.99/69, mb4.2/5, 4C-4D, Near coast of northern Chile

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PATCX Punta Patache, PATCX IPOC Station, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB12 comp=N,758nm,0.6s, GO01 Chuzmiza, PB07 IPOC Station, etc.

IDC 17 11:27:33.1-7.5, 19.37S:67.12W, h232km, 43km, mb3.2/2, mb1.3/34, mb1mx3.0/39, mbtmp3.7/4, MS3.1/1, Ms1.3/1.1, s-min=27.9km az=23.0, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ La Paz, SIV San Ignacio, TORD Torodi Ar. Bea, etc.

IDC 17 11:29:32.9-0.8, 20.08S:70.63W, h0km, mb4.2/11, mb1.4/3/14, mb1mx4.1/39, mbtmp4.3/14, ML4.2/3, MS3.7/5, Ms1.3/7.5, ms1mx3.3/35, Error ellipse: s-maj=20.9km s-min=14.5km az=66.0

NEIC 17 11:29:33.5-2.1, 20.13S:0.05:70.95W:0.07, h17km, 1km, mb4.5/16, Mw4.2/21, ML4.2(GUC), Error ellipse: s-maj=10.8km s-min=5.8km az=117.0

NEIC 17 11:29:34.8, 20.16S:70.87W, h2km, Moment Tensor Solution. Moment tensor: Scale 1015N; M3.3/4; Mw0.51; Ms3.91; Mw0.72; Mw0.15; Mw2.30; Fault plane solution: M4.40000+1015. NP1=8.75000, 629.63000, A.107.60000. NP2=168.70000, 861.88000, 1.8024000. Principal axes: T.4.1817, P171.0000, Azm57.0000; N.0.4136, P1g.0000; Azm173.0000; P -4.5953, P1g16.0000; Azm266.0000;

GUC 17 11:29:36.2-0.6, 20.12S:70.90W, h16km, 4km, ML4.2

VAO 17 11:29:39.6-0.4, 20.06S:70.66W, h55km, mb4.3

ISC 17 11:29:35.1-3.1, 20.14S:0.02:70.84W:0.05, h27km, 9km, n114, +1.28/123, mb4.4/13, 10C-4D, Near coast of northern Chile

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB16 IPOC Station, GO01 Chuzmiza, PATCX Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAML Samuel, SAML Samuel, CPUP Villa Florida, etc.

IDC 17 11:33:13.3:1.4, 19.89S:70:79W, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.7/37, mbtmp3.8/6, ML3.6/2, Error ellipse: s-maj=40.1km s-min=17.9km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB05 IPOC Station P, etc.

YKA Yellowknife Arr 89.04 341 P P 11 46 10.6 +2.4
MKAR Makanchi Array 145.55 33 PKPbc PKPbc 11 52 51.8 -0.2
SONML Songino Array 152.11 4 PKPbc PKPbc 11 53 10.1 +0.9

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

IDC 17 11:36:13.3:1.6, 19.89S:70:80W, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.7/37, mbtmp3.8/6, ML3.6/2, Error ellipse: s-maj=40.1km s-min=17.9km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AP01 Chacalluta, AP01 Chacalluta, PB02 IPOC Station P, etc.

IDC 17 11:46:37.4:0.9, 19.89S:70:67W, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/34, mbtmp3.9/8, ML4.0/2, MS3.0/3, Ms1 3.0/3, ms1mx2.8/29, Error ellipse: s-maj=27.2km s-min=15.8km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, etc.

IDC 17 11:41:38.4:1.9, 20.03S:70:86W, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/37, mbtmp3.7/4, ML3.6/2, Error ellipse: s-maj=55.8km s-min=20.4km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PATCX IPOC Station P, PB11 IPOC Station P, etc.

IDC 17 11:46:37.4:0.9, 19.89S:70:67W, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/34, mbtmp3.9/8, ML4.0/2, MS3.0/3, Ms1 3.0/3, ms1mx2.8/29, Error ellipse: s-maj=27.2km s-min=15.8km az=66.0

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

IDC 17 11:46:38.8:0.6, 19.93S:70:93W, h39km, 3km, ML4.1, ISC 17 11:46:38.8:1.7, 19.93S:0.03:70:86W, 0.06, h0km, 10km, n52, c1916/57, mb4.1/6, 5C-1D, Near coast of northern Chile

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

IDC 17 11:41:38.4:1.9, 20.03S:70:86W, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/37, mbtmp3.7/4, ML3.6/2, Error ellipse: s-maj=55.8km s-min=20.4km az=60.0

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

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes entries for ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, KSH Kashi, SONH Songino Array.

IDC 17 12:00:37.2,3.2,4.4;34S:179.64W,h494km,29km,mb3.8/9, mb1.3/1.1,mb1mx3.4/4.3,mbtmp4.6/1.1, Error ellipse: s-maj=33.1km s-min=22.7km az=67.0

NEIC 17 12:00:40.6,0.9,2.4;4S:0.1;179.9W:0.1,h523km,10km, mb4.5/1.7, Error ellipse: s-maj=18.0km s-min=16.6km az=214.0

Main station list table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like MSVF Novsava, NFK Norfolk Island, OUZ Omaha, DZM Mont Dzumac, URZ Urewhera, etc.

WEL 17 12:11:10.8,41.1;17.4E:h66km,2km,ML4.0/12, ML3.8/12, Error ellipse: s-maj=0.0km s-min=0.0km az=110.1, South Island

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like TCW Tory Channel, BSWZ Blackbirch Sta, CNWZ Cape Campbell, etc.

Main station list table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like HOW Holdsworth Sta, TRWZ Traveller, MRZ Mangatoinaka R, etc.

MEX 17 12:12:43.7,0.4,1.4;27N:93.41W,h22km,92km,MD4.0 GCG 17 12:12:45.4,0.5,1.4;28N:93.14W,h35km,99km,MD4.1

ISC 17 12:12:42.2,0.2,1.4;3N:21.0;193.40W:0.08,h36km,n6, o=88R, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like PCIG Pukeiti, STG3 Santiaguito 3, CGIG Comitán, etc.

MAN 17 12:25:59.6,5.1;11N:126.63E,h9km,mb5.5,ML4.5,MS4.8 GCMT 17 12:26:01.1,0.3,5.1;4N:0.02;126.77E:0.03,h39km

MW 0.652 Moment Tensor Solution, s=52.676; Duration: 0 Moment tensor; Scale 10^16Nm; Mw: 2.5; 16; Mw-0.93; 0.9; Mw-0.32; 1.3; Mw-0.22; 0.9; Mw: 1.4; 1.0; Mw-0.43; 1.4; Best double couple: M3.3,45800x10^16

NP1:0.122,0.0000,0.40,0.00000,0.75,0.00000. NP2: 0.27810,0.00000,0.852,0.00000,0.75,0.00000. Principal axes: T 3.480, P1g77.0000, Azm136.0000; N -0.0040, P1g12.0000, Azm288.0000; P -3.4350, P1g6.0000, Azm19.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

refer-rater function IDC 17 12:26:01.1,1.4,5.0;0N:126.62E,h51km,12km,mb4.3/32, mb1.4/3/35,mb1mx3.4/3.4,mbtmp4.5/35,ML4.4/3,MS3.9/20, Ms1.4/0.20,ms1mx3.8/33 Error ellipse: s-maj=16.2km

NEIC 17 12:26:03.1,1.3,5.0;3N:0.06;126.64E:0.07,h75km,5km, mb4.8/9.9, Error ellipse: s-maj=11.2km s-min=6.5km az=57.0

DJA 17 12:26:03.9,0.4,5.1;3N:12.7E:h67km,4km,ML4.8/41, mb4.8/41,mb5.2/13,MLV5.1/10,Mw(mB)4.7/13,Mwp5.0/2

ISC 17 12:26:02.0,0.6,5.0;4N:0.03;126.61E:0.05,h61km,5km, n255,1985/274,mb4.7/69,7C-3D,Mindanao

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like DDMP Don Marcelino, MATI Mati, GSPH General Santos, etc.

Main station list table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like DAV Davao City-Mi, DMPH Davao City, KCP Kidapawan, etc.

YHNH Yeheng 20.16 346 P Iamb Iamb 12 30 31.0 -0.7

YHNH Yeheng 20.16 346 P Iamb Iamb 12 30 41.5

UGM Wanagama 20.57 231 P Iamb Iamb 12 30 37.0 +0.8

UGM Wanagama 20.57 231 P Iamb Iamb 12 30 45.9

KNRA Kununurra 20.69 174 P P 12 30 37.8 +0.3

KNRA Kununurra 20.69 174 P Iamb Iamb 12 30 37.7 +0.2

KNRA Kununurra 20.69 174 P Iamb Iamb 12 30 53.9

QIZ Qiongzong 21.47 312 P S 12 30 45.3 -0.5

QIZ Qiongzong 21.47 312 P S 12 34 18.1 +1.0

KPJJI Karang Pucung 21.50 235 P P 12 30 48.0 +1.9

JOW Kunigami 21.73 4 P Iamb Iamb 12 30 47.8

JOW Kunigami 21.73 4 P Iamb Iamb 12 30 54.0

MYKOM Kota Tinggi 22.94 263 P Iamb Iamb 12 31 01.9 +0.4

MYKOM Kota Tinggi 22.94 263 P Iamb Iamb 12 31 03.9

FITZ Fitzroy Crossi 23.01 182 P P 12 31 02.0 -0.1

FITZ Fitzroy Crossi 23.01 182 P P 12 31 02.1 -0.1

FITZ Fitzroy Crossi 23.01 182 P Iamb Iamb 12 31 02.1 -0.1

FITZ Fitzroy Crossi 23.01 182 P Iamb Iamb 12 31 04.4

PMBI Pelambuan 23.21 251 P P 12 31 05.3 +1.2

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like WBO Warramunga Arr, KLM Kilmory, WRAB Tennant Creek, etc.

17d 13h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sadoo Pong, Rantau Prapat, Nanting, Wuhan, Nakatsue, etc.

2014 MAR

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ulaanbaatar, Toolangi, Songo Array, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FINES, FINES Array B, AKASA, etc.

ATH 17:12:51:17.9, 38.17N-20.36E, h11km, 1km, ML2.3/8, Error ellipse: s-maj=1.7km s-min=1.1km az=252.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHV1, KEF3, KXRF, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KEF1, KEF2, KEF3, etc.

NIED 17:13:20.00:24.00N:122.40E, h35km, Mw5.1 Best double couple: Ms5.55000*10^16 NP1:3.600000*82.000000

NP1:φ=292.00000°,δ32.00000°,λ127.00000°. NP2:φ=70.00000°,δ65.00000°,λ69.00000°. Principal axes: T 4.8960, P1g64.0000°, Azm306.0000°; N 0.3450, P1g19.0000°, Azm79.0000°; P -5.2340, P1g18.0000°, Azm175.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ASIES 17 13:12:57.1, 24.06N, 122.37E, h27km, MW4.7
ISC 17 13:12:55.4, 0.4, 23.98N, 0.02, 122.44E, 0.01, h25km, 2km, h27km; p-P, n775, r1941929, m5.3/204, MS4.7/43,

106C-49D, Taiwan region

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations like EOS1, JYNG, YOJ, HWA, ENLB, TWD, ENA, NACB, TWC, ET LH, ESL, EGFH, ILA, TWE, ENT, NTC, NDT, HGSD, NNSB, NNSH, SLBB, NNS, WHF, TWSB, TWB1, EHY, TIPB, OWD, CHGB, NWLT, TWT, YHNB, YHNB, YULB, TDCB, NSK, VWDT, TWF1, IRIF, NWF.

Table with columns: WFSB, Wu-fen Shan, 1.24 331, P, b, 13 13 18.3, +0.1. Lists various seismic stations like WFSB, HATJ, NHDH, NHDH, FULB, TATO, TATO, TATO, CHKT, TAP, SSSL, SSSL, DPDB, WLTB, WLTB, WHP, WHP, SMLT, SMLT, YM10, YM11, YM11, YM08, TYC, TYC, TWS1, TWS1, LIOB, LIOB, NSTT, NSTT, JKRS, JKRS, ANP, ANP, WHYT, WHYT, NTST, NTST, TWY, TWY, NCU, NCU, NCUH, NCUH, ELDTW, ELDTW, TWH, TWH, SBCB, SBCB, SBCB, SBCB, TWC1, TWC1, TWC1, TWC1, ALS, ALS, ALS, ALS, WJS, WJS, WJS, WJS, NSY, NSY, NMLH, NMLH, NMLH, NMLH, WNT, WNT, WNT, WNT, JIJ, JIJ, TCU, TCU, TCU, TCU, PTBS, PTBS, CHNS, CHNS, PCYT, PCYT, WDJ, WDJ, WDJ, WDJ, TWGB, TWGB, TWGB, TWGB, TTN, TTN, TTN, TTN, TWG, TWG, TWG, TWG, WGH, WGH, WGH, WGH, WGT, WGT, WGT, WGT, STYT, STYT, STYT, STYT.

Table with columns: WDLH, Douliu, 1.76 261, eP, P, b, 13 13 27.0, 0.0. Lists various seismic stations like WDLH, TPUB, TPUB, JISG, JISG, WTP, WTP, CHN2, CHN2, RLNB, RLNB, CHY, CHY, SLGT, SLGT, CHN1, CHN1, CHN1, CHN1, SGST, SGST, TWK, TWK, TWK, TWK, ECL, ECL, ECL, ECL, WTCT, WTCT, WLG, WLG, WMLT, WMLT, WSF, WSF, WSF, WSF, LAY, LAY, LAY, LAY, CHN3, CHN3, CHN3, CHN3, MASBT, MASBT, MASBT, MASBT, TAW, TAW, TAW, TAW, EAST, EAST, JTJ, JTJ, TW1, TW1, SGLT, SGLT, SCLT, SCLT, SCLT, SCLT, TAI1, TAI1, SSPT, SSPT, SNJT, SNJT, SCZT, SCZT, SCZT, SCZT, WSSB, WSSB, KAU, KAU, WLC, WLC, TSEB, TSEB, TSEB, TSEB, HEN, HEN, TWKB, TWKB, TWKB, TWKB, TWK1, TWK1, TWK1, TWK1, JIRB, JIRB, WDG, WDG, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, PNG, JIKM, JIKM, JIKM, JIKM, JIMJ, JIMJ, JOGS, JOGS, JOGS, JOGS, PTTC, PTTC, VCHM, VCHM, VCHM, VCHM, VWUC, VWUC, MATB, MATB, PTMZ, PTMZ, LYJJ, LYJJ, BBP, BBP, XPSS, XPSS, QZH, QZH, QZH, QZH.

comp=N, 2um, 0.8s smax smax

17d 13h

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

2014 MAR

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

920

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

Table with columns: ULM, Lac du Bonnet, 98.68, 24, P, P, 13 26 31.8 -0.8. Includes stations like Lac du Bonnet, SYOWA Base, Lajitas Array, etc.

IDC 17 13:23:24.78.1, 2493S,13:14W, hOkm, mb4.1/4, mb1 4.2/4, mb1mx3.7/46, mbtmp4.1/4, MS4.1/2, Ms1 1.1/2, ms1mx3.6/26, Error ellipse: s-maj=196.4km s-min=36.8km az=56.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like TRISTAN DA CUN, ASCENSION HYDRI, etc.

IDC 17 13:24:48.5-0.3, 531:17S:32:23W, hOkm, mb5.2/33, mb1 5.2/34, mb1mx5.1/44, mbtmp5.1/34, ML4.7/1, MS5.2/15, Ms1 5.1/15, ms1mx4.9/21, Error ellipse: s-maj=12.1km s-min=9.3km az=38.0

NEIC 17 13:24:48.9-1.7, 53:17S:0:08-32:3W:0.1, h6km,2km, mb5.6/73, Ms_20 5.4/199, MwB5.8/16, MwC5.9/GCMT, Error ellipse: s-maj=11.7km s-min=8.7km az=152.0

MOS 17 13:24:48.9-1.3, 53:20S:32:34W, h1km, mbs, 7/15, MS5.2/4, Error ellipse: s-maj=15.5km s-min=9.7km az=103.6

NEIC 17 13:24:51.7, 53:16S:32:35W, h13km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.08; Mw:5.30; Ms:5.23; Mn:0.32; Mo:0.82; Mu:0.14; Fault plane solution: M0:340000*10^17, NP1:139.450000*, s86.390000*, lambda:1.020000*. NP2:49.390000*, s88.980000*, lambda:1.76390000*. Principal axes: T: 5.3860, Plg3.00000*, Azm4.00000*; N: -0.0901, Plg8.00000*, Azm21.00000*; P: -5.2959, Plg2.00000*, Azm94.00000*.

GCMT 17 13:24:53.9-0.1, 53:26S:0:11:32:21W:0:01, h25km, Mw5.8/154, Moment Tensor Solution. s135,c272; s154,c446; Duration: 20; Moment tensor: Scale 10^18 Nm; Mr:0.05; Ms:0.69; Mn:0.1; Mo:0.73; Mu:0.1; Mw:0.08; T: 1.01; Mw:0.04; Mi:0.04; Mi:0.01; Best double couple: M0:716000*10^18, NP1:314.00000*, s83.000000*, lambda:0.000000*. NP2:224.000000*, s87.000000*, lambda:1.73000000*. Principal axes: T: 0.6950, Plg7.00000*, Azm179.000000*; N: 0.0420, Plg8.00000*, Azm24.00000*; P: -0.7370, Plg3.00000*, Azm269.00000*; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.

Triangular moment-rate function NEIC 17 13:24:54.53:22S:32:23W, h25km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.62; Mw:6.95; Ms:7.57; Mn:1.30; Mo:0.28; Mu:0.67; Fault plane solution: M0:430000*10^17, NP1:323.000000*, s85.000000*, lambda:1.69000000*. NP2:314.000000*, s79.000000*, lambda:0.000000*. Principal axes: T: 7.2177, Plg11.00000*, Azm178.000000*; N: 0.4089, Plg78.000000*, Azm21.000000*; P: -7.6266, Plg5.00000*, Azm269.00000*.

ISC 17 13:24:49.0-0.2, 53:20S:0:05:32:45W:0.05, h10km, n454, i1944/355, mb5.5/72, MS5.4/129, 6C-8D, South Georgia Island region

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like HOPE Point, EFI East Falkland, PMSA Palmer Station, etc.

Main table with columns: SNA, Sanae, 22.60 156, P, P, 13 29 48.5 -1.8. Includes stations like Sanae, Punta Arenas, Curarehskaya, etc.

Table with columns: BOSA Boshof, 48.46 83, P, P, 13 33 30.9 -1.7. Includes stations like Scott Base, Vanda, Vanda, etc.

MCK	McKinley	146.59 314	PKP2	PKPbc	13 44 30.3 +0.1
MCK	McKinley	146.59 314		PKPbc	13 44 30.3 +0.1
XAN	Xi'an	146.65 109	PKPbc	PKPbc	13 44 30.8 -0.6
XAN			PKPab	sPKPab	13 44 35.9 +0.3
XAN			pPKP	pPKPab	13 44 41.3 +6.5
XAN			SS	SS	14 06 57.8 +3.9
XAN	comp-Z,210nm,11.3s		AMB	AMB	
XAN	comp-Z,210nm,20.1s		LR	LR	
XAN	comp-Z,300nm,21.1s		LR	LR	
XAN	comp-Z,360nm,20.1s		LR	LR	
XAN	Xi'an	146.65 109	PKP2	PKPbc	13 44 30.4 +0.7
XAN	Xi'an	146.65 109		PKPbc	13 44 30.4 +0.7
KDAX	Kodiak Island	146.75 302	PKPbc	PKPbc	13 44 30.3 -0.5
XAN	comp-Z,9.7nm,0.8s,baz=112,slow=1.6,SNR=12		PKP	PKP	
NEA	Nenana	146.82 315	PKPbc	PKPbc	13 44 29.4 +0.4
WHN	Wuhan	146.95 120	PKPbc	PKPbc	13 44 31.0 +0.8
WHN			PKPab	sPKPab	13 44 38.3 +1.5
WHN			PP	PP	13 47 59.3 +2.5
WHN	comp-Z,930nm,15.8s		LR	LR	
WHN	comp-Z,580nm,14.7s		LR	LR	
WHN	comp-Z,1um,15.7s		LR	LR	
TRF	Thorofare Moun	147.12 313	PKPbc	PKPbc	13 44 31.9 -0.1
TRF	Kantishna Hill	147.42 313	PKPbc	PKPbc	13 44 32.1 -0.6
TOLK	Tooli Lake Re	147.54 323	PKPbc	PKPbc	13 44 32.2 -0.6
BPAW	Beary Paw Mtn.	147.55 314	PKPbc	PKPbc	13 44 31.9 -1.0
MLY	Mansley	147.59 316	PKPbc	PKPbc	13 44 31.2 +0.9
MLY	comp-Z,767nm,22.0s		IAMS_20	IAMS_20	14 49 28.2
COLD	Coldfoot	147.65 320	PKPbc	PKPbc	13 44 33.0 -0.1
PPLA	Purkeypelle	147.86 312	PKPbc	PKPbc	13 44 33.4 -0.6
NRIK	Noril'sk	148.60 36	PKPbc	PKPbc	13 44 35.2 -0.3
NRIK	comp-Z,2.2nm,0.5s,baz=54,slow=4.2,SNR=7.1		PKP	PKP	
NRIK	comp-Z,1.4nm,0.5s,baz=54,slow=4.9,SNR=3.5		PKP	PKP	
IMAR	Indian Moutai	148.95 317	PKPbc	PKPbc	13 44 36.0 -0.5
NJ2	Nanjing	150.46 124	ePKPbc	ePKPbc	13 44 36.3 +0.4
BTO	Batou	151.78 101	ePKPbc	ePKPbc	13 44 42.9 -1.3
MOY	Mondy	151.96 74	ePKPbc	ePKPbc	13 44 44.0 -0.2
MOY	comp-Z,54nm,2.1s		pmax	pmax	
RDOG	Red Dog Mine	152.49 322	PKPbc	PKPbc	13 44 44.4 -0.4
RDOG	comp-Z,715nm,19.0s		IAMS_20	IAMS_20	14 59 02.1
ZAK	Zakamensk	152.80 78	ePKPbc	ePKPbc	13 44 44.6 -1.6
ZAK	comp-Z,12nm,1.0s		pmax	pmax	
HHC	Hu-ho-hao-te	152.84 102	ePKPbc	ePKPbc	13 44 37.3 -2.1
TLY	Talaya	153.50 75	PKPbc	PKPbc	13 44 45.9 -1.6
TLY	comp-Z,2.7nm,0.2s,baz=67,slow=20,SNR=3.0		PKP	PKP	
TLY	Talaya	153.50 75	IAMS_20	IAMS_20	14 50 01.7
SONM	Songjino Array	153.57 85	PKPbc	PKPbc	13 44 46.5 -1.5
SONM	comp-Z,3.7nm,0.5s,baz=224,slow=3.0,SNR=17		PKP	PKP	
JCJ	Chichijima	153.62 169	PKPab	PKPab	13 45 01.1 0.0
JCJ	comp-Z,70nm,0.7s,baz=284,slow=18,SNR=3.5		PKP	PKP	
ULN	Ulaanbaatar	153.97 85	PKP2	PKPab	13 45 01.7 -0.7
ULN	Ulaanbaatar	153.97 85	PKP2	PKPab	13 45 01.7 -0.7
JUN	Nakatsue	156.64 143	PKPab	PKPab	13 45 13.3 -0.6
JUN	comp-Z,6.8nm,0.7s,baz=320,slow=6.8,SNR=4.8		PKP	PKP	
GAMB	Gambell	156.65 313	IAMS_20	IAMS_20	14 50 29.3
INCN	Inchoy	158.60 129	IAMS_20	IAMS_20	14 52 40.9
INCN	comp-Z,706nm,20.0s		IAMS_20	IAMS_20	
RIBX	Tiksi	159.75 17	PKPab	PKPab	13 45 26.1 -0.2
RIBX	comp-Z,3.0nm,0.7s,baz=225,slow=0.7,SNR=11		PKP	PKP	
TIXI	Tiksi	159.75 17	IAMS_20	IAMS_20	15 01 01.4
TIXI	comp-Z,647nm,22.0s		IAMS_20	IAMS_20	
BOD	Bodaibo	160.58 63	ePKP2	PKPab	13 45 27.9 -2.5
BOD	comp-Z,28nm,1.8s		pmax	pmax	
MJAR	Matsushiro Arr	162.10 155	PKPab	PKPab	13 45 38.1 +0.6
MJAR	comp-Z,2.9nm,0.8s,baz=193,slow=6.0,SNR=6.4		PKP	PKP	
BILL	Biilbino	162.64 336	ePKPbc	ePKPbc	13 44 53.1 +2.6
BILL	comp-Z,12nm,1.6s		pmax	pmax	
BILL	Biilbino	162.64 336	pmax	pmax	
CN2	Changchun	162.66 114	ePKP	PKPbc	13 44 47.6 -3.6
CN2	comp-Z,200nm,6.0s		PP	PP	
CN2	comp-Z,300nm,17.0s		AMB	AMB	
CN2	comp-Z,500nm,17.0s		LR	LR	
CN2	comp-Z,500nm,20.0s		LR	LR	
SEY	Seymchan	169.91 347	PKPab	PKPab	13 46 12.5 +1.3
SEY	comp-Z,2.3nm,0.8s,baz=347,slow=6.4,SNR=4.9		PKP	PKP	
SEY	Seymchan	169.91 347	ePKPbc	ePKPbc	13 44 58.3 +2.0
YSS	Yuzh-Sakhalin	173.03 152	ePKP2	PKPab	13 46 26.1 +0.6
YSS	comp-Z,10.0nm,1.7s		pmax	pmax	
MA2	Magadan	173.36 346	PKPab	PKPab	13 46 27.0 +0.4
MA2	comp-Z,0.9nm,0.3s,baz=71,slow=5.6,SNR=4.5		PKP	PKP	
MA2	Magadan	173.36 346	PKP2	PKPab	13 46 27.0 +0.4

FMP	Fort Macarthur	0.44 160	P	Pg	13 25 45.3 -0.9
FMP	comp-Z,339,SNR=181		S	Sg	13 25 51.0 -1.1
FMP	comp-Z,339		S	Sg	13 25 45.6 -0.7
BLG	Balgonia Canyon	0.45 294	Pg	Pg	13 25 45.4 -1.8
BLG	Laguna Peak, P	0.49 268	Pg	Pg	13 25 51.8 -1.9
BLG	Laguna Peak, P	0.49 268	P	Pg	13 25 45.3 -1.8
BLG	comp-Z,87,SNR=1000		S	Sg	13 25 51.8 -1.9
BLG	comp-Z,87		S	Sg	13 25 45.6 -0.7
BYR	Pyram	0.49 334	Pg	Pg	13 25 47.0 -0.6
BREC	Barre Substati	0.52 127	Pg	Pg	13 25 47.7 -0.1
FULC	Fullerton	0.52 119	Pg	Pg	13 25 47.7 -0.1
XFO	Leona Valley	0.53 16	Pg	Pg	13 25 53.6 -1.3
LEOC	Leona Valley	0.53 16	Sg	Sg	13 25 47.0 -0.9
OSI	Osito Audit: C	0.53 337	Pg	Pg	13 25 55.0 -0.1
OSI	Osito Audit: C	0.53 337	Pg	Pg	13 25 47.0 -0.9
OSI	Osito Audit: C	0.53 337	P	Sg	13 25 54.6 -0.5
OSI	comp-Z,158,SNR=1000		S	Sg	13 25 47.0 -1.2
LRRC	Litterlock Res	0.55 43	Pg	Pg	13 25 47.0 -1.2
PSRC	Puddingstone R	0.56 93	Pg	Pg	13 25 47.2 -1.2
PSRC	comp-Z,17.4		Pg	Pg	13 25 55.7 -0.7
BTPC	Burnt Peak	0.56 352	Pg	Pg	13 25 47.4 -1.1
ALPC	Alp	0.58 14	Pg	Pg	13 25 47.5 -1.4
ALPC	Alp	0.58 14	Sg	Sg	13 25 55.6 -1.0
ALPC	Alp	0.58 14	Sg	Sg	13 25 48.6 -0.9
STCC	Santa Clara	0.62 287	Pg	Pg	13 25 47.9 +0.2
STCC	comp-Z,10.5		Pg	Pg	13 25 48.4 -1.4
HOLC	Holcomb Ridge	0.62 57	Pg	Pg	13 25 49.3 -0.7
SANC	Santa Ana	0.64 130	Pg	Pg	13 25 48.8 -1.4
FOX	Fox Airport	0.65 18	Pg	Pg	13 25 48.8 -1.4
SSK	Sunset Peak	0.65 82	Pg	Pg	13 25 49.4 -1.3
CHNC	Chino	0.67 100	Pg	Pg	13 25 49.3 -1.8
BFSO	Mount Baldy Ra	0.69 80	Pg	Pg	13 25 49.3 -1.8
BFSO	Mount Baldy Ra	0.69 80	P	Pb	13 25 49.3 -1.8
BFSO	comp-Z,262,SNR=1000		S	Sg	13 25 58.5 -1.5
BFSO	comp-Z,262		S	Sg	13 25 58.5 -1.5
CIAC	Catalina I. Ai	0.72 176	Pb	Pb	13 25 50.5 -1.1
CIAC	Catalina I. Ai	0.72 176	Sb	Sb	13 26 00.6 -0.8
CIS	Catalina Islan	0.72 176	P	Pb	13 25 50.3 -1.4
CIS	comp-Z,355,SNR=1000		Sb	Sb	13 26 00.9 -0.4
CIS	comp-Z,355		Sb	Sb	13 25 50.7 -1.7
MLSC	Mira Loma	0.77 99	Pb	Pb	13 25 50.7 -1.7
MLSC	comp-Z,10.5		Pb	Pb	13 25 50.9 -1.7
SBB	Saddle Back Bu	0.78 43	Pb	Pb	13 25 50.8 -1.8
SBI	Santa Barbara	0.79 216	Pb	Pb	13 25 51.8 -1.0
SBI	Santa Barbara	0.80 349	Pb	Pb	13 25 51.5 -1.6
THC	Tehachapi Micr	0.80 108	Pb	Pb	13 25 51.5 -1.6
CRNC	Cerro	0.81 84	Pb	Pb	13 25 51.6 -1.6
SS	San Seavine	0.81 84	Pb	Pb	13 25 52.1 -1.8
EDW2	Edwards Air Fo	0.85 28	P	Pb	13 25 52.1 -1.8
EDW2	Edwards Air Fo	0.85 28	P	Pb	13 25 52.1 -1.8
EDW2	comp-Z,209,SNR=1000		S	Sb	13 26 03.7 -1.6
EDW2	comp-Z,209		S	Sb	13 26 03.7 -1.6
FON	Fontana	0.86 91	Pb	Pb	13 26 04.2 -1.6
FON	Fontana	0.86 91	Pb	Pb	13 25 52.4 -1.0
MPI	Mount Pinos, F	0.88 321	Pb	Pb	13 25 52.7 -1.9
RYR	Riverside Peak	0.89 306	Pb	Pb	13 25 54.9 -1.5
RVR	Riverside	0.92 98	Pb	Pb	13 25 53.2 -1.9
RVR	Riverside	0.92 98	Sb	Sb	13 26 06.1 -1.1
RVR	Riverside	0.92 98	Sb	Sb	13 25 53.6 -1.6
CSP	Cedar Springs	0.94 79	Pb	Pb	13 25 53.9 -1.6
ABL	Mount Abel	0.95 320	Pb	Pb	13 25 53.7 -2.1
ADO	Adelphi Recei	0.96 63	Pb	Pb	13 25 54.1 -1.2
CLTC	Calteic	0.96 92	Pb	Pb	13 25 54.3 -1.4
RIBX	Riverside Bore	0.96 99	Pb	Pb	13 25 54.0 -1.8
RIBX	Riverside Bore	0.96 99	Sb	Sb	13 26 07.1 -1.3
RSBC	Riverside Bore	0.96 99	Pb	Pb	13 25 54.0 -1.8
RSBC	Riverside Bore	0.96 99	Sb	Sb	13 26 07.1 -1.3
SCZ2	Santa Cruz Isl	0.97 263	Pb	Pb	13 25 53.6 -2.3
SCZ2	Santa Cruz Isl	0.97 263	P	Pb	13 25 53.4 -2.5
SCZ2	comp-Z,81,SNR=164		S	Sb	13 26 06.8 -1.7
SCZ2	comp-Z,81		S	Sb	13 26 06.8 -1.7
SME	Santa Rosa Min	0.98 108	Pb	Pb	13 25 54.4 -1.7
CFSC	Central Fire S	0.99 101	Pb	Pb	13 25 54.5 -1.7
HLNC	Highland	1.04 90	Pb	Pb	13 25 55.8 -1.3
ARVC	Arvin	1.04 344	Pb	Pb	13 25 55.6 -1.5
ARVC	Arvin	1.04 344	P	Pb	13 25 55.6 -1.5
ARVC	comp-Z,164,SNR=1000		S	Sb	13 26 10.2 -0.4
ARVC	comp-Z,164		S	Sb	13 26 10.2 -0.4
HYS	Haystack Butte	1.05 45	Pb	Pb	13 25 55.8 -1.6
SBC	Santa Barbara	1.07 288	Pb	Pb	13 25 56.0 -1.6
SBC	Santa Barbara	1.07 288	P	Pb	13 26 10.6 -0.9
SBC	comp-Z,106,SNR=237		S	Sb	13 26 10.6 -0.9
SBC	comp-Z,106		S	Sb	13 26 10.6 -0.9
PEC	Perris	1.12 102	Pn	Pn	13 25 56.7 -1.8
PEC	Perris	1.12 102	Sb	Sb	13 26 11.3 -1.5
TEJ	El Tejon	1.12 351	Pn	Pn	13 25 56.8 -1.7
BCW	Bitter Crk WRG	1.12 317	Pn	Pn	13 25 56.9 -1.7
CFT	Crafton Hills	1.14 94	Pn	Pn	13 25 57.3 -1.5
CFT	Crafton Hills	1.14 94	Pb	Pb	13 25 57.1 -1.2
SC12	San Clemente I	1.14 183	Pn	Pn	13 25 57.0 -1.8
SC12	San Clemente I	1.14 183	P	Pn	13 25 57.0 -1.8
SC12	comp-Z,2.5,SNR=279		S	Sb	13 26 13.4 0.0
SC12	comp-Z,2.5		S	Sb	13 26 13.4 0.0
SVD	Seven Oaks Dam	1.14 90	Pn	Pn	13 25 57.3 -1.6
MURC	Murrieta	1.19 116	Pn	Pn	13 25 57.8 -1.0
MURC	Murrieta	1.19 116	P	Pn	13 25 57.8 -1.0
MURC	comp-Z,297,SNR=1000		S	Sb	13 26 13.7 -1.0
MURC	comp-Z,297		S	Sb	13 26 13.7 -1.0
BTL	Butler Peak	1.23 83	Pn	Pn	13 25 59.1 -1.1
SNCC	San Nicolas Is	1.24 225	Pn	Pn	13 25 58.0 -2.1
SNCC	San Nicolas Is	1.24 225	P	Pn	13 25 58.1 -2.1
SNCC	comp-Z,44,SNR=93		S	Sb	13 26 14.7 -1.4
SNCC	comp-Z,44		S	Sb	13 26 14.7 -1.4
DTP	Desert Tortois	1.25 24	Pn	Pn	13 25 59.4 -1.1
BBSC	Beaumont Base	1.26 99	Pn	Pn	13 25 59.4 -1.1
MAOC	McCaughey P	1.29 344	Pn	Pn	13 26 00.9 -0.9
BBRC	Big Bear Solar	1.30 83	Pn	Pn	13 26 00.3 -0.9
BBRC	Big Bear Solar	1.30 83	P	Pn	13 26 00.3 -0.9
BBRC	comp-Z,265,SNR=1000		S	Sb	13 26 17.9 -0.2
BBRC	comp-Z,265		S	Sb	13 26 17.9 -0.2
BACC	Bachelor Mtn.	1.30 113	Pn	Pn	13 25 59.1 -1.9
BAKC	Calstate	1.32 337	Pn	Pn	13 26 00.3 -1.0
PKM	Mcperson Peak	1.34 305	Pn	Pn	13 26 00.4 -1.4
PKM	comp-Z,124,SNR=1000		S	Sn	13 26 19.

17d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like X18A, ELK, W18A, etc.

2014 MAR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like APG, SADO, BCAR, etc.

926

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PB08, PB02, etc.

17d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Urumqi, Yakutsk, Makanchi Array, Kashi, Zalesovo Array, Zalesovo Beam, Zalesovo Beam, Kabul, Kurchatov, and Akbulak array.

TAP 17 15:19:56.3, 24.88N; 122.19E, h7km, ML2.7, C
JMA 17 15:19:56.7, 0.1, 24.79N; 122.22E, h2km, ML2.5
ISC 17 15:19:56.6, 1.0, 24.84N; 0.02, 122.22E, h8km, gkm, n65, r052/121, Taiwan region

Main table for 17d 15h section, listing station codes (TWB1, EOS1, NTC, etc.) and their corresponding data points.

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WWHF, TWT, NSTT, TDCB, CHGB, ESL, WHP, OWD, NMLH, NLFH, TWQ1, DPDB, VVWD, VVDT, IRIF, HGSD, SMLT, SMLT, TYC, TYC, SSSL, SSSL, EHY, EHY, YULB, YULB, WHYT, WJS, WJS, WNT, WNT, TW1, TW1, YUS, CHN5, CHN5, ELDTW, ELDTW, CHN4, CHN4, TPUB, TPUB.

ATH 17 15:33:45.8, 37.58N; 20.35E, h20km, 1km, ML3.3/5, Error ellipse: s-maj=3.2km s-min=1.0km az=57.0
THE 17 15:33:46.8, 37.61N; 20.35E, h14km, ML3.3/4, Error ellipse: s-maj=1.3km s-min=0.6km az=66.0
ISC 17 15:33:45.3, 1.5, 37.58N; 0.05, 20.26E; 0.05, h18km, 4km, n49, r123/66, Ionian Sea

Main table for 2014 MAR section, listing station codes (KRI1, ZAK2, CHV1, etc.) and their corresponding data points.

928

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EVGI, AMT, AMT, AMT, AMT, AMT, DRO, DRO, DRO, PDO, PVL, ITM, PVO, PRKA, EFP, KLV, TRIZ, SERG, ANX, KALE, EVR, DYA, MAKR, LTK, DID, OHR, STIP, ZIRJ, ZIRJ, KJIV, KJIV, MORI, MORI, DUGI, DUGI.

IDC 17 15:35:47.9, 3.4, 1.89N; 128.52E, h132km, 35km, mb3.2/5, mb1 3.3/6, mb1mx3.1/31, mbtmp3.6/6, Error ellipse: s-maj=48.9km s-min=20.2km az=74.0
DJA 17 15:35:47.2, 0.6, 2.1N; 9.12E, h128km, 16km, M3.4/7, MLV3.4/7
ISC 17 15:35:47.7, 0.9, 1.76N; 109.128, 26E; 0.08, h134km, n9, r132/12, mb3.3/5, Halmahera

Main table for 928 section, listing station codes (TNTI, LBMI, SWI, SJIJ, SJIJ, WRA, ASAR, SONM, MKAR, ILAR) and their corresponding data points.

TEH 17 15:43:34.3, 36.34N; 51.34E, h10km, ML2.8, Northern and central Iran

Main table for TEH section, listing station codes (QALM, QALM, QALM, IPRN, IMHD, IHSB, IHSB, IGZV, IGZV, IALA, IALA, IVRN) and their corresponding data points.

CNRM 17 15:58:37.9, 1.0, 36.50N; 7.18W, h9km, 7km, Error ellipse: s-maj=5.3km s-min=4.1km az=78.0
INMG 17 15:58:42.5, 1.7, 36.61N; 7.54W, h17km, 4km, ML1.8, Error ellipse: s-maj=5.3km s-min=3.8km az=6.0
IGL 17 15:58:42.3, 36.58N; 7.53W, h20km, ML1.7
MDD 17 15:58:42.6, 1.1, 36.57N; 7.53W, h34km, 2km, mbLg2.7/1
Error ellipse: s-maj=10.3km s-min=6.4km az=1.0, PFXIMO
ISC 17 15:58:39.7, 1.3, 36.56N; 0.03, 7.33W; 0.03, h25km, 13km, n47, r135/75, 3D, Strait of Gibraltar

Main table for CNRM section, listing station codes (PBVD, PBVD, PBVD, PVAQ, PVAQ, PVAQ, PVAQ, PVAQ, EGRO, EGRO, PCVE, PCVE, PCVE, MORF, MORF, MORF, MORF, EMIN, PFVI, PFVI, PFVI, PFVI, MESJ, MESJ, MESJ, MESJ, PTEO) and their corresponding data points.

Table with columns: PTEO, comp=N, 4.4nm, 0.3s, Sao Teotonio, 1.49 312 eP, Pn, Sn, 15 59 21.3 -2.2, etc.

VIE 17 16:09:47.9-0.2, 48.21N:15.46E, h5km, 2km, mb1.77, mI2.5/10, Error ellipse: s-maj=1.7km s-min=1.6km az=149.0 10 km ESE of Melk a.d. Donau felt 4 ems98 at Loosdorf / Lower Austria

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

Table with columns: OSTC, comp=Z, 1.6nm, 0.5s, Ostrava-Krasne, 2.43 46 eSN, Sn, 16 10 05.7 -0.6, etc.

IDC 17 16:14:00.5:3.4.21.15S:70.24W, h0km, mb4.0/1, mb1 3.8/2, mb1mx3.5/23, mbtmp3.8/2, ML3.4/1, Error ellipse: s-maj=12.7km s-min=4.1km az=103.0

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

IDC 17 16:17:55.0:5.4.15.15S:172.94W, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/33, mbtmp3.6/4, Error ellipse: s-maj=252.9km s-min=22.9km az=140.0, Samoa Islands region

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

SJA 17 16:29:47.7±1.4, 20.16S:70.88W, h26km, 5km, ML3.3, MW3.5

GUC 17 16:29:50.2:0.6.20.15S:70.82W, h46km, 3km, ML3.0, ISC 17 16:29:48.1:1.9.20.17S:0.03:70.90W, h0.09, h11km, 10km, n27, c0580/36, 7C-5D, Near coast of northern Chile

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

Table with columns: GO01, comp=Z, 2.13nm, 0.5s, Chusmiza, 1.68 73i eP, Pn, 16 30 17.9 0.0, etc.

KRNET 17 16:34:54.3:0.1, 40.67N:78.42E, h11km, mb4.5, BUJ 17 16:34:54.2:0.0, 40.67N:78.41E, h7km, mb4.5/23, mb4.3/31, ML4.3/9, Ms3.9/18, Ms7.3/7/16

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

SATY 17 16:34:56.2:1.1, 40.74N:0.03:78.45E, 0.02, h12km, 7km, n22.0, c1566/260, mb4.2/31, MS3.6/2, PKC-22D, Southern Xinjiang

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

17d 16h

KPKS	640nm,0.4s	eS	Sb	16 36 20.8 +2.2
KPKS	31um,0.5s	eS	Sb	16 35 45.3 +0.3
KPKS	Kokpek	2.73 4 ePN	Pb	16 36 20.9 +2.2
KPKS	Kuram	2.75 356 eP	Pb	16 35 46.7 +1.2
KURS	326nm,0.6s	eS	Sg	16 36 23.1 -1.5
KURS	1um,0.7s	eS	Sg	16 35 42.2 +1.6
KZA	Kyzart	2.75 300 i/P	Pn	16 35 42.2 +1.6
KZA	baz=1.0	i/S	Sb	16 36 17.2 -2.4
KZA	Kyzart	2.75 300 P	Pn	16 35 42.5 +1.9
KZA	SNR=54	eP	Pb	16 35 46.6 -0.1
MTBS	Maitube	2.82 328 P	Pb	16 36 23.1 +1.8
MTBS	120nm,0.3s	eS	Sb	16 35 46.7 +0.1
MTBS	521nm,0.5s	eS	Sg	16 36 24.2
MTBS	Maitube	2.82 328 Pg	Pb	16 35 46.6 -0.1
MTBS	125nm,0.3s	eS	Sb	16 36 23.1 +1.8
MTBS	520nm,0.5s	Lg	Lg	16 36 23.1 +1.8
MTBS	Maitube	2.82 328 ePN	Sb	16 35 48.8 -0.2
MTBS	120nm,0.3s	eS	Pb	16 36 26.7 +1.5
KST	Kastek	2.96 322 eP	Pb	16 35 48.7 -0.2
KST	262nm,0.6s	eS	Sb	16 36 27.9
KST	670nm,0.6s	eS	Sb	16 35 51.4 +0.9
KST	Kastek	2.96 322 Pg	Pb	16 36 31.2 +3.4
KST	367nm,0.6s	eS	Sb	16 35 54.6 +1.5
KST	655nm,0.8s	Lg	Lg	16 36 36.5 -2.5
KTMS	3.2nm,0.1s	eS	Sb	16 35 53.5 +0.4
DGS	Degeres	3.20 322 eP	Pb	16 36 36.6
DGS	69nm,0.5s	eS	Sg	16 35 55.7 +1.8
DGS	829nm,0.7s	eS	Sg	16 36 38.4 -2.2
DGS	Degeres	3.20 322 Pg	Pb	16 35 54.4 +0.5
DGS	829nm,0.7s	Lg	Lg	16 36 37.8
DGS	Degeres	3.20 322 eP	Pb	16 35 49.3 +2.1
DGS	107nm,0.6s	Lg	Lg	16 36 28.9 +3.0
KTBS	827nm,0.6s	eP	Pb	16 35 49.8 +2.5
KTBS	Karatobe	3.25 337 eP	Pb	16 35 56.6 +1.9
KTBS	108nm,0.6s	eS	Sg	16 36 40.0 -2.0
KTBS	782nm,0.8s	eS	Sg	16 36 40.0 -2.0
KTBS	Karatobe	3.25 337 Pg	Pg	16 35 55.2 +0.6
KTBS	180nm,0.5s	Lg	Lg	16 36 39.6
KBK	1um,0.6s	i/S	Pn	16 35 56.6 +1.9
KBK	Karagaybulak	3.25 307 i/P	Pn	16 36 20.0 -2.0
KBK	baz=8.0	i/S	Sn	16 35 49.1 +1.1
KBK	Karagaybulak	3.25 307 P	Pn	16 36 28.9 +1.6
KBK	SNR=30	eP	Pb	16 35 50.1 +1.7
CHKK	Chushlyak	3.29 341 eP	Pb	16 35 50.0 +1.7
CHKK	169nm,0.4s	eS	Sg	16 35 50.0 +1.7
CHKK	2um,0.8s	Lg	Lg	16 35 50.0 +1.7
CHKK	Chushlyak	3.29 341 ePN	Pn	16 35 53.9 +1.1
CHKK	2um,0.8s	eS	Sg	16 36 44.8 +4.1
CHKK	Chushlyak	3.29 341 eP	Pb	16 35 59.4 +1.2
CHKK	2um,0.8s	eS	Sg	16 36 45.7
ARLS	baz=93	i/S	Sn	16 35 53.6 +2.7
ARLS	Uchtor	3.31 298 i/P	Pn	16 35 59.3 +0.8
ARLS	baz=99	i/S	Sn	16 36 43.6
UCH	Uchtor	3.31 298 i/P	Pn	16 35 53.0 +2.1
UCH	baz=99	i/S	Sn	16 36 35.2 +2.6
UCH	Uchtor	3.31 298 P	Pn	16 35 55.7 -2.8
UCH	SNR=11	eP	Pb	16 35 58.9 +0.4
ARXS	Arharly	3.50 353 eP	Pb	16 36 43.9
ARXS	231nm,0.5s	eS	Sb	16 36 43.9 +2.6
ARXS	948nm,0.6s	eS	Sb	16 35 53.5 +2.6
ARXS	Arharly	3.50 353 Pg	Pb	16 35 55.2 +2.6
ARXS	230nm,0.5s	Lg	Lg	16 35 59.3 +1.1
ARXS	948nm,0.6s	Lg	Lg	16 36 44.8 +4.1
AAK	Ala-Archa	3.52 304 P	Pn	16 35 59.4 +1.2
AAK	2.1nm,0.3s,baz=98,slow=8.0,SNR=42	eP	Pb	16 36 45.7
AAK	Ala-Archa	3.52 304 i/P	Pn	16 35 53.6 +2.7
AAK	21nm,0.3s,baz=127,slow=15,SNR=75	Lg	Lg	16 35 53.6 +2.7
AAK	Ala-Archa	3.52 304 eP	Pb	16 35 59.3 +0.8
AAK	19nm,0.3s,baz=262,slow=14,SNR=20	Lg	Lg	16 36 43.6
AAK	Ala-Archa	3.52 304 i/P	Pn	16 35 53.0 +2.1
AAK	baz=5.0	i/S	Sn	16 35 53.0 +2.1
AAK	Ala-Archa	3.52 304 P	Pn	16 36 35.2 +2.6
AAK	SNR=28	eP	Pb	16 35 55.7 -2.8
AAK	Ala-Archa	3.52 304 i/P	Pn	16 35 58.9 +0.4
AAK	168nm,1.2s	Lg	Lg	16 36 43.9
AAK	604nm,1.0s	Lg	Lg	16 36 43.9
AAK	Ala-Archa	3.52 304 P	Pn	16 36 43.9
AAK	Kury	3.52 334 eP	Pb	16 35 53.5 +2.6
AAK	53nm,0.6s	eS	Sb	16 35 59.2 +0.7
KUU	1um,0.8s	eS	Sb	16 36 44.6 +3.5
KUU	Kury	3.52 334 Pg	Pg	16 35 58.7 +0.3
KUU	70nm,0.6s	Lg	Lg	16 36 44.9
KUU	1um,0.8s	eP	Pb	16 35 59.2 +0.7
KUU	Kury	3.52 334 ePN	Pn	16 36 44.9
KUU	70nm,0.6s	eS	Sb	16 35 53.3 +2.3
FRU1	Bishkek	3.53 307 i/P	Pn	16 35 53.3 +2.3
FRU1	baz=8.0	i/S	Sn	16 36 35.7 +3.0
FRU1	Bishkek	3.53 307 P	Pn	16 36 35.7 +3.0
FRU1	SNR=15	eP	Pb	16 35 53.8 +2.8
FRU1	Bishkek	3.53 307 ePN	Pn	16 35 53.8 +2.8
FRU1	SNR=15	eP	Pb	16 35 53.8 +2.8
CHMS	Chumysh	3.57 310 i/P	Pn	16 35 53.8 +2.8
CHMS	baz=11	i/S	Sn	16 35 53.8 +2.3
CHMS	Chumysh	3.57 310 P	Pn	16 36 36.8 +3.2
CHMS	SNR=22	eP	Pb	16 36 36.8 +3.2
CHMS	Chumysh	3.57 310 i/P	Pn	16 35 54.0 +2.5
CHMS	82nm,0.8s	Lg	Lg	16 35 59.3 0.0
CHMS	Chumysh	3.57 310 Pg	Pg	16 36 46.5
DJR	864nm,1.0s	eP	Pb	16 36 46.5
DJR	Jarkent	3.72 15 eP	Pb	16 36 04.3 +2.3
DJR	23nm,0.4s	eS	Sg	16 36 53.1 -2.6
DJR	547nm,0.9s	eS	Sg	16 36 53.1 -2.6
DJR	Jarkent	3.72 15 Pg	Pb	16 36 03.0 +1.0
DJR	35nm,0.4s	Lg	Lg	16 36 52.4
DJR	524nm,0.5s	Lg	Lg	16 36 52.4
AML	Almayashu	3.84 293 i/P	Pn	16 35 57.2 +1.7
AML	baz=94	i/S	Sn	16 36 42.4 +1.6
AML	Almayashu	3.84 293 P	Pn	16 35 58.3 +2.8
AML	SNR=9.5	eP	Pb	16 35 58.3 +2.8
USP	Ospenovka	3.88 312 i/P	Pn	16 35 58.3 +2.8
USP	baz=13	i/S	Sn	16 36 44.3 +3.0
USP	Ospenovka	3.88 312 P	Pb	16 36 05.2 +0.5
USP	SNR=41	eP	Pb	16 36 05.2 +0.5
SGDS	Sogindy	3.93 315 Pg	Pb	16 36 06.3 +0.9
SGDS	53nm,0.5s	Lg	Lg	16 36 58.1
SGDS	198nm,0.6s	Lg	Lg	16 36 58.1
EKS2	Erkin-Say	3.99 300 i/P	Pn	16 35 59.5 +2.1
EKS2	baz=1.0	i/S	Sn	16 36 46.3 +2.1
EKS2	Erkin-Say	3.99 300 P	Pn	16 36 00.0 +2.6
EKS2	SNR=15	eP	Pb	16 36 01.2 +1.2
ARSB	Arslanbob	4.18 280 i/P	Pn	16 36 49.4 +0.6
ARSB	baz=81	i/S	Sn	16 36 49.4 +0.6
ARSB	Arslanbob	4.18 280 P	Pn	16 36 02.0 +2.1
ARSB	SNR=15	eP	Pb	16 36 02.0 +2.1
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 eP	Pb	16 36 13.8 +2.7
ARSB	baz=81	i/S	Sn	16 36 13.8 +2.7
ARSB	Arslanbob	4.18 280 P	Pn	16 36 13.8 +2.7
ARSB	SNR=15	eP	Pb	16 36 13.8 +2.7
ARSB	Arslanbob			

17d 17h

ISC 17 17:40:52.3, 1.2, 39.18N, 0.02, 22.31E, 0.02, h103km, 5km, n179, s1862/245, 10C-4D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Agios Georgios, Larissa Observ, etc.

2014 MAR

Table with columns: TSLK, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Tsoukalades, Lefkada island, etc.

932

ISC 17 17:46:15.0, 1.5, 31.20S, 0.04, 68.38W, 0.05, h100km, 8km, n22, c085/32, 1C-D, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Cerro Villicu, Mognna, Zonda, etc.

IDC 17 17:46:59.4, 2.4, 3.97N, 126.51E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.1/56, mbmt3.2/3, MS3.1/1, Ms1.3.1/1, ms1-maj=2.0.7km, s-min=26.7km az=66.0, Talaud Islands

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

IDC 17 17:53:01.0, 0.8, 20.02S, 70.81W, h0km, mb4.2/5, Mb1.4/4.7, mb1mx4.0/36, mbmt4.3/7, ML4.1/2, MS3.2/6, Ms1.3.2/6, ms1mx3.0/26, Error ellipse: s-maj=28.3km

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

IDC 17 17:53:01.8, 1.9, 20.07S, 0.02, 70.86W, 0.05, h7km, 12km, n73, c089/84, mb4.3/4, MS3.5/3, 7C-14D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Punta Patache, IPOC Station P, etc.

SJA 17 17:46:13.7, 0.8, 31.21S, 68.38W, h103km, 2km, ML3.4, MW3.3 GUC 17 17:46:15.2, 0.5, 31.25S, 69.21W, h205km, 11km, ML3.6

Table with columns: PB09, IPOC Station P, 2.29 139, i P, IAML, Pb, 17 53 42.2 -1.3, 17 54 19.6, PATCX, PATCX, eS, IAML, Sn, 18 02 22.5 -0.9, 18 02 29.8, GRPR, Tuman, 4.36 244, eP, Pn, 18 19 45.7 +1.1, 18 19 47.0

Table with columns: PB11, IPOC Station P, 1.23 80, i P, S, Pn, 18 02 09.9 +1.1, 18 02 25.5 -0.8, GRPR, Tuman, 4.36 244, ePN, Pn, 18 19 45.7 +1.1, 18 19 48.3 -0.3

Table with columns: GRPR, Tuman, 4.36 244, eP, Pn, 18 19 45.7 +1.1, 18 19 47.0, GRPR, Tuman, 4.36 244, ePN, Pn, 18 19 45.7 +1.1, 18 19 48.3 -0.3

IDC 17 18:57:47.4, 2.8, 0.32S, 122.92E, h92km, 28km, mb2.8/4, mb1.3/1.6, mb1mx2.9/4.3, mb2mx3.7/4, ML3.4/1, MS2.0/1, MS1.2/1, ms1mx2.0/3.0, Error ellipse: s-maj=23.3km s-min=20.7km az=95.0

MOS 17 18:38.0, 1.1, 46.22N, 151.24E, h136km, mb3.9/9, Error ellipse: s-maj=9.7km s-min=8.1km az=53.8

USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.7 -2.7, USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.5 -1.9, 18 21 49.5 -1.4

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res, LUWI, Luwik, 0.79 196, P, Pn, 17 58 02.4 -0.4, MRSI, Marusik, 1.29 305, P, Pn, 17 58 07.9 -0.9

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res, KUR, Kuril'sk, 2.48 253, i P, Pn, 18 19 20.4 -0.1, KUR, 90nm, 0.6s, A, A, 18 19 27.0

Table with columns: USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.7 -2.7, USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.5 -1.9, 18 21 49.5 -1.4

IDC 17 18:01:45.9, 1.3, 19.80S, 170.56W, h0km, mb3.6/3, mb1.3/9.4, mb1mx3.6/28, mb2mx3.7/4, ML3.4/1, MS2.0/1, MS1.2/1, ms1mx2.0/3.0, Error ellipse: s-maj=53.2km s-min=16.0km az=93.0

IDC 17 18:01:46.0, 1.6, 19.38S, 170.51W, 0.1, h10km, 1km, mb4.0/1, Error ellipse: s-maj=18.6km s-min=7.0km az=286.0

USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.7 -2.7, USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.5 -1.9, 18 21 49.5 -1.4

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res, PSGC, Pisagua, 0.86 64, i P, Pn, 18 02 03.8 -0.3, PSGC, Punta Patache, 1.12 138, i P, Pn, 18 02 08.1 +0.5

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res, YUK, Yuzh-Kuril'sk, 4.29 244, eP, Pn, 18 19 44.0 +0.4, YUK, 450nm, 0.6s, A, A, 18 19 53.0

Table with columns: USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.7 -2.7, USKR, Ussuriysk Ar, 13.71 269, P, P, 18 21 48.5 -1.9, 18 21 49.5 -1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK, MK31, MAKZ, YKA, AAK, etc.

17d 18:25:12.8... 10.105:127.08E, h0km, mb3.1/3

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

17d 18:28:24.9... 20.33S:70.42W, h0km, mb3.7/2

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

17d 18:28:26.0... 19.995S:03:70.86W, h0.07, h12km, n19, s19:06/33, 3C-7D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC, TA01, PATCX, PB11, PB12, etc.

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

JMA 17 18:41:51.2... 37.40N:144.35E, h43km, M3.6, Off east coast of Honshu

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

17d 19:05:26.3... 19.94S:70.60W, h0km, mb4.8/21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC, NEIC, SJA.

17d 19:05:28.7... 19.88S:70.55W, h10km, mb5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUI, MOS, GUC.

17d 19:05:30.3... 20.03S:70.79W, h27km, mb2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC, NEM2, SJA.

17d 19:05:30.8... 19.97S:02:71.03W, h0.02, h15km

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

17d 19:05:27.5... 2.10:20.04S:02:70.77W, h0.04, h12km, n7km, n839, s19:13/838, mb5.3/145, MS4.4/26, 16C-14D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC, TA01, PATCX, PB11, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AP01, PB07, PB16, etc.

UREC	San Jos de Ur	28.01 350	eP	P	19 11 18.5	0.0
BSFV	Barra de Sao F	28.23 93	eP	P	19 11 21.0	+0.5
SDV	Santo Domingo	28.74 0	P	P	19 11 24.8	-0.5
SDV	comp=Z,23nm,1.0s,baz=215,slow=8.3,SNR=10.0					
SDV	Santo Domingo	28.74 0	P	P	19 11 24.7	-0.6
SDV	Santo Domingo	28.74 0	P	P	19 11 23.8	-1.4
SDV	Santo Domingo	28.74 0	eP	P	19 11 24.4	-0.9
SMLC	San Martin de	28.84 353	eP	P	19 11 24.1	-1.8
SJCC	San Jacinto, C	30.06 351	eP	P	19 11 36.4	+0.4
NBIT	Itapeh - BA	30.29 85	eP	P	19 11 38.1	-0.7
NBPN	Ponto Novo - B	30.80 77	eP	P	19 11 42.4	-1.0
NBPS	Pedro II - PI	32.51 65	eP	P	19 11 56.0	-2.5
NBLA	Magart - SE	32.97 79	eP	P	19 12 01.5	-1.0
JWS	Las Juntas de	32.22 334	eP	P	19 12 07.7	+3.2
JTS	comp=Z,4nm,1.4s					
NBTA	Tacaratu-PE	33.40 76	eP	P	19 12 05.9	-0.2
NBMA	Muriti-CE	33.47 72	eP	P	19 12 05.9	-0.9
NBPP	Pedra Branca-C	33.56 69	eP	P	19 12 07.6	0.0
NBMO	Morinhos-CE	34.27 65	eP	P	19 12 13.4	-0.4
USHA	Ushuaia	34.78 178	eP	P	19 12 18.0	+0.3
comp=Z,2nm,0.6s,baz=5.5,slow=14,SNR=2.2						
NBAN	Anadia - AL	34.83 78	eP	P	19 12 18.1	-0.6
NBLI	Livramento-PB	35.10 74	eP	P	19 12 20.3	-0.8
NBLCL	Cascavel-CE	35.32 68	eP	P	19 12 22.2	-0.6
NBPA	Parau Rin	35.65 71	eP	P	19 12 24.1	-1.5
PDF	Fort de France	35.83 16	P	P	19 12 25.8	-1.3
PDF	comp=Z,75nm,0.6s					
FDF	Fort de France	35.83 16	P	P	19 12 25.8	-1.3
RCBR	Riachuelo	36.70 72	P	P	19 12 34.0	-0.7
comp=Z,35nm,0.6s,baz=239,SNR=9.1,SNR=29						
RCBR	Riachuelo	36.70 72	P	P	19 12 34.5	-0.2
RCBR	comp=Z,42nm,0.8s					
RCBR	Riachuelo	36.70 72	P	P	19 12 34.5	-0.2
RCBR	comp=Z,42nm,0.8s					
RCBR	Riachuelo	36.70 72	eP	P	19 12 34.7	0.0
NBVP	Pedro Velho	36.99 73	eP	P	19 12 36.8	-0.4
SJG	San Juan	38.18 7	P	P	19 12 45.6	-1.4
SJG	comp=Z,85nm,0.9s					
SJG	San Juan	38.18 7	P	P	19 12 45.6	-1.4
SJG	comp=Z,85nm,0.9s					
BANI	SAVI	38.19 1	P	P	19 12 46.3	-1.0
SMRT	St. Maarten	38.62 10	P	P	19 12 48.0	-2.6
SMRT	comp=Z,89nm,0.8s					
PMSA	Palmer Station	44.94 176	eP	P	19 13 45.2	+3.3
TIGA	Triton	52.64 346	eP	P	19 14 41.5	0.0
158A	Hollywood	53.24 350	P	P	19 14 47.4	+1.5
154A	Montrose	53.67 347	P	P	19 14 48.2	-0.8
Z58A	St. Stephen	53.77 351	P	P	19 14 51.3	+1.6
Z57A	Bowman	53.88 350	P	P	19 14 51.6	+1.1
Z56A	Williston	54.02 349	P	P	19 14 52.5	+0.9
Z52A	Waverly Hall	54.08 345	P	P	19 14 51.5	-0.6
Z52A	comp=Z,32nm,1.1s					
Y60A	Bolivia	54.21 352	P	P	19 14 53.8	+0.9
Y60A	Bolivia	54.21 352	P	P	19 14 54.5	+1.5
Y59A	Loris	54.28 352	P	P	19 14 53.5	0.0
Y57A	Sumter	54.53 350	P	P	19 14 55.9	+0.6
Y55A	Saluda	54.70 349	P	P	19 14 57.7	+1.1
X60A	Albert Glenn T	54.74 353	P	P	19 14 57.5	+0.7
X59A	McDuffie Farm,	54.82 352	P	P	19 14 58.0	+0.6
X58A	Rowland	54.90 351	P	P	19 14 58.9	+1.0
Z50A	Ashland	54.93 344	P	P	19 14 58.1	-0.2
Z50A	comp=Z,32nm,1.1s					
Z50A	Ashland	54.93 344	P	P	19 14 58.1	-0.2
Y52A	Lilburn	55.08 347	P	P	19 14 59.3	0.0
X56A	White Oak	55.10 350	P	P	19 14 59.8	+0.4
342A	Flagon Creek P	55.15 337	P	P	19 14 60.0	+0.2
342A	comp=Z,64nm,1.2s					
BIRD	Birdtown, Kers	55.16 350	P	P	19 14 59.8	0.0
W60A	Pink Hill	55.18 353	P	P	19 15 01.2	+1.2
X55A	Gracelyn & Ava	55.18 349	P	P	19 15 00.5	+0.5
W61A	Ground Anchor	55.23 354	P	P	19 15 01.3	+1.0
HKT	Hockley	55.25 333	P	P	19 15 00.7	+0.2
HKT	comp=Z,17nm,1.2s					
HKT	Hockley	55.25 333	P	P	19 15 00.7	+0.2
W58A	Raeford	55.34 352	P	P	19 15 02.0	+0.9
W59A	Clinton	55.38 352	P	P	19 15 02.4	+1.0
X54A	Belton	55.39 348	P	P	19 15 02.0	+0.4
833A	Chaparral WMA,	55.47 329	P	P	19 15 02.0	-0.2
833A	comp=Z,21nm,1.0s					
833A	Chaparral WMA,	55.47 329	P	P	19 15 01.7	-0.5
X53A	Estanollee	55.53 347	P	P	19 15 02.8	+0.2
W57A	Gilead	55.58 351	P	P	19 15 03.3	+0.4
W57A	comp=Z,64nm,1.1s					
W57A	Gilead	55.58 351	P	P	19 15 03.7	+0.9
W56A	Indian Trail	55.65 350	P	P	19 15 04.0	+0.5
KMSC	Kings Mountain	55.78 350	P	P	19 15 04.8	+0.4
KMSC	comp=Z,52nm,1.2s					
KMSC	Kings Mountain	55.78 350	P	P	19 15 04.8	+0.4
V61A	Roper	55.80 354	P	P	19 15 05.5	+1.1
V60A	Jim Taylor Roa	55.84 354	P	P	19 15 05.6	+0.9
W54A	Cherokee Point	55.88 349	P	P	19 15 05.6	+0.6
X51A	Calhoun	55.93 346	P	P	19 15 05.6	+0.2
V59A	Middlesex	55.95 353	P	P	19 15 06.4	+0.1
FPAL	Fort Paine	56.08 345	P	P	19 15 05.2	-1.4
FPAL	comp=Z,85nm,2.0s					
V58A	Windy Hill, Pi	56.09 352	P	P	19 15 06.5	0.0
V58A	comp=Z,46nm,1.0s					
V58A	Windy Hill, Pi	56.09 352	P	P	19 15 06.7	+0.2
V57A	Coltrane Farms	56.27 351	P	P	19 15 08.4	+0.6
V56A	Mocksville	56.30 350	P	P	19 15 08.7	+0.6
U61A	Possum Corner	56.32 354	P	P	19 15 09.2	+1.1
X48A	Hartsele	56.36 344	P	P	19 15 07.4	-1.1
X48A	comp=Z,38nm,1.3s					
V55A	Taylorsville	56.46 350	P	P	19 15 09.2	0.0
V55A	comp=Z,38nm,1.0s					
V55A	Taylorsville	56.46 350	P	P	19 15 09.7	+0.5
U59A	Littleton	56.48 353	P	P	19 15 10.1	+0.9
U59A	Littleton	56.48 353	P	P	19 15 10.0	+0.7
V54A	Nebo	56.51 349	P	P	19 15 09.8	+0.2
U60A	Pendleton	56.53 354	P	P	19 15 10.5	+0.9

U58A	Oxford	56.61 352	P	P	19 15 11.1	+0.9
W50A	Signal Mountai	56.64 346	P	P	19 15 09.2	-1.4
CPCT	Cooper Cave	56.70 347	IAMB	IAMB	19 15 12.6	0.0
CPCT	comp=Z,31nm,1.2s					
U57A	Blanch	56.74 352	P	P	19 15 11.7	+0.5
TKL	Tuckaleechee C	56.75 347	P	P	19 15 09.7	-1.6
TKL	comp=Z,29nm,1.0s					
TKL	Tuckaleechee C	56.75 347	P	P	19 15 09.7	-1.6
TKL	comp=Z,29nm,1.0s					
SWET	Sewanee	56.80 345	P	P	19 15 10.1	-1.6
SWET	comp=Z,33nm,1.2s					
U56A	King	56.81 351	P	P	19 15 11.2	-0.5
U56A	King	56.81 351	P	P	19 15 12.4	+0.7
V51A	Loudon	57.01 347	IAMB	IAMB	19 15 11.5	-1.6
V51A	comp=Z,47nm,1.4s					
Z41A	Richland Creek	57.02 338	P	P	19 15 13.3	+0.1
T59A	Double "B" Far	57.06 354	P	P	19 15 13.8	+0.4
T59A	Double "B" Far	57.06 354	P	P	19 15 14.4	+1.0
U55A	TA2, Sparta	57.07 350	P	P	19 15 14.3	+0.8
PLAL	Pickwick Lake	57.13 343	P	P	19 15 12.6	-1.4
PLAL	comp=Z,59nm,1.6s					
T58A	Grand View Acr	57.15 353	P	P	19 15 14.7	+0.7
U54A	Nelsons Funny	57.21 349	P	P	19 15 14.1	-0.5
U54A	comp=Z,44nm,1.0s					
U54A	Nelsons Funny	57.21 349	P	P	19 15 15.1	+0.4
CCAR	Cane Creek	57.27 339	P	P	19 15 15.1	+0.2
TS7A	Hurt	57.29 352	IAMB	IAMB	19 15 16.9	+0.2
TS7A	comp=Z,36nm,1.0s					
TS7A	Hurt	57.29 352	P	P	19 15 15.8	+0.7
T56A	Rocky Mt	57.43 351	P	P	19 15 16.8	+0.7
JCT	Junction City	57.47 330	P	P	19 15 16.2	-0.3
JCT	comp=Z,8.0nm,0.6s					
JCT	Junction City	57.47 330	P	P	19 15 16.2	-0.3
WLAR	White Oak Lake	57.52 338	P	P	19 15 18.0	+1.3
V48A	Smith Brothers	57.52 345	IAMB	IAMB	19 15 14.8	-1.9
V48A	comp=Z,45nm,1.3s					
X43A	Marvell	57.53 340	P	P	19 15 17.1	+0.3
W45A	Hickory Valley	57.61 342	P	P	19 15 16.1	-1.2
W45A	comp=Z,38nm,1.1s					
T55A	Pulaski	57.63 351	P	P	19 15 18.0	+0.5
HPIG	Tazewell	57.66 323	P	P	19 15 19.1	+1.0
T54A	Rocky Mt	57.70 350	P	P	19 15 18.5	+0.5
WHTX	Lake Whitney,	57.71 333	P	P	19 15 18.4	+0.3
CLTN	Cedars of Liba	57.73 345	P	P	19 15 17.5	-0.7
CLTN	comp=Z,30nm,1.1s					
S58A	Poland Farm, P	57.75 353	P	P	19 15 19.6	+1.3
T53A	Wise	57.79 349	P	P	19 15 19.0	+0.3
S59A	Mechanicsville	57.82 354	P	P	19 15 19.8	+1.1
T52A	Hallie	57.99 348	P	P	19 15 20.5	+0.5
S56A	Natural Bridge	58.00 352	P	P	19 15 21.4	+1.3
S57A	Dark Hollow, R	58.00 352	P	P	19 15 20.0	0.0
S57A	comp=Z,47nm,1.1s					
S57A	Dark Hollow, R	58.00 352	P	P	19 15 20.9	+0.9
U49A	Red Boiling Sp	58.01 346	P	P	19 15 18.5	-1.6
U49A	comp=Z,72nm,1.7s					
T51A	Gray	58.04 348	P	P	19 15 20.6	+0.3
R58B	Mineral	58.08 353	P	P	19 15 20.0	-0.5
R58B</						

17d 19h

N55A	Marion Center	60.99	353	P	P	19 15 41.0 +0.4
ACSO	Alum Creek Sta	61.03	349	P	I Amb	19 15 39.8 -1.1
N56A	West Decatur	61.04	353	P	P	19 15 41.5 +0.5
O50A	Cable	61.06	349	P	P	19 15 40.9 -0.3
Q44A	Meyer Farm, Va	61.07	344	P	I Amb	19 15 40.5 -0.8
M63A	Gales Ferry	61.14	359	P	P	19 15 41.9 +0.3
M60A	Port Jervis	61.16	357	P	P	19 15 42.6 +0.9
M62A	Hamden	61.20	358	P	P	19 15 42.2 +0.2
MNTX	Cornudas Mount	61.22	326	P	P	19 15 41.5 -0.9
S39A	Bolivar	61.22	340	P	I Amb	19 15 41.5 -0.8
O49A	Covington	61.23	348	P	I Amb	19 15 40.8 -1.5
O49A	Covington	61.23	348	P	I Amb	19 15 42.8
O49A	Covington	61.23	348	P	P	19 15 42.0 -0.3
N53A	Lisbon	61.25	351	P	P	19 15 42.8 +0.4
N54A	Moraine State	61.29	352	P	P	19 15 41.3 -1.3
N54A	Moraine State	61.29	352	P	P	19 15 42.1 -0.5
M58A	Price's Panora	61.32	355	P	P	19 15 42.6 -0.3
M57A	Sunshine Farm,	61.35	355	P	I Amb	19 15 41.7 -1.4
M57A	Sunshine Farm,	61.35	355	P	I Amb	19 15 44.8
M57A	Sunshine Farm,	61.35	355	P	P	19 15 42.5 -0.5
N52A	McGinn's Farm,	61.38	351	P	P	19 15 43.3 +0.1
M59A	Waymart	61.42	356	P	P	19 15 43.9 +0.4
O48A	Farmland	61.46	348	P	P	19 15 43.2 -0.6
N50A	Nevada	61.58	349	P	P	19 15 44.8 +0.1
L63A	North Scituate	61.59	359	P	P	19 15 44.6 -0.1
M56A	Emporium	61.59	354	P	P	19 15 44.9 +0.2
M56A	Emporium	61.59	354	P	P	19 15 44.5 -0.2
N51A	Ashland	61.59	350	P	P	19 15 44.8 +0.1
T35A	Sooner Cattle	61.64	337	P	I Amb	19 15 45.3 +0.2
T35A	Sooner Cattle	61.64	337	P	I Amb	19 15 49.1
M55A	Ridgway	61.64	353	P	P	19 15 45.0 0.0
M55A	Ridgway	61.64	353	P	P	19 15 44.8 -0.2
BRYW	Bryant College	61.65	359	P	P	19 15 45.4 +0.4
L64A	Middleborough	61.66	360	P	P	19 15 44.7 -0.4
MSTX	Muleshoe	61.76	330	P	I Amb	19 15 44.9 -1.3
MSTX	Muleshoe	61.76	330	P	I Amb	19 15 53.0
MSTX	Muleshoe	61.76	330	P	P	19 15 46.0 -0.2
M54A	Oil Creek Stat	61.78	352	P	P	19 15 46.0 0.0
M54A	Oil Creek Stat	61.78	352	P	P	19 15 45.9 0.0
L60A	Shokan	61.80	357	P	P	19 15 46.3 +0.3
M53A	WI Miller and	61.85	352	P	P	19 15 46.5 +0.1
P43A	Skaggs, Pawnee	61.90	344	P	P	19 15 45.6 -1.2
N49A	Columbus Grove	61.92	349	P	P	19 15 45.6 -1.3
N49A	Columbus Grove	61.92	349	P	P	19 15 46.8 -0.1
L58A	Harry Jones Me	61.95	356	P	P	19 15 47.6 +0.5
M51A	Ellyria	61.97	350	P	P	19 15 47.5 +0.2
L61A	Hillsdale 1, H	61.97	358	P	P	19 15 47.1 -0.1
L57A	Andrews Acres	61.98	355	P	P	19 15 46.7 -0.7
ALLY	Alegheny Colle	61.98	352	P	P	19 15 47.4 0.0
SFIN	Lafayette	62.00	346	P	I Amb	19 15 46.2 -1.2
SFIN	Lafayette	62.00	346	P	I Amb	19 15 47.3
SFIN	Lafayette	62.00	346	P	P	19 15 46.6 -0.8
N48A	Decatur	62.02	348	P	P	19 15 47.2 -0.4
L59A	Walton	62.04	356	P	P	19 15 47.7 -0.1
L59A	Walton	62.04	356	P	P	19 15 48.0 +0.2
M52A	Chesterland	62.05	351	P	P	19 15 46.5 -1.3
M52A	Chesterland	62.05	351	P	I Amb	19 15 48.9
M52A	Chesterland	62.05	351	P	P	19 15 47.6 -0.2
BINY	Binghamton	62.11	356	P	P	19 15 46.1 -2.1
N47A	Urbana	62.17	347	P	I Amb	19 15 48.0 -0.6
N47A	Urbana	62.17	347	P	I Amb	19 15 07.8
N47A	Urbana	62.17	347	P	P	19 15 48.5 -0.1
L56A	Greenwood	62.18	354	P	P	19 15 48.4 -0.2
L56A	Greenwood	62.18	354	P	P	19 15 48.8 +0.1
M50A	Fremont	62.18	350	P	P	19 15 48.8 +0.2
L61B	Northampton	62.20	358	P	P	19 15 50.0 +1.2
HRV	Adam Dzielowski	62.23	359	P	pmax	19 15 49.9 +0.9
HRV	Adam Dzielowski	62.23	359	P	pmax	19 15 49.9 +0.9
HRV	Adam Dzielowski	62.23	359	P	P	19 15 49.9 +0.9
L53A	Girard	62.30	352	P	P	19 15 49.6 +0.2
L55A	Hinsdale	62.31	354	P	P	19 15 50.7 +1.1
K62A	Royalston	62.40	359	P	P	19 15 50.8 +0.7
K60A	Five Rivers En	62.41	357	P	P	19 15 51.2 +1.1
M49A	Liberty Center	62.41	349	P	P	19 15 50.5 +0.3
K63A	Dunstable	62.41	359	P	P	19 15 50.8 +0.6
ERPA	Erie	62.43	352	P	P	19 15 49.2 -1.1
K61A	Williamstown	62.44	358	P	P	19 15 51.3 +1.0
L54A	Sinclairville	62.46	353	P	P	19 15 51.1 +0.6
TRY	Troy	62.51	358	P	P	19 15 49.7 -1.1
WVNY	West Valley, N	62.51	350	P	P	19 15 50.5 -0.7
M48A	Edgerton	62.56	348	P	P	19 15 51.6 +0.4
K59A	Cooperstown	62.61	357	P	P	19 15 52.2 +0.7
K58A	Earlville	62.65	356	P	P	19 15 52.1 +0.3
K58A	Earlville	62.65	356	P	P	19 15 52.8 +1.0
K57A	Scipio Center	62.68	355	P	P	19 15 52.4 +0.4
K56A	Middlesex	62.71	355	P	P	19 15 53.0 +0.8
K54A	Basiliko Farm,	62.76	353	P	P	19 15 52.9 +0.4
L50A	Kingsville	62.76	350	P	P	19 15 52.7 +0.2
K55A	Perry	62.81	354	P	P	19 15 52.9 0.0
L48A	N Adams	62.95	349	P	P	19 15 53.8 0.0
J62A	Henniker	62.96	359	P	P	19 15 54.1 +0.3
L49A	Milan	62.99	349	P	P	19 15 54.2 +0.2
J63A	Strafford	63.00	360	P	P	19 15 54.8 +0.7
J60A	Lant Hill Farm	63.01	358	P	P	19 15 55.0 +0.9

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P38A	Dawn	63.05	340	P	I Amb	19 15 54.2 -0.3
P38A	Dawn	63.05	340	P	I Amb	19 15 54.9
319A	Douglas	63.08	323	P	I Amb	19 15 55.5 +0.5
319A	Douglas	63.08	323	P	I Amb	19 15 00.1
J61A	Chester	63.09	359	P	P	19 15 55.5 +0.8
L17A	Sherwood	63.13	348	P	P	19 15 54.9 -0.1
121A	Cookes Peak, D	63.14	325	P	P	19 15 56.0 +0.5
121A	Cookes Peak, D	63.14	325	P	P	19 15 56.3 +0.9
ACCN	Adirondack Com	63.16	358	P	I Amb	19 15 55.2 0.0
ACCN	Adirondack Com	63.16	358	P	I Amb	19 15 57.5
K52A	Tillsonburg	63.17	352	P	P	19 15 55.6 +0.4
J58A	Remsen	63.22	356	P	P	19 15 54.6 -0.9
J58A	Remsen	63.22	356	P	P	19 15 56.2 +0.6
K51A	Iona Station	63.23	351	P	P	19 15 55.6 0.0
J56A	Wolcott	63.25	355	P	P	19 15 55.1 -0.6
J56A	Wolcott	63.25	355	P	P	19 15 55.7 0.0
N41A	Harden Midland	63.26	343	P	P	19 15 55.1 -0.7
J59A	Plesco	63.28	357	P	P	19 15 56.0 0.0
J59A	Plesco	63.28	357	P	P	19 15 55.8 -0.2
MEDO	Medina	63.28	354	P	P	19 15 55.1 -0.8
J57A	Williamstown	63.31	356	P	I Amb	19 15 56.2 0.0
J57A	Williamstown	63.31	356	P	I Amb	19 15 57.8
J57A	Williamstown	63.31	356	P	P	19 15 56.1 0.0
J55A	Hilton	63.32	354	P	P	19 15 56.3 +0.1
J55A	Hilton	63.32	354	P	P	19 15 55.9 -0.2
L46A	Eue Claire	63.39	347	P	P	19 15 56.5 -0.2
J54A	Appleton	63.41	354	P	P	19 15 57.6 +0.8
HNH	Hanover	63.44	359	P	P	19 15 55.9 -1.1
K50A	Casco	63.45	350	P	P	19 15 57.3 +0.3
I58A	Old Forge	63.53	357	P	P	19 15 58.6 +1.0
I59A	Olmsteadville	63.58	357	P	P	19 15 58.4 +0.5
J52A	Paris	63.59	352	P	P	19 15 58.0 0.0
I62A	Tamworth	63.60	360	P	P	19 15 58.4 +0.4
I60A	Shoreham	63.61	358	P	P	19 15 59.1 +1.0
I64A	Boothbay	63.65	1	P	P	19 15 59.6 +1.3
I61A	Oroborio, Fairl	63.67	359	P	P	19 15 59.2 +0.7
K48A	Perry	63.73	349	P	P	19 15 59.0 +0.1
K47A	Vermontville	63.76	348	P	P	19 15 59.3 +0.2
NCB	Newcomb	63.77	357	P	I Amb	19 15 58.5 -0.7
NCB	Newcomb	63.77	357	P	I Amb	19 16 01.1
I63A	Otisfield	63.77	0	P	P	19 16 00.3 +1.2
I57A	Carthage	63.82	356	P	P	19 15 59.5 +0.1
L44A	Lake County Fo	63.90	346	P	P	19 15 59.7 -0.3
PECO	Prince Edward	63.91	355	P	P	19 16 00.1 +0.1
K46A	Dor	63.93	348	P	P	19 15 59.8 -0.5
LBNH	Liston	63.97	359	P	pmax	19 15 59.1 -1.4
LBNH	Liston	63.97	359	P	pmax	19 15 59.1 -1.4
J49A	Marlette	64.10	350	P	P	19 15 59.1 -1.4
J48A	Bridge Port	64.15	349	P	P	19 15 60.0 -1.7
J48A	Bridge Port	64.15	349	P	P	19 16 01.8 +0.2
H58A	Gabriels	64.22	357	P	P	19 16 02.5 +0.4
I51A	Listowel	64.22	352	P	P	19 16 02.5 +0.4
SNA4	Sanae	64.22	161	P	P	19 16 02.7 +0.8
SNA4	Sanae	64.22	161	P	P	19 16 03.5 +1.5
SNA4	Sanae	64.22	161	P	I Amb	19 16 02.5 +0.5
SNA4	Sanae	64.22	161	P	I Amb	19 16 10.8
I55A	Frankford	64.25	354	P	P	19 16 02.7 +0.4
H61A	Lyndonville	64.27	359	P	P	19 16 03.0 +0.6
J47A	Summer	64.28	349	P	P	19 15 00.8 -1.7
J47A	Summer	64.28	349	P	P	19 16 03.1 +0.6
WVW	Waterville	64.30	1	P	I Amb	19 16 01.9 -0.6
WVW	Waterville	64.30	1	P	I Amb	19 16 04.9
H62A	Milan	64.30	360	P	P	19 16 04.4 +1.7
H60A	Morristown	64.31	358	P	P	19 16 04.2 +1.5
H57A	Richville	64.32	356	P	P	19 16 03.7 +1.0
ANMO	Albuquerque	64.33	328	P	pmax	19 16 03.9 +0.6
ANMO	Albuquerque	64.33	328	P		

17d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, KAPI Kappang, MKAR Makanchi Array, etc.

MAN 17 19:36:50.1,9:54N:125:48E,h36km,mb3.9,ML2.7,MS2.3, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, MSPL Maasin, CGP Cagayan de Oro, etc.

THE 17 19:41:17.8,38:21N:120:44E,h12km,ML2.9/7,Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LXR1 Lixouri, LXR2 Lixouri, ARG2 Argostoli, etc.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LXR1 Lixouri, LXR2 Lixouri, ARG2 Argostoli, KEF2 Argostoli, etc.

IDC 17 19:47:18.1,2.9,10:98S:161:35E,h0km,mb3.8/6, mb1 3.9/8, mb1mx3.7/46, mbtmp3.8/8, ML4.1/2, MS3.6/4, Ms1 2.5/1.6, ms1mx2.1/30, Error ellipse: s-maj=66.1km s-min=26.7km az=102.0

NEIC 17 19:47:20.3,0.9,10:75S:0:2:161:6E,0:1,h35km,2km, mb4.2/5, Error ellipse: s-maj=35.1km s-min=8.8km az=39.0

ISC 17 19:47:21.6,1.6,10:9S:0:1:161:3E:0:2,h28km,n21, r1541/18,mb3.8/8,Bougainville-Solomon Islands region

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

2014 MAR

Table with columns: STKA, ASAR, H11S2, H11S3, H11S1, BBOC, KNRA, CMAR, CMAR, SOMM, SOMM, SOMM, MKAR, MKAR. Includes station names and coordinates.

IPPEC 17 19:50:11.8,0.1,50:21N:19:04E,h0km,ML2.6/4, Error ellipse: s-maj=1.9km s-min=0.6km az=164.0

IDC 17 19:50:11.9,0.8,50:10N:19:08E,h0km,mb2.8/1, mb1 3.6/6, mb1mx3.2/58, mbtmp3.4/6, ML3.0/6, Error ellipse: s-maj=18.9km s-min=7.3km az=149.0

VIE 17 19:50:11.8,1.0,50:29N:18:94E,h0km,mb2.4/6, ml2.7/6, Error ellipse: s-maj=8.8km s-min=7.6km az=4.0 6 km

NNW of Katowice Suspected Mining induced. PRU 17 19:50:12.3,0.0,50:23N:18:97E,h0km

ISC 17 19:50:11.1,1.0,6:57N:0:03:19:02E:0:02,h0km,n51, r138/93,3C-3D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OJC Ojcow, Ostrava-Krasne, etc.

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Table with columns: BURAR, BZS, BSD, GZR, AKASG, AKASG, DAVOX, NOA, FINES, FINES, ARCES, MKAR. Includes station names and coordinates.

SJA 17 19:57:56.0,1.3,19:98S:70:93W,h8km,15km,ML3.6, MW3.7

IDC 17 19:57:57.4,1.2,20:08S:70:92W,h0km,mb3.6/3, mb1 3.9/5, mb1mx3.7/27, mbtmp3.7/5, ML3.7/2, MS2.5/1, Ms1 2.5/1, ms1mx2.1/22, Error ellipse: s-maj=39.5km s-min=18.2km az=60.0

GUC 17 19:57:59.7,0.6,19:96S:70:92W,h2km,7km,ML3.6

ISC 17 19:57:56.0,1.8,19:97S:0:03:70:96W:0:06,h2km,11km, n45,r181/59,11C-1D, Near coast of northern Chile

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes entries for MKAR Makanchi Array and SONM Songo Array.

NCC 17 20:02:57.0:10.0, 40.61N:66.34E, h0km, mb3.7, mpv3.4, 4C, Error ellipse: s-maj=120.2km s-min=70.6km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes entries for KK31 Karatay Array, AAK Az-La Archa, and CHMS Chumysh.

IDC 17 20:10:26.9:1.1, 19.83S:70.76W, h0km, mb3.8/5, mb1 4.1/7, mb1mx3.9/20, mbtmp3.9/7, ML3.8/2, MS3.0/6, Ms1 3.0/6, ms1mx2.9/22, Error ellipse: s-maj=35.6km

NEIC 17 20:10:27.2:1.7, 19.92S:0.08:0.17, 11km2, 7km, mb4.4/1, ML4.3(GUC), Error ellipse: s-maj=107.22km s-min=7.8km az=153.0

GUC 17 20:10:31.0:0.6, 19.95S:70.92W, h35km, 2km, ML4.3, ISC 17 20:10:27.7:1.7, 19.88S:0.03:70.92W, 0.06, h8km, 10km, n15, c1f2152, mb3.7/6, 8C-3D, Near coast of northern Chile

Main table for the first section containing station data for various stations like Pisagua, Diego Aracena, Punta Patache, IPOC Station P, etc.

ISK 17 20:25:05.8, 38.64N:26.12E, h12km, ML3.3/36, ATH 17 20:25:05.6, 38.59N:26.13E, h28km, ML3.2/7, Error ellipse: s-maj=1.9km s-min=0.8km az=92.0

Main table for the second section containing station data for various stations like Chios island, Karaburub, Karaburub, Karaburub, etc.

Table for the third section containing station data for various stations like Sarkoy-Tekirda, Uak-Merkez, Edirne-Kesan, etc.

IDC 17 20:25:29.0:0.8, 85.50N:84.45E, h0km, mb3.5/9, mb1 3.8/12, mb1mx3.6/47, mbtmp3.7/12, ML3.7/3, MS3.1/19, Ms1 3.1/19, ms1mx3.0/46, Error ellipse: s-maj=22.6km

ISC 17 20:25:30.3:0.7, 85.54N:0.09:82.65E:0.07, h10km, n31, c195253, mb3.2/9, MS3.1/14, 1C, North of Severnaya Zemlya

Main table for the fourth section containing station data for various stations like Zemlya Franca, Kingsbay, Spitsbergen Ar, etc.

TAP 17 20:26:48.0, 24.83N:122.16E, h12km, 1km, ML1.9, D, Taiwan region

WERN	Wernitzgruen	2.71 244	ePn	Pn	20 56 37.7 +0.5
PLN	Plauen	2.74 249	eSg	Sg	20 57 19.6 -0.8
NEUB	Neuenburg	2.76 265	eSg	Sg	20 57 21.3 +0.1
JAVC	Velka Javorina	2.87 160	ePn	Pn	20 56 39.6 +0.1
JAVC	Velka Javorina	2.87 160	eSg	Sb	20 57 19.5 -0.6
JAVC	Velka Javorina	2.87 160	ePn	Pn	20 56 39.6 +0.1
JAVC	Velka Javorina	2.87 160	eSg	Sb	20 57 19.6 -0.6
KHC	Kasperske Hory	2.93 215	ePn	Pn	20 56 40.7 +0.4
KHC	Kasperske Hory	2.93 215	eSg	Pb	20 56 46.5 +0.9
KHC	Kasperske Hory	2.93 215	eSg	Sb	20 57 14.2 -0.0
KHC	Kasperske Hory	2.93 215	eSg	Sb	20 57 24.8 -1.8
MOX	Moxa	3.00 254	ePn	Pn	20 56 41.9 +0.7
MOX	Moxa	3.00 254	eSg	Sg	20 57 28.9 +0.1
MANZ	Manzenberg	3.01 240	eSg	Sg	20 57 28.3 -0.8
ROTZ	Rotzenmuhle	3.08 236	ePn	Pn	20 56 42.5 +0.1
GERES	GERESS Array S	3.13 211	ePn	Pn	20 56 43.9 +0.8
GERES	GERESS Array S	3.13 211	eSg	Sb	20 57 30.3 +2.4
GERES	GERESS Array B	3.13 211	Pn	Pn	20 56 44.0 +0.8
GERES	GERESS Array B	3.13 211	Pb	Pb	20 56 49.7 +0.6
GERES	GERESS Array B	3.13 211	Lg	Lg	20 57 28.8
SMOL	Smolenice	3.15 164	ePn	Pn	20 56 38.2 -5.1
SMOL	Smolenice	3.15 164	eSg	Pg	20 56 54.2 +1.4
SMOL	Smolenice	3.15 164	eSg	Pg	20 57 14.7 0.0
WET	Wetzell	3.20 222	ePn	Pn	20 56 44.2 +0.3
WET	Wetzell	3.20 222	eSg	Sg	20 57 33.3 -1.7
LANS	Liptovska Anna	3.21 137	ePn	Pn	20 56 45.5 +1.3
LANS	Liptovska Anna	3.21 137	ePn	Pg	20 56 55.0 +1.1
LANS	Liptovska Anna	3.21 137	eSg	Sg	20 57 36.0 +0.5
MODS	Modra-Piesok	3.27 167	ePn	Pn	20 56 45.0 +0.1
MODS	Modra-Piesok	3.27 167	eSg	Sg	20 56 54.5 -0.5
MODS	Modra-Piesok	3.27 167	eSg	Sg	20 57 35.7 -2.1
ZST	Bratislava	3.42 169	eSg	Sg	20 56 47.0 -2.1
VYHS	Vyhne	3.52 149	ePn	Pn	20 56 47.9 -0.5
VYHS	Vyhne	3.52 149	ePn	Pg	20 57 01.2 +1.4
VYHS	Vyhne	3.52 149	eSg	Sg	20 57 43.6 -1.8
VYHS	Vyhne	3.52 149	ePn	Pn	20 56 50.8 +0.8
CONA	Conrad Observa	3.63 183	ePn	Pn	20 57 46.8 -2.3
CONA	Conrad Observa	3.63 183	eSg	Sg	20 57 46.8 -2.3
BSD	Bornholm Skovb	3.64 349	iP	Pn	20 56 49.2 -0.8
BSD	Bornholm Skovb	3.64 349	iS	Sb	20 57 29.2 -4.5
BSD	Bornholm Skovb	3.64 349	iS	Sb	20 56 49.2
BSD	Bornholm Skovb	3.64 349	iS	Sb	20 57 29.2
BSD	Bornholm Skovb	3.64 349	iS	Sb	20 57 59.6
MOA	Molin	3.91 199	iPn	Pn	20 56 54.0 +0.3
MOA	Molin	3.91 199	eSg	Sg	20 57 56.7 -1.2
ARSA	Arzberg	4.33 186	ePn	Pn	20 57 00.3 +0.8
ARSA	Arzberg	4.33 186	eSg	Sg	20 58 12.4 +1.0
LUNU	Lund	4.39 340	P	Pn	20 56 59.2 -1.1
LUNU	Lund	4.39 340	S	Sb	20 57 47.7 -4.4
BLEU	Blekinge	4.76 358	P	Sn	20 57 04.8 -0.6
BLEU	Blekinge	4.76 358	S	Sb	20 57 55.5 -5.8
KBA	Koelnbreinsper	4.84 203	ePn	Pn	20 57 06.7 0.0
KBA	Koelnbreinsper	4.84 203	Sg	Sg	20 58 26.9 -1.0
BJUU	Bjuv	4.89 339	P	Sg	20 57 05.7 -1.5
OBKA	Obir	5.16 192	Sg	Sg	20 58 38.6 +0.5
MOTA	Moosalm	5.35 220	iPn	Pn	20 57 15.0 +1.4
MOTA	Moosalm	5.35 220	eSg	Sn	20 58 14.9 -1.0
ABTA	Abfaltersbach	5.37 208	iPn	Pn	20 57 14.9 +1.0
ABTA	Abfaltersbach	5.37 208	eSg	Sn	20 58 17.6 +1.2
SQTA	Sankt Quirin	5.41 219	iPn	Pn	20 57 15.2 +0.8
SQTA	Sankt Quirin	5.41 219	eSg	Sn	20 58 17.2 -0.2
OSKU	Oskarshamn	5.65 360	P	Pn	20 57 17.3 -0.4
OSKU	Oskarshamn	5.65 360	P	Pn	20 57 17.3
FETA	Feichten	5.76 220	ePn	Pn	20 57 20.2 +1.0
BYXU	Byxelkrok	5.77 5 P	P	Pn	20 57 19.1 -0.1
BYXU	Byxelkrok	5.77 5 P	P	Pn	20 57 19.1
ASPU	Aespoe	5.88 2 P	P	Pn	20 57 20.8 0.0
ASPU	Aespoe	5.88 2 P	P	Pn	20 57 20.8
VSTU	Vaestervik	6.12 2 P	P	Pn	20 57 24.1 +0.1
VSTU	Vaestervik	6.12 2 P	P	Pn	20 57 24.1
DAVOX	Davos/Dischmat	6.30 223	Pn	Pn	20 57 28.2 +1.4
HFS	Hagfors	6.37 338	Pn	Pn	20 58 04.3 +4.7
HFS	Hagfors	6.37 338	Pn	Pn	20 58 04.3
FINES	FINESS Array B	11.31 25	Pn	Pn	20 58 34.4 -0.7
FINES	FINESS Array B	11.31 25	Pn	Pn	20 58 34.4
ARCES	ARCESS Array B	18.57 10	P	Pn	21 00 14.2 +3.4
ARCES	ARCESS Array B	18.57 10	P	Pn	21 00 14.2

PGC 17 21:03:30.8-9.6,54.616N:139.64W,h10km,ML3.6/2,
382km Wsw of Sitka, AK West Of Vancouver Island,
West of Vancouver Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
				h m s ISC	
VIB	Van Inlet	4.41 105	Op	Pn	21 04 38.0 +0.2
DIB	Dawson Inlet	4.47 106	Pn	Pn	21 04 37.8 -0.7
PNL	Peninsula	5.07 1 Pn	Pn	Pn	21 04 45.4 -1.4
PCA	Pinnacle	5.51 357	Pn	Pn	21 04 51.2 -1.7
YUK7	Dusty Glacier	5.99 7 Pn	Pn	Pn	21 04 59.3 -0.3
GRNC	Granite Creek	6.24 350	Pn	Pn	21 05 00.6 -2.4
HYT	Haines Junction	6.33 10 Pn	Pn	Pn	21 05 03.1 +1.2
YUK6	Outpost Mounta	6.39 6 Pn	Pn	Pn	21 05 04.8 -0.2
CTGM	Chitina Glacie	6.43 353	Pn	Pn	21 05 03.6 -2.0
KIAG	Kiagna River	6.49 348	Pn	Pn	21 05 03.9 -2.6
WHY	Whitehorse	6.58 21 Pn	Pn	Pn	21 05 05.0 -2.6
BALM	Baldy	6.60 348	Pn	Pn	21 05 05.7 -2.1
YUK5	Granite Creek	6.61 8 Pn	Pn	Pn	21 05 07.8 -0.2
YUK4	Talbot Arm	6.77 4 Pn	Pn	Pn	21 05 11.6 +1.3
YUK3	Moose Creek	7.20 357	Pn	Pn	21 05 16.4 +0.3
YUK2	White River	7.22 355	Pn	Pn	21 05 16.2 -0.2
YUK1	Sand Pete Hill	7.58 357	Pn	Pn	21 05 21.4 +0.1
PAX	Paxson	8.91 349	Pn	Pn	21 05 36.3 -3.2
DAWY	Dawson	9.48 1 Pn	Pn	Pn	21 05 47.0 -0.3

IDC 17 21:04:18.5-1.1,0.15S:132.57E,h0km,mb3.6/5,
mb1 3.8/7,mb1mx3.6/35,mbtpp3.7/7,ML3.7/2,Error
ellipse: s-maj=26.9km s-min=18.9km az=95.0

DJA 17 21:04:29.5-0.9,1°S:14°13'2"E:1°0',h55km,24km,ML3.4/5,
MLV3.4/5

ISC 17 21:04:23.9-1.0,0.18S:0.10E:132.45E:0.10,h35km,n10,
-25.1712,mb3.8/5,Irian Jaya region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
				h m s ISC	
SIJI	Sorong	1.37 240	Op	Pn	21 04 46.7 +0.2
SIJI	Sorong	1.37 240	Sn	Sn	21 05 07.7 +4.3
SWI	Sorong	1.37 240	P	Pn	21 04 46.8 +0.3
SWI	Sorong	1.37 240	S	Sb	21 04 58.9 -4.5
FAKI	Fak Fak	2.73 184	P	Pn	21 05 05.9 +0.6
FITZ	Fitzroy Crossi	19.03 209	P	P	21 08 43.2 +0.3
WRA	Warramunga Arr	19.73 175	P	P	21 08 49.3 -1.4
ASAR	Alice Springs	23.39 177	P	P	21 09 28.9 -0.8
STKA	Stephens Creek	32.70 165	P	P	21 10 53.4 +0.3

SONM	Songino Array	52.91 338	P	P	21 13 36.6 -0.1
MKAR	Makanchi Array	64.02 324	P	P	21 14 54.3 +0.2
ILAR	Eielson Array	86.12 325	P	P	21 17 01.3 0.0

PGC 17 21:04:33.6-15.0,54.43N:139.93W,h10km,ML3.7/4,
410km Wsw of Sitka, AK West Of Vancouver Island,
West of Vancouver Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
				h m s ISC	
VIB	Van Inlet	4.53 102	Op	ISC	21 05 43.5 +1.3
DIB	Dawson Inlet	4.58 103	Pn	Pn	21 05 43.5 +0.7
HG1B	Mitchell Dam	4.87 105	Pn	Pn	21 05 45.1 -1.7
PNL	Peninsula	5.26 3 Pn	Pn	Pn	21 05 51.3 -0.9
HG3B	Hotspring	5.39 107	Pn	Pn	21 05 52.6 -1.3
PCA	Pinnacle	5.68 358	Pn	Pn	21 05 56.7 -1.4
YUK7	Dusty Glacier	6.19 8 Pn	Pn	Pn	21 06 05.0 -0.1
GRNC	Granite Creek	6.39 352	Pn	Pn	21 06 06.5 -1.5
HYT	Haines Junction	6.54 10 Pn	Pn	Pn	21 06 09.1 -0.8
YUK6	Outpost Mounta	6.58 7 Pn	Pn	Pn	21 06 10.5 0.0
CTGM	Chitina Glacie	6.59 354	Pn	Pn	21 06 09.1 -1.5
KIAG	Kiagna River	6.64 350	Pn	Pn	21 06 08.9 -1.5
BALM	Baldy	6.75 350	Pn	Pn	21 06 10.6 -2.1
WHY	Whitehorse	6.81 21 Pn	Pn	Pn	21 06 10.5 -3.0
YUK5	Granite Creek	6.81 8 Pn	Pn	Pn	21 06 13.7 -0.1
PTPK	Patty Peak	6.91 350	Pn	Pn	21 06 13.8 -1.1
YUK4	Talbot Arm	6.97 5 Pn	Pn	Pn	21 06 17.4 +1.6
YUK3	Moose Creek	7.37 358	Pn	Pn	21 06 21.8 +0.4
YUK2	White River	7.39 357	Pn	Pn	21 06 21.9 +0.3
YUK1	Sand Pete Hill	7.75 358	Pn	Pn	21 06 27.0 +0.5
PAX	Paxson	9.03 344	Pn	Pn	21 06 42.3 -1.6
DAWY	Dawson	9.67 1 Pn	Pn	Pn	21 06 52.9 +0.3

IDC 17 21:31:26.2-5.6,3.92S:132.81E,h0km,mb3.8/1,
mb1 3.6/3,mb1mx3.4/21,mbtpp3.5/3,ML3.2/2,Error
ellipse: s-maj=355.2km s-min=29.4km az=75.0,Irian
Jaya region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
				h m s ISC	
WRA	Warramunga Arr	16.00 175	Pn	Pn	21 35 12.9 +0.1
WRA	Warramunga Arr	16.00 175	Sn	Sn	21 37 56.8 -1.4
ASAR	Alice Springs	19.66 177	P	P	21 35 56.9 0.0
MKAR	Makanchi Array	67.26 325	P	P	21 42 22.7 0.0

VIE 17 21:58:07.2-0.9,51.45N:16.38E,h0km,mb2.8/15,
ml3.3/14,ms3.7/2,Error ellipse: s-maj=9.3km s-min=4.8km
az=42.0 59 km NW of Wroclaw Suspected Mining
induced.

IPEC 17 21:58:07.7-0.3,51.48N:16.29E,h0km,ML2.8/4,Error
ellipse: s-maj=3.4km s-min=1.6km az=58.0

LDG 17 21:58:08.1-0.2,51.40N:16.18E,h1km,ML3.4/6,Error
ellipse: s-maj=3.8km s-min=3.5km az=107.0,Suspected
Mining induced.

IDC 17 21:58:08.2-0.6,51.42N:16.11E,h0km,mb3.4/2,
mb1 3.6/10,mb1mx3.4/60,mbtpp3.4/10,ML3.1/8,Error
ellipse: s-maj=13.0km s-min=5.8km az=100.0

BGR 17 21:58:09.5-0.3,51.43N:16.17E,h1km,ML3.3/12,Error
ellipse: s-maj=3.3km s-min=2.2km az=30.0

DNK 17 21:58:13.4-2.6,51.80N:14.98E,h0km,ML2.5,
Hypocentre not reviewed by the ISC

UPP 17 21:58:15.6-3.4,52.04N:16.69E,h0km,ML2.9,Suspected
explosion

ISC 17 21:58:06.3-0.6,51.50N:0.03E:16.15E:0.02,h0km,n109,
e196/188,4C-3D,Poland

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
				h m s ISC	
KSP	Ksiaz	0.66 172	ePn	Pg	21 58 20.4 +1.4
KSP	Ksiaz	0.66 172	eSg	Sg	21 58 28.3 +0.7
KSP	Ksiaz	0.66 172	iPn	Pg	21 58 20.3 +1.4
KSP	Ksiaz	0.66 172	eSg	Sg	21 58 28.3 +0.7
CHVC	Chvalec	0.91 184	ePn	Pg	21 58 25.0 +1.2
CHVC	Chvalec	0.91 184	eSg	Sg	21 58 36.3 +0.7
OSTC	Ostas	0.94 178	ePn	Pg	21 58 25.8 +1.4
OSTC	Ostas	0.94 178	eSg	Sg	21 58 37.3 +0.7
UPC	Upice	1.00 185	ePn	Pg	21 58 26.6 +1.2
UPC	Upice	1.00 185	eSg	Sg	21 58 38.9 +0.6
DPC	Dobruska-Polom	1.15 175	ePn	Pg	21 58 29.2 +0.8
DPC	Dobruska-Polom	1.15 175	eSg	Sg	21 58 44.7 +1.4
DPC	Dobruska-Polom	1.15 175	ePn	Pg	21 58 29.2 +0.8
DPC	Dobruska-Polom	1.15 175	eSg	Sg	21 58 43.9 +0.5
PVCC	Panska Ves	1.40 226	ePn	Pb	21 58 34.2 +1.1
PVCC	Panska Ves	1.40 226	ePn	Pb	21 58 35.0 +1.7
PVCC	Panska Ves	1.40 226	ePn	Pb	21 58 34.3 +1.3
PVCC	Panska Ves	1.40 226	eSg	Sg	21 58 52.9 +1.8
KRLC	Kraliky	1.48 164	ePn	Pg	21 58 34.9 +0.6
KRLC	Kraliky	1.48 164	eSg	Sg	21 58 53.3 -0.5
BRG	Bergliesshubel	1.53 247	Pn	Pn	21 58 35.5 +0.7
BRG	Bergliesshubel				

Table with columns: SQT, Sankt Quirin, 5.36 219 ePn, Pn, 21 59 30.2+5.5, 0.6nm,0.4s,baz=87,slow=8.0,SNR=10

Table with columns: BRTR, Keskin Array B, 145.91 321 PKPbc, PKPdf, 22 31 33.3 -0.1, 0.3nm,0.7s,baz=70,slow=6.3,SNR=1.4

Table with columns: JCT, Junction City, 20.10 336 P, P, 22 42 40.8 -0.6, 20.46 318 P, P, 22 42 45.1 -0.4

ISK 17 21:58:22.8,36.71N,36.50E,h8km,ML2.5/17

DDA 17 21:58:23.3,36.77N,36.52E,h10km,6km,ML2.4

ISC 17 21:58:21.7-1.2,36.71N,0.03-36.50E,0.02,h9km,10km,n31,e079/48,Jordan-Syria region

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

IDC 17 22:32:35.8,2.0,31.140S,178.95W,h0km,mb3.8/2,mb1 4.0/3,mb1mx3.7/26,mbtmp3.8/2,Error ellipse:s-maj=70.6km s-min=46.6km az=11.0, Kermadec

ISLANDS region

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

IDC 17 22:49:16.1,0.8,3.02S:129.79E,h0km,mb3.6/4,mb1 3.7/6,mb1mx3.5/42,mbtmp3.6/6,ML3.3/2,Error ellipse:s-maj=46.6km s-min=23.6km az=80.0

DJA 17 22:49:16.1,0.8,3.02S:14.13E,h165km,9km,M3.2/10,MLV3.2/10

ISC 17 22:49:17.5,0.8,2.76S:0.05:129.98E:0.05,h25km,n14,e27/17,mb3.8/4,Seram

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

IDC 17 22:11:52.0,1.4,15.02S:173.31W,h0km,mb3.8/3,mb1 4.0/3,mb1mx3.6/37,mbtmp3.8/3,Error ellipse:s-maj=58.3km s-min=24.5km az=144.0, Tonga Islands

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

ISLANDS region

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

IDC 17 22:49:15.0,1.3,3.02S:129.79E,h0km,mb3.6/4,mb1 3.7/6,mb1mx3.5/42,mbtmp3.6/6,ML3.3/2,Error ellipse:s-maj=46.6km s-min=23.6km az=80.0

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Ambon, Sorong, FAKI, SWI, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RODEO, ROLL, RTLL, etc.

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

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

IDC 17 23:00:32.2e.0.7, 54.18N:59.12E, h0km, mb3.9/2, mb1 3.8/5, mb1mx3.5/48, mbtmp3.7/5, Error ellipse: s-maj=200.7km s-min=19.4km az=64.0

ISC 17 23:00:30.1e.1.0, 3.33N:0.1257E, h35km, n7, of 1939/9, mb3.8/5, Talaud Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Bagumbayan, Kidapawan, Waramunga Arr, etc.

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

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

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

IDC 17 23:00:32.2e.0.7, 54.18N:59.12E, h0km, mb3.9/2, mb1 3.6/9, mb1mx3.4/56, mbtmp3.5/9, ML2.5/6, MS3.3/1, Ms1 3.3/1, ms1mx2.1/36, Error ellipse: s-maj=11.4km s-min=8.3km az=77.0

MIRAS 17 23:00:33.9e.0.0, 54.23N:58.91E, h0km, ML3.1/7, NNC 17 23:00:39.3e.3.3, 53.58N:59.95E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=33.6km s-min=13.2km az=137.0

Suspected Mining explosion, ISC 17 23:00:30.0e.0.7, 54.05N:0.035914E, h0km, n21, of 237/34, 5C-4D, Ural Mountains region

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

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

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

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

IDC 18 00:04:09.7e.1.6, 2.91S:129.84E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/35, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=44.7km s-min=22.9km az=97.0, Seram

IDC 18 00:04:09.7e.1.6, 2.91S:129.84E, h0km, mb3.5/2, mb1 3.7/4, mb1mx4.0/27, mbtmp4.0/12, ML3.8/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/30, Error ellipse: s-maj=27.0km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AB31, AB31, AB31, etc.

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

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

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

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

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

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

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

IDC 18 00:04:09.7e.1.6, 2.91S:129.84E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/35, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=44.7km s-min=22.9km az=97.0, Seram

IDC 18 00:04:09.7e.1.6, 2.91S:129.84E, h0km, mb3.5/2, mb1 3.7/4, mb1mx4.0/27, mbtmp4.0/12, ML3.8/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/30, Error ellipse: s-maj=27.0km

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

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

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

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

IDC 18 00:12:41.6e.0.7, 19.81S:70.67W, h0km, mb3.9/10, mb1 4.2/12, mb1mx4.0/27, mbtmp4.0/12, ML3.8/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/30, Error ellipse: s-maj=27.0km

IDC 18 00:12:41.6e.0.7, 19.81S:70.67W, h0km, mb3.9/10, mb1 4.2/12, mb1mx4.0/27, mbtmp4.0/12, ML3.8/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/30, Error ellipse: s-maj=27.0km

IDC 18 00:12:41.6e.0.7, 19.81S:70.67W, h0km, mb3.9/10, mb1 4.2/12, mb1mx4.0/27, mbtmp4.0/12, ML3.8/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/30, Error ellipse: s-maj=27.0km

IDC 18 00:12:41.6e.0.7, 19.81S:70.67W, h0km, mb3.9/10, mb1 4.2/12, mb1mx4.0/27, mbtmp4.0/12, ML3.8/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/30, Error ellipse: s-maj=27.0km

s-min=16.0km az=76.0
NEIC 18:00:12.43.0.1.7, 19:94S:0'04.70:85W:0'07.1h3km,3km,
mb4.4/5, Error ellipse: s-maj=9.5km s-min=5.7km az=82.0

GUC 18:00:12.45.1.0.7, 19:89S:70:84W, h30km,3km,ML4.0
ISC 18:00:12.41.5.1.8, 19:89S:0'03.70:89W:0'06.4h4km,11km,
n54, c1507/63, mb4.1/9, 6C-7D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

SJA 18:00:21.46.7.0.9, 20:03S:71:00W, h28km,4km,ML3.3,
MW3.6
GUC 18:00:21.49.7.0.6, 19:98S:70:98W, h28km,2km,ML3.3
ISC 18:00:21.47.1.3.3, 20:00S:0'03.71:00W:0'07.1h10km,24km,
n24, c054/38, 4D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

IDC 18:00:26.10.8.0.7, 16:93S:167:33E, h0km, mb4.6/15,
mb1.4/8/18, mb1mx4.6/33, mbtmp4.7/18, ML4.9/3, MS3.8/22,
Ms1.3/8/22, ms1mx3.7/32, Error ellipse: s-maj=2.1km
s-min=17.0km az=96.0

NEIC 18:00:26.15.8.2.0, 16:88S:0'07.167:29E:0'09.4h35km,5km,
mb4.7/26, Error ellipse: s-maj=13.4km s-min=10.0km
az=75.0

ISC 18:00:26.14.8.0.5, 16:92S:0'05.167:26E:0'09.4h25km, n110,
c1522/96, mb4.7/23, MS3.8/24, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

ASAR 18:00:21.0nm, 0.7s, baz=89, slow=2.3, SNR=4.1
ASAR 18:00:21.0nm, 0.7s, baz=89, slow=2.3, SNR=4.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

IDC 18:00:42:17.2:14.0, 12:30S:167:54E, h89km, 116km,
mb3.8/7, mb1.4/1.7, mb3.3mx3.7/36, mbtmp4.1/7, Error
ellipse: s-maj=82.4km s-min=37.1km az=131.0
ISC 18:00:42:10.4:1.5, 12:4S:0'4.167:7E:0'3, h35km, n12,
c1501/12, mb4.0/7, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, H, m, s, Res, ISC. Contains station data for Chile and other regions.

ISC 18 00:50:40.1.2.0.26.26S:0'09.27'4E:0.2,h5km,n8,
+251710, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LBTF Lobatse, BOSB Boshof, MATP Matopo, etc.

IDC 18 00:50:50.0.1.1.38.29N:20.38E,h0km,mb3.9/7,
mb1 3.8/13,mb1mx3.5/64,mbtmp3.7/13,ML3.3/6,MS3.6/1,
Ms1 3.6/1,ms1mx2.2/41,Error ellipse: s-maj=19.3km
s-min=18.2km az=18.0

THE 18 00:50:52.6.38.19N:20.36E,h16km,ML3.8/6,Error
ellipse: s-maj=0.9km s-min=0.5km az=257.0

ATH 18 00:50:52.3.38.17N:20.39E,h18km,ML5.1/1,Error
ellipse: s-maj=1.5km s-min=0.8km az=241.0

PDG 18 00:50:53.1.0.8.38.23N:20.39E,h14km,1km,ML3.8/12,
Error ellipse: s-maj=1.3km s-min=1.3km az=90.0

ISC 18 00:51:18.7.0.0.0.02.20.36E:0.03,h17km,1km,
n131,+1927/167,mb4.0/7,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHV1 Chaviarta, Kef, KIP3 Kipouria, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, VASILIKIADES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FSK Fiskardo, ANNINATA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EVGI Lefkada island, ZAK2 Zakynthos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AST1 Astakos, TSKL Tsoukalades, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VTN Vitinea, PDO Prodromos, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DRO Drossia, EFP Efpalio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AMT Artemida-Makis, LAKA Lakka, etc.

JAN Janina 1.53 14 P Pg 00 51 20.8 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ITM Ithomi, KEK Kerkira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DRME Dracevica, Mon, HCY Herceg Novi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TREB Trebinje, DBRK Dubrovnik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UPM Unac-Piva, RUDU Rudo, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARSA Arzberg, KBA Koelnbreinsper, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FETA Feichten, MOTA Moosalm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RETA Reutte, GRESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MMAI Mount Meron Ar, AKAS Malin Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FINES FINES Array B, NB2 NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NORD NORSAR Array B, TORA Torodi Ar, etc.

JYS Shirataka 1.38 308 P Pn 01 49 32.8 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JYS Yanaizu, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, SONMG Songo Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, NOAR NORSAR Array B, etc.

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

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

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

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

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

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

MEX 18 01:15:43.6:0.5.29.41N:115.05W,h5km,MD4.0,Baja

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SPIG San Pedro Mart, TJIG Tijuana, etc.

JMA 18 01:49:10.1.0.1.37.39N:141.29E,h35km,2.1km,M3.7

JMA Felt II J1

IDC 18 01:49:23.1.1.9.36.45N:140.44E,h164km,23km,mb3.2/5,
mb1 3.3/6,mb1mx3.1/32,mbtmp3.7/6,MS2.3/1,Ms1 2.3/1,
ms1mx2.0/18,Error ellipse: s-maj=41.1km s-min=26.8km
az=2.0

ISC 18 01:49:07.9:1.8.37.37N:0'03.141'44E:0'07,h17km,9km,
n26,+0.98/31,mb3.6/5,Near east coast of eastern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Honshu, JFK Kawauchi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TXAR Tajiri Array, BOSB Boshof, etc.

TORD Torodi Ar. Bea 162.23 180 PKPab PKPab 03 25 40.0 +1.2

SJA 18 03:11:39.9:1.1, 20.00S:71.05W, h15km, 4km, ML3.8, MW3.8

IDC 18 03:11:42.5:1.2, 19.90S:70.83W, h0km, mb3.7/4, mb1.4/0.6, mb1mx3.8/2.9, mbtmp3.9/6, ML3.8/2.2, MS2.7/1, Ms1.2/7.1, ms1mx2.3/2.5, Error ellipse: s-maj=39.2km s-min=24.0km az=52.0

GUC 18 03:11:44.1:0.6, 20.00S:70.89W, h25km, 2km, ML3.7

ISC 18 03:11:42.0:1.6, 20.01S:0.03:70.92W, 0.06, h3km, 10km, n38, c1501/60, mb3.8/4, 7C-6D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PSCG Pisagua, PATCX Punta Patache, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PB02 IPOC Station P, GO01 Chuzmiza, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PB08 IPOC Station P, PB01 IPOC Station P, AP01 Chalcutilla, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PB16 IPOC Station P, PB03 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PB04 IPOC Station P, PB05 IPOC Station P, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include LPAZ La Paz, SIV San Ignacio, SIV Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PTGA Pitinga, TXAR Lajitas Array, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include ZALV Zalesovo Beam, MKAR Makanchi Array, SONMG Songo Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include LL01 San Ignacio de, GLOCA Cerro Castillo, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PLCA Paso Flores, GO06 Curarrehue, USHA Ushuaia, etc.

PMSA Palmer Station 20.52 164 LR 03 23 24.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include LVC Limon Verde, LVC Limon Verde, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include LPAZ La Paz, SIV San Ignacio, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include BDFB Brasilia, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PTGA Pitinga, ROSC El Rosal, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include VNSA Vanda, VNSA Vanda, MDP Montagnes Des, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include MAW Mawson, RPZ Rata Peaks, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include U40A Uellville, TULI Leonard, MGMO Mountain Grove, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include S39A Bolivar, CCM Cathedral Cave, ANMO Albuquerque, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include ILAR Eielson Array, GEYT Alibeck, ABKAR Abkutak array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include KSH Kashi, KSH Kashi, KSH Kashi, etc.

PTGA Pitinga 21.71 42 P P 03 59 23.4 -1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PTGA Pitinga, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include BDFB Brasilia, TXAR Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include TIC Tomouidi, DBIC Dimbroko, DBIC Dimbroko, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include KIC Kusan Boka, VNSA Vanda, TOAO Tordoli Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include YKA Yellowknife Arr, KSH Kashi, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include FITZ Fitzroy Crossi, MKAR Makanchi Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include MSVF Novsava, AFI Afiamalou, AFI Afiamalou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include DZM Mont Dzumac, OUZ Omahuta, URZ Urewera, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include BKZ Black Stump, BFZ Birch Farm, BFZ Birch Farm, etc.

IDC 18 03:44:49.3:42.0, 31.2N:124.57E, h0km, mb4.1/3, mb1.4/3/1, mb1mx3.5/3, mbtmp4.1/3, Error ellipse: s-maj=69.5km s-min=27.1km az=152.0, Celebes Sea

IDC 18 03:54:33.0:1.7, 16.98S:74.31W, h0km, mb4.0/7, mb1.4/2/1, mb1mx4.0/3.1, mbtmp4.1/1, ML4.1/3, MS3.0/6, Ms1.3/1.6, ms1mx2.8/2.4, Error ellipse: s-maj=29.0km s-min=19.6km az=58.0

NEIC 18 03:54:35.5:1.1, 17.15S:0.07:74.36W, 0.09, h32km, 6km, mb4.5/3, Error ellipse: s-maj=14.7km s-min=5.1km az=51.0

ISC 18 03:54:36.3:0.7, 17.22S:0.06:74.43W, 0.07, h35km, n33, c1983/43, mb4.3/10, Off coast of Peru

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include PB11 IPOC Station P, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

IDC 18 04:28:00.6:4.0, 4.09S:152.52E, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.4/2.0, mbtmp3.4/2, Error ellipse: s-maj=184.4km s-min=49.7km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea, etc.

IDC 18 04:37:50.4:1.9, 3.65S:145.58E, h0km, mb3.5/4, mb1.3/8.5, mb1mx3.6/2.6, mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=73.5km s-min=26.5km az=112.0, Near north coast of New Guinea

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

IDC 18 04:55:46.0:1.5, 17.73S:178.84W, h524km, 17km, mb3.8/7, mb1.4/0.19, mb1mx3.9/2.7, mbtmp4.7/1.9, Error ellipse: s-maj=14.3km s-min=10.4km az=124.0

NEIC 18 04:55:46.4:1.5, 17.69S:0.09:178.8W, 0.1, h539km, 5km, mb4.6/46, Error ellipse: s-maj=19.1km s-min=9.3km az=120.0

ISC 18 05:55:46.8:0.4, 17.74S:0.08:178.85W, 0.08, h539km, n171, c1922/174, mb4.5/37, 15C-4D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include MSVF Novsava, AFI Afiamalou, AFI Afiamalou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include DZM Mont Dzumac, OUZ Omahuta, URZ Urewera, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include BKZ Black Stump, BFZ Birch Farm, BFZ Birch Farm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include QRTZ Quartz Range, QRTZ Quartz Range, QRTZ Quartz Range, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include CTA Charters Tower, CNB Canberra Mag2, CNB Canberra, etc.

USRK	comp=E,2um,19.7s	52.91 341	P	P	05 15 33.6	-1.0
USRK	comp=E,16nm,1.2s,baz=145,slow=7.0,SNR=6.3		LR	LR	05 38 02.4	
YSS	comp=E,218nm,18.3s,baz=161,slow=36		P	P	05 15 33.3	-1.5
YSS	Yuzh-Sakhalins	52.95 351	eP	P	05 15 40.5	
YSS			e	S	05 15 46.9	
YSS			eS	S	05 22 57.6	-4.0
YSS	comp=Z,20nm,1.1s		pmax	pmax		
YSS	comp=Z,400nm,15.0s		MLR	MLR		
YSS	comp=N,300nm,16.0s		MLR	MLR		
YSS	comp=Z,200nm,16.0s		MLR	MLR		
MDJ	MDJ	54.08 340	P	P	05 15 45.5	+2.3
MDJ	Mudanjiang		pP	pP	05 15 54.8	+1.3
MDJ			sP	sP	05 15 58.5	+0.7
MDJ			PcS	PcS	05 20 47.9	+0.9
MDJ			S	S	05 23 19.8	+2.7
MDJ			S	S	05 25 29.8	+0.2
MDJ	comp=E,17nm,2.7s		pmax	pmax		
MDJ	comp=E,380nm,3.0s		pmax	pmax		
RPSI	Rantau Prapat	54.59 277	P	P	05 15 47.6	+0.1
PSI	Prapat	54.61 277	P	P	05 15 47.6	-0.2
PSI	comp=Z,3.7nm,0.3s,baz=140,slow=13,SNR=4.5		P	P	05 15 47.8	-0.4
ENH	Enshi	54.72 313	P	P	05 15 51.0	+1.2
GVA	Guiyang	54.92 308	eP	P	05 15 51.0	+1.2
GVA			pmax	pmax		
CN2	Changchun	54.95 336	eP	P	05 15 52.0	+2.4
TYV	TYV	56.78 352	eP	P	05 16 01.9	-0.6
TYV	TYV		pmax	pmax		
TYV	comp=Z,14nm,1.1s		pmax	pmax		
XAN	XAN	57.21 317	P	P	05 16 04.9	-1.0
XAN	Xi'an		pP	pP	05 16 14.8	-1.4
XAN			S	S	05 24 06.8	+7.5
XAN	comp=Z,14nm,0.9s		pmax	pmax		
XAN	comp=Z,7.5nm,3.5s		LR	LR		
XAN	comp=Z,270nm,22.8s		LR	LR		
XAN	comp=Z,350nm,21.7s		LR	LR		
XAN	comp=Z,510nm,20.6s		LR	LR		
XAN	Xi'an	57.21 317	P	P	05 16 05.3	-0.6
XAN			pmax	pmax		
XAN	comp=Z,11nm,0.7s		IAMB	IAMB	05 16 05.3	-0.6
XAN	Xi'an	57.21 317	P	P	05 16 05.3	-0.6
XAN			IAMB	IAMB	05 16 05.3	-0.6
PPT	Papeete	57.37 107	LR	LR	05 38 11.0	
PPT2	Papeete2	57.37 107	eS	S	05 24 07.7	+5.8
PPT2	comp=Z,661nm,24.8s		eLQ	LQ	05 30 38.3	
PPT2	comp=Z,733nm,25.5s		eLR	LR	05 33 10.5	
PPT2	comp=Z,204nm,23.0s		eLR	LR	05 33 10.5	
KMI	Kunming	57.49 304	P	P	05 16 10.8	+2.5
KMI			pmax	pmax		
KLR	Kul'dur	57.51 344	P	P	05 16 06.5	-1.1
KLR	comp=Z,242nm,1.1s,baz=148,slow=5.1,SNR=14.1		PcP	PcP	05 17 01.0	+0.1
KLR	comp=Z,7.0nm,0.9s,baz=170,slow=1.1,SNR=5.2		eP	P	05 16 06.7	-1.0
KLR	Kul'dur	57.51 344	eP	P	05 16 06.7	-1.0
KLR			pmax	pmax		
TBI	Tubuai	58.13 114	eLQ	LQ	05 31 00.3	
TBI	comp=Z,1um,33.2s		LR	LR	05 33 30.1	
TBI	comp=Z,528nm,27.2s		eLR	LR	05 33 30.1	
CMAR	Chiang Mai Arr	58.31 295	P	P	05 16 14.4	+0.5
CMAR	comp=Z,8.5nm,0.8s,baz=108,slow=5.2,SNR=33		LR	LR	05 41 31.8	
PET	Petrovavolok	58.45 4	eP	P	05 16 13.5	-0.6
PET	Petrovavolok	58.45 4	eP	P	05 24 13.7	-0.9
PET			pmax	pmax		
PEA08	Petrovavolok	58.47 3	eP	P	05 16 13.7	-0.6
PETK	Petrovavolok	58.47 3	eP	P	05 16 14.2	-0.2
PETK	comp=Z,44nm,0.8s,baz=171,slow=7.4,SNR=42		LR	LR	05 37 30.9	
CD2	Chengdu	59.29 311	P	P	05 16 20.5	0.0
CD2			sP	sP	05 18 33.5	-1.0
CD2			S	S	05 24 26.5	-0.1
CD2			SS	SS	05 24 44.5	-0.7
CD2			SS	SS	05 28 28.5	+6.7
CD2	comp=Z,20nm,0.5s		pmax	pmax		
CD2	comp=Z,200nm,8.0s		LR	LR		
CD2	comp=Z,590nm,17.6s		LR	LR		
CD2	comp=Z,790nm,23.5s		LR	LR		
CD2	comp=Z,730nm,21.6s		LR	LR		
NKL	Nikolayevsk	59.29 351	eP	P	05 16 24.4	+4.4
NKL			e	P	05 17 06.8	
NKL	comp=N,7.0nm,1.0s		pmax	pmax		
NKL	comp=Z,6.0nm,1.0s		pmax	pmax		
NKL	comp=E,1.0nm,0.9s		pmax	pmax		
NKL	comp=Z,38nm,3.1s		pmax	pmax		
HHC	Hu-ho-hao-te	59.67 324	eP	P	05 16 25.6	+2.5
HHC			S	S	05 24 34.9	+3.6
HHC			SS	SS	05 28 30.3	+2.7
HHC	comp=Z,89nm,1.0s		pmax	pmax		
HHC	comp=Z,310nm,6.0s		LR	LR		
HHC	comp=Z,700nm,16.2s		LR	LR		
HHC	comp=Z,740nm,16.2s		LR	LR		
HHC	comp=Z,780nm,15.3s		LR	LR		
LZH	Lanzhou	61.81 316	eP	P	05 16 37.8	0.0
LZH			pP	pP	05 16 47.6	-0.3
LZH			pmax	pmax		
LZH	comp=Z,14nm,1.0s		pmax	pmax		
LZH	comp=Z,230nm,4.9s		LR	LR		
LZH	comp=Z,380nm,14.6s		LR	LR		
LZH	comp=Z,350nm,13.7s		LR	LR		
LZH	comp=Z,490nm,14.6s		LR	LR		
ZEZ	Zeya	62.81 343	eP	P	05 16 42.0	-1.9
ZEZ			pmax	pmax		
MA2	Magadan	64.84 359	P	P	05 16 56.1	-1.0
MA2			pmax	pmax		
MA2	comp=Z,66nm,0.9s		P	P	05 16 56.1	-1.0
GTA	Magadan	64.84 359	P	P	05 17 07.0	+0.2
GTA	Gaotai	66.25 317	pP	pP	05 17 16.4	-0.6
GTA			sP	sP	05 17 20.9	0.0
GTA			S	S	05 25 53.6	-0.1
GTA			SS	SS	05 26 08.3	+1.7
GTA			SS	SS	05 30 11.9	+1.4
GTA	comp=Z,6.0nm,0.8s		pmax	pmax		
GTA	comp=Z,160nm,6.8s		LR	LR		
GTA	comp=Z,170nm,19.0s		LR	LR		
GTA	comp=Z,240nm,20.9s		LR	LR		

SOMM	comp=Z,340nm,20.0s	66.96 328	P	P	05 17 10.8	-0.4
SOMM	Songino Array		LR	LR	05 44 23.2	
SOMM	comp=Z,4.9nm,0.6s,baz=137,slow=6.8,SNR=28		LR	LR	05 44 23.2	
SONM	comp=Z,369nm,21.5s,baz=108,slow=34		LR	LR	05 17 17.9	-0.6
SEY	Seymchan	68.19 360	eP	P	05 17 26.8	-0.6
YAK	Yakutsk	69.64 349	P	P	05 17 26.8	-0.6
YAK	Yakutsk	69.64 349	P	P	05 17 26.8	-0.6
YAK			pmax	pmax		
YAK	comp=Z,21nm,0.6s		pmax	pmax		
YAK	Yakutsk	69.64 349	IAMB	IAMB	05 17 27.5	
ZAK	Zakamensk	70.13 329	eP	P	05 17 30.3	-0.6
ZAK			pmax	pmax		
BOD	Bodaibo	70.45 339	eP	P	05 17 30.7	-1.9
BOD			pmax	pmax		
BOD	comp=Z,12nm,1.1s		pmax	pmax		
TLY	Talaya	70.72 330	P	P	05 17 34.0	-0.4
TLY	comp=Z,5.3nm,0.7s,baz=279,slow=3.0,SNR=3.5		P	P	05 17 34.0	-0.4
TLY	Talaya	70.72 330	eP	P	05 17 34.3	-0.1
TLY			pmax	pmax		
TLY	comp=Z,22nm,1.0s		MLR	MLR		
TLY	comp=Z,609nm,14.0s		MLR	MLR		
MOY	Mondy	72.05 329	eP	P	05 17 42.7	+0.1
MOY			pmax	pmax		
MOY	comp=Z,28nm,1.4s		pmax	pmax		
VNDA	Vanda	72.18 178	P	P	05 17 43.1	+0.3
VNDA	comp=Z,3.0nm,0.9s,baz=311,slow=7.4,SNR=4.5		P	P	05 17 43.1	+0.3
VNDA			LR	LR	05 47 04.6	
VNDA	comp=Z,176nm,18.1s,baz=355,slow=34		LR	LR	05 47 04.6	
VNDA	Vanda	72.18 178	P	P	05 17 44.0	+1.2
VNDA			pmax	pmax		
VNDA	comp=Z,5.0nm,1.1s		P	P	05 17 44.0	+1.2
VNDA	Vanda	72.18 178	P	P	05 17 52.9	-0.2
VNDA	Bladino	72.19 5c	P	P	05 18 06.4	
VNDA			iSS	SS	05 20 32.4	
VNDA			SS	SS	05 32 00.5	-6.6
BILL	comp=Z,58nm,1.3s		MLR	MLR		
WMQ	comp=Z,588nm,19.0s		MLR	MLR		
WMQ	Urumqi	76.33 317	eP	P	05 18 08.4	+0.7
WMQ			pP	pP	05 18 18.8	-0.6
WMQ	comp=Z,11nm,1.1s		pmax	pmax		
WMQ	comp=Z,150nm,4.1s		pmax	pmax		
WMQ	comp=Z,210nm,16.9s		LR	LR		
WMQ	comp=Z,280nm,19.5s		LR	LR		
WMQ	comp=Z,280nm,23.1s		LR	LR		
HYB	Hyderabad	76.87 289	iP	P	05 18 10.5	-0.7
SVW2	Sparrevohh	77.29 313	P	P	05 18 12.7	-0.2
SVW2			IAMB	IAMB	05 18 15.5	
CNPM	China Foot	78.22 26	P	P	05 18 16.8	-1.0
TIXI	Tiksi	78.55 352	eP	P	05 18 18.2	-1.2
TIXI			pmax	pmax		
PMR	comp=Z,14nm,1.1s		IAMB	IAMB	05 18 29.3	
PMR	Palmer	80.19 24	IAMB	IAMB	05 18 29.3	
GHO	Glory Hole Cre	80.37 24	IAMB	IAMB	05 18 38.4	
GHO	comp=Z,19nm,1.0s		IAMB	IAMB	05 18 38.4	
KTH	Kantlasha Hill	80.54 22	IAMB	IAMB	05 18 29.6	
KTH	comp=Z,16nm,1.0s		IAMB	IAMB	05 18 32.2	
TRF	Thorfare Moun	80.72 22	IAMB	IAMB	05 18 32.2	
TRF	comp=Z,12nm,0.9s		IAMB	IAMB	05 18 32.2	
MKAR	Makanchi Array	80.92 319	P	P	05 18 32.7	-0.1
MKAR	comp=Z,1.7nm,0.5s,baz=100,slow=7.0,SNR=24.3		P	P	05 52 58.6	
MKAR	Makanchi Array	80.92 319	eP	P	05 18 32.5	-0.3
MKAR			pmax	pmax		
MKAR	comp=Z,2.01nm,20.9s,baz=98,slow=35		pmax	pmax		
MKAR	Makanchi Array	80.92 319	eP	P	05 18 32.1	-0.7
MKAR			P	P	05 18 31.8	-0.6
MKAR	Indian Mountai	80.93 19	P	P	05 18 31.8	-0.6
IMAR	Indian Mountai	80.93 19	P	P	05 18 31.8	-0.6
IMAR			P	P	05 18 33.6	-0.3
MAKZ	Makanchi	81.13 319	P	P	05 18 33.6	-0.3
MAKZ			pmax	pmax		
MAKZ	comp=Z,13nm,1.1s		pmax	pmax		
MAKZ	Makanchi	81.13 319	P	P	05 18 33.6	-0.3
MAKZ	Reindeer	81.25 23	IAMB	IAMB	05 18 35.1	-0.3
MAKZ			IAMB	IAMB	05 18 35.1	-0.3
MLY	Manley	81.42 21	IAMB	IAMB	05 18 36.1	
MLY	comp=Z,18nm,1.1s		IAMB	IAMB	05 18 36.1	
ZALV	Zalovo Beam	81.78 326	P	P	05 18 35.9	-1.2
ZALV	Zalovo Beam	81.78 326	P	P	05 53 58.5	
ZALV	comp=Z,240nm,21.5s,baz=84,slow=35		LR	LR	05 18 36.0	-1.2
ZALV	Zalovo Beam	81.78 326	P	P	05 18 36.0	-1.2
ZALV	Zalovo Beam	81.78 326	P	P	05 18 39.2	
WRH	Wood River Hill	82.09 22	IAMB	IAMB	05 18 39.2	
WRH	comp=Z,13nm,1.0s		IAMB	IAMB	05 18 39.6	
CCB	Clear Creek Bu	82.28 22	IAMB	IAMB	05 18 39.6	
CCB	comp=Z,13nm,1.1s		IAMB	IAMB	05 18 39.6	
CRQM	Cirque	82.35 26	P	P	05 18 39.2	-1.0
CRQM	comp=Z,15nm,0.9s		P	P	05 18 40.9	
GLB	Gilalaha Butte	82.36 26	IAMB	IAMB	05 18 40.9	
GLB	comp=Z,15nm,0.9s		IAMB	IAMB	05 18 40.9	
TCOL	CIGO_UAF Jan	82.38 22	P	P	05 18 38.4	-1.6
TCOL	comp=Z,12nm,1.0s		P	P		

18d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Waymart, Warwick, Ste Agathe de, Shoreham, Florida, Kasperske Hory, etc.

IDC 18 05:13:32.3.1.0.201'30N:122'33E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.754, mbtrmp3.8/8, MS3.9/1, Ms1 3.9/1, ms1mx3.0/37, Error ellipse: s-maj=42.0km s-min=18.6km az=65.0

JMA 18 05:13:32.8.0.8.20'29N:121'78E, h25km, ML4.0 NEIC 18 05:13:33.4.2.2.20'31N:122'06E, h10km, 1km, mb4.1/2, Error ellipse: s-maj=13.9km s-min=7.3km az=235.0

MAN 18 05:13:38.2.20'11N:122'00E, h8km, mb5.1, ML4.1, MS4.1 MAN Intensity II - Basco Batanes.

ISC 18 05:13:34.6.0.7.20'33N:122'09E, h10km, n38, c251340, mb3.8/10, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Basco, Mt. Cagua, Conner, Pinlang, Yuli, Santa, Tapa, Cauayan, Suanglung, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 42.01, H11N3 WAKE ISLAND Hy 42.02, etc.

ATH 18 05:31:23.5.38'22N:20'42E, h15km, 1km, ML2.9/3, Error ellipse: s-maj=2.4km s-min=1.4km az=240.0

ISC 18 05:31:22.6.1.0.38'22N:20'40E, h19km, 2km, n14, c0570/27, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LXRA Lixouri, Keph, Livadi, Keph, Kipouria, Keph, Kardakata, Keph, etc.

TAP 18 05:31:59.3.23'95N:122'41E, h22km, 1km, ML3.4, M2.9 JMA 18 05:31:59.2.0.3.23'93N:122'44E, h18km, 4km, D.9

ISC 18 05:31:59.2.1.1.23'93N:122'43E, h20km, 6km, n71, c0541/106, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EOS1 EOS1, EOS1, JYNG Yonangijimaku, YOJ Yonangijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOZC Bozcaada, EZN Ezine, SIGR SIGRI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWPB, TWF1 Yuli, TWF1, TWT Tachien, etc.

ISK 18 06:09:34.8.39'79N:26'14E, h7km, ML2.6/13 ATH 18 06:09:34.7.39'78N:26'11E, h13km, 1km, ML2.0/4, Error ellipse: s-maj=3.2km s-min=1.1km az=260.0

ISC 18 06:09:34.6.0.9.39'78N:26'15E, h13km, 6km, n21, c0544/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOZC Bozcaada, EZN Ezine, SIGR SIGRI, etc.

ISK 18 06:16:30.6.37'58N:43'56E, h5km, ML3.8/14 DDA 18 06:16:30.5.37'56N:43'55E, h10km, 4km, ML3.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKZ, Kizimen, PAU, Pauzhetka, TUMD, Tumrok, etc.

IDC 18 07:30:56.5-4.3, 17.88N-120.46E, h0km, mb3.3/4, mb1 3.7/4, mb1mx3.2/60, mbtmp3.4/34, MS3.7/1, Ms1 3.7/1, ms1mx2.7/20, Error ellipse: s-maj=482.0km s-min=22.5km az=62.0, Luzon

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

NIC 18 07:35:46.0-0.0, 34.65N-33.51E, h7km, M12.7/4, G11 18 07:35:46.0-0.0, 34.68N-33.54E, h18km, Mm2.3/4, DDA 18 07:35:47.1, 34.76N-33.28E, h16km, 2km, M12.4, ISK 18 07:35:51.6, 35.01N-33.37E, h7km, M12.6/7

ISC 18 07:35:45.6-1.2, 34.67N-0.03-33.53E, h0.03, h13km, 9km, n43, r1928/66, 1C-1D, Cyprus region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASGA, CSS, MVOU, SZAC, LEF, etc.

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

IDC 18 07:58:28.6-3.5, 6.03S-134.57E, h0km, mb3.3/1, mb1 3.7/4, mb1mx3.5/26, mbtmp3.6/4, M13.5/3, Error ellipse: s-maj=157.1km s-min=28.3km az=76.0, Azores Islands region

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

STR 18 08:15:08.8-1.0, 50.50N-3.33E, h19km, 6km, M1V1.9/6, LDG 18 08:15:07.8-0.1, 49.67N-8.38E, h20km, M12.4/4, Error ellipse: s-maj=1.2km s-min=0.9km az=99.0, Germany

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

ISC 18 08:50:35.9-2.1, 20.39S-178.11W, h512km, 25km, mb3.7/17, mb1 3.9/19, mb1mx3.8/32, mbtmp4.5/19, Error ellipse: s-maj=16.8km s-min=12.2km az=130.0, NEIC 18 08:50:36.9-1.5, 20.45S-0.1-178.11W, 0.1, h527km, 7km, mb4.2/56, Error ellipse: s-maj=19.7km s-min=14.5km az=124.0

ISC 18 08:50:37.1-0.4, 20.44S-0.08-178.01W, h0.08, h534km, n120, r1926/118, mb4.2/41, 2C, Fiji Islands region

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

ISC 18 08:50:37.1-0.4, 20.44S-0.08-178.01W, h0.08, h534km, n120, r1926/118, mb4.2/41, 2C, Fiji Islands region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TOLK Toolik Lake Re, PMR Palmer, MCK McKinley, etc.

IDC 18 10:09:16.1±1.2, 37.40N:142.79E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.5/49, mbtmp3.5/9, ML3.1/2, Error ellipse: s-maj=27.8km s-min=21.7km az=128.0, JMA 18 10:09:17.6±0.2, 37.52N:142.63E, h18km, mb3.9, MSC 18 10:09:19.6±0.3, 37.50N:142.61E, h21km, n31, 1921/31, mb3.5/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JFK Kawauchi, etc.

Table with columns: KBL Kabul, KBL Nilore, KSH Kashi, etc. Includes stations like KBL Kabul, KBL Nilore, KSH Kashi, etc.

Table with columns: RAMN Ramite, AKTO Aktyubinsk, AKTO Aktyubinsk, etc. Includes stations like RAMN Ramite, AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

18D 10h

Table with columns: ILAR, Eielson Array, 73.96, 16, P, P, 10 22 44.7 +1.3. Includes various station codes and coordinates.

ANC 18 10:34:00.5, 0.9, 40.784N, 124.866W, h0km, ML3.9/17 Error ellipse: s-maj=10.5km s-min=4.6km az=75.0

ISC 18 10:33:58.5, 1.6, 40.747N, 125.070W, h0.63km, g1km, n251, 0.1955/246, mb4.2/23, MS3.5/15, Off coast of northern California

ISC 18 10:15:51.5, 1.2, 1.05N, 97.11E, h0km, mb4.2/9, mb1.4/3, 1.1, mb1mx4.0/39, mbtmp4.2/11, ML4.4, MS3.0/2, Ms1.3/2, ms1mx2.7/58, Error ellipse: s-maj=32.9km s-min=18.9km az=57.0

DJA 18 10:15:54.0, 0.8, 1.1N, 3.97E, h17km, 7km, M4.4/12, mb6.7/1, mb4.6/3, MLV4.3/12, Mw(mb)6.5/1

NEIC 18 10:15:57.6, 1.5, 1.17N, 0.106E, 97.18E, 0.4, h41km, g1km, mb4.2/10, Error ellipse: s-maj=10.5km s-min=1.6km az=110

ISC 18 10:15:55.6, 0.6, 1.12N, 0.005E, 97.15E, 0.7, h25km, n55, 0.1939/55, mb4.2/14, Northern Sumatara

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SNSI, SSSI, PPSI, etc.

NEIC 18 10:33:57.6, 2.2, 40.72N, 125.25W, 0.02, h10km, 1km, Error ellipse: s-maj=6.3km s-min=2.9km az=197.0

ISC 18 10:33:59.4, 0.7, 40.74N, 124.97W, h0km, mb4.0/15, mb1.4/22, mb1mx4.0/71, mbtmp3.9/22, ML3.7/6, MS3.5/20, Ms1.3/20, ms1mx3.5/52, Error ellipse: s-maj=11.3km s-min=8.8km az=13.0

NCEDC 18 10:33:59.3, 2.5, 40.69N, 125.33W, 0.07, h23km, 6km, Error ellipse: s-maj=11.3km s-min=8.8km az=13.0

Mw4.9, mb4.3/32(NEIC), Error ellipse: s-maj=8.0km s-min=4.8km az=58.0, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr1.15; Mw3.29; Mw2.14; Ms1.93; Ms3.51; Ms1.127;

ANC 18 10:34:00.5, 0.9, 40.784N, 124.866W, h0km, ML3.9/17 Error ellipse: s-maj=10.5km s-min=4.6km az=75.0

ISC 18 10:33:58.5, 1.6, 40.747N, 125.070W, h0.63km, g1km, n251, 0.1955/246, mb4.2/23, MS3.5/15, Off coast of northern California

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KCTM, KCTM, KCTM, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like NV11, E03A, VOG, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CNMP China Pool, BRKL Bradley Lake, G40A Rib Lake, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KR11 KEFI, KFL KFL, KFL Anninata, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AGG comp=N,6643um,0.6s, AGG comp=E,4917um,0.7s, etc.

IDC 18 10:38:06.5.5.1, 2.94S; 139.99E; h0km, mb3.9/2, mb1.4/3, mb1mx3.7/40, mbtmp4.1/3, ML4.2/1, Error ellipse: s-maj=196.8km s-min=29.8km az=89.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SMP1 Sarmi, GENI Genyem, BAKI Biak, etc.

BGR 18 10:42:54.7.0.0.36; 48N-21.02E; h33km, mb4.2, Ms3.1 PDG 18 10:43:01.3.0.6.37; 69N-21.29E; h14km, ML4.1/1/2, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LTK LTK, LTK Loutraki, LTK Loutraki, etc.

ATH 18 10:43:01.9.37.71N-21.39E; h24km, ML4.0/3/4, Error ellipse: s-maj=1.0km s-min=0.7km az=246.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like VTN Vitineika, AMT Artemida-Makis, AMT Artemida-Makis, etc.

KO3:35; 15.6:0.9.3'S; 4.13'9E; h10km, M3.9/4, ML3.9/4

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ANX Ano Chora, ANX Ano Chora, ANX Ano Chora, etc.

ISC 18 10:38:18.6.1.0.3; 04S; 0.09; 138.41E; 0.08; h62km, n6, s185/8, Irian Jaya

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LKD2 Lefkada Island, EVR Evrytania, EVR Evrytania, etc.

THE 18 10:43:02.9.37.71N-21.46E; h0km, ML4.1/2/2, Error ellipse: s-maj=1.7km s-min=0.6km az=258.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like VTN Vitineika, AMT Artemida-Makis, AMT Artemida-Makis, etc.

AGG comp=N,6643um,0.6s AML AML 10 44 59.2

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AOS Alonnissos, AOS Alonnissos, AOS Alonnissos, etc.

AGG comp=E,4917um,0.7s AML AML 10 43 28.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AOS Alonnissos, AOS Alonnissos, AOS Alonnissos, etc.

AGG comp=N,67um,0.3s AML AML 10 43 15.4

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AOS Alonnissos, AOS Alonnissos, AOS Alonnissos, etc.

18d 10h

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

2014 MAR

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

960

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Viseu, Ifrane, San Pablo, GORafe, Alboran, Berja, Mincorvo, etc.

IDC 18 12:25:56.2,6.5,51S,152.95E,h0km,mb3.4/3, mb1 3.7/3,mb1mx3.4/24,mbtmpp3.4/3,MS3.3/1,Ms1 3.3/1, ms1mx2.9/15, Error ellipse: s-maj=57.3km s-min=22.8km az=83.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kravat, Warramunga Arr, Alice Springs, Makanchi Array, etc.

IDC 18 12:27:37.2,1.4,58.87S,25.35W,h0km,mb4.0/2, mb1 4.2/3,mb1mx3.8/18,mbtmpp.1/3,ML4.3/1, Error ellipse: s-maj=50.9km s-min=42.6km az=6.0, NEIC 18 12:27:41.5,1.2,59.3S,0.2,25.1W,0.3,h35km,2km, mb4.5/8, Error ellipse: s-maj=32.6km s-min=17.8km az=22.0

ISC 18 12:27:39.8,0.7,59.4S,0.1x25.2W,0.2,h27km,n25, x128/27,mb4.5/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Hope Point, Neumayer-Stat, Snaa, Snaa, Snaa, etc.

IDC 18 12:48:39.2,1.7,12.87N,95.65E,h0km,mb3.5/5, mb1 3.7/6,mb1mx3.4/51,mbtmpp3.5/6,ML4.0/1, Error ellipse: s-maj=67.1km s-min=20.4km az=62.0, NEIC 18 12:48:43.1,1.7,12.88N,0.06,95.5E,0.1,h35km,2km, mb4.2/6, Error ellipse: s-maj=24.8km s-min=6.0km az=75.0

ISC 18 12:48:40.9,0.8,12.8N,0.1x95.5E,0.1,h18km,n18, x109/13,mb3.6/8, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sadao Pong, Chiang Mai Arr, Sime, Rantau Prapat, etc.

KRNET 18 12:49:12.6,0.1,41.49N,70.82E,mb2.9 SOME 18 12:49:12.4,4.1,18N,71.02E,h0km NINC 18 12:49:13.9,4.8,41.21N,71.12E,h0km,mb3.0,mpv2.8, Error ellipse: s-maj=37.4km s-min=15.0km az=10.0

ISC 18 12:49:15.1,1.2,41.23N,0.04,71.04E,0.03,h12km,11km, n13, x135/22,12C, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Iuzhny, Batken, Arslanbob, Karatay Array, etc.

IDC 18 13:19:01.0,1.3,20.02S,70.79W,h0km,mb3.9/4, mb1 4.1/6,mb1mx3.8/37,mbtmpp4.0/6,ML3.5/2,MS3.0/3, Ms1 3.0/3,ms1mx2.7/28, Error ellipse: s-maj=35.9km s-min=16.1km az=71.0, NEIC 18 13:19:03.2,1.6,20.23S,0.0,70.9W,0.1,h20km,6km, mb4.2/5, Error ellipse: s-maj=17.2km s-min=4.4km az=121.0

GUC 18 13:19:03.8,0.6,20.18S,70.98W,h39km,2km,ML3.7 ISC 18 13:19:02.7,1.4,20.18S,0.03,70.95W,0.06,h19km,4km, n41, x090/52,mb4.3/4,9C-AD, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Diego Aracena, Pisagua, Punta Patache, IPOC Station P, etc.

ATH 18 13:29:32.0,38.33N,20.40E,h15km,1km,ML3.2/10, Error ellipse: s-maj=1.9km s-min=0.7km az=181.0 THE 18 13:29:32.2,38.32N,20.42E,h14km,1km,ML3.4/8, Error ellipse: s-maj=1.2km s-min=0.3km az=244.0

ISC 18 13:29:31.4,0.9,38.33N,0.02,20.39E,0.03,h17km,2km, n40, x089/66, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Livadi, Kephall, Kardakata, Argostoli, etc.

JCU	comp=Z,78nm,0.4s,baz=283,slow=22,SNR=34	S	Sg	14 09 41.3	-2.7
AS31	comp=Z,36nm,0.7s,baz=290,slow=22,SNR=6.3	P	P	14 05 29.6	+0.7
ASAR	Alice Springs 29.27 160 P	P	P	14 05 29.6	+0.9
ASAR	comp=Z,2.4nm,0.4s,baz=334,slow=7.6,SNR=105	S	S	14 09 46.2	-0.1
ASAR	comp=Z,1.2nm,0.8s,baz=345,slow=14,SNR=8.0	S	ScP	14 11 14.6	+0.1
KRV7	comp=Z,1.3nm,0.4s,baz=338,slow=3.4,SNR=1.1	P	P	14 05 34.6	+2.1
JNU	Nakatsue 29.83 13 P	P	P	14 05 32.2	-1.3
JNU	comp=Z,7.0nm,0.8s,baz=179,slow=9.0,SNR=4.3	P	P	14 05 32.5	-1.0
JNU	Nakatsue 29.83 13 P	P	P	14 06 13.9	
XAN	comp=Z,63nm,1.5s	P	P	14 06 01.0	+1.4
XAN	Xi'an 32.86 337 P	pP	pP	14 07 25.3	+0.5
KSAR	Wonju Array Be 33.57 6 P	P	P	14 06 05.5	0.0
KSRS	Korea Array 33.59 6 P	P	P	14 06 05.5	0.0
MORW	Morawa 33.60 192 P	IAMB	IAMB	14 06 06.0	+0.1
MORW	comp=Z,3.1nm,0.5s,baz=179,slow=9.4,SNR=13	IAMB	IAMB	14 06 06.6	
KS19	Wonju Array Si 33.63 6 P	P	P	14 06 05.6	-0.4
INU	Inuyama 33.66 20 P	IAMB	IAMB	14 06 06.0	-0.3
INU	comp=Z,82nm,1.7s	IAMB	IAMB	14 06 48.8	
FORT	Forrest 34.82 173 P	P	P	14 06 17.1	+1.0
MAJO	Matsushiro 35.15 21 P	P	P	14 06 17.6	-1.2
MAJO	comp=Z,73nm,1.8s	IAMB	IAMB	14 07 45.6	
MAT	Matsushiro Arr 35.15 21 P	P	P	14 06 17.8	-1.0
MJAR	Matsushiro Arr 35.15 21 P	P	P	14 06 17.8	-1.0
MJAR	comp=Z,9.3nm,0.7s,baz=188,slow=8.5,SNR=22	P	P	14 06 16.9	-1.9
MJB9	Matsu-Tunnel 35.15 21 P	IAMB	IAMB	14 06 17.7	-1.1
MJB9	comp=Z,75nm,1.8s	IAMB	IAMB	14 07 45.5	
BJJ	Beijing 36.52 351 P	P	P	14 06 25.3	-4.8
LZH	Lanzhou 36.75 333 eP	P	P	14 06 32.0	-0.3
LZH	Kamikawa-asahi 43.41 20 eP	pP	pP	14 07 51.8	-7.7
LZH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 07 51.8	-7.7
NWAO	Narrogin (SRO) 37.16 189 P	P	P	14 06 36.2	+0.7
NWAO	comp=Z,12nm,0.6s,baz=35,slow=9.0,SNR=16	P	P	14 06 36.2	+0.7
HWC	Narrogin (SRO) 37.16 189 P	P	P	14 06 35.9	+0.5
NHAC	HU-ho-hao-te 38.27 345 eP	P	P	14 06 44.3	-0.3
BBOO	Buckleboob 38.46 163 P	IAMB	IAMB	14 07 40.8	
BBOO	comp=Z,87nm,2.0s	IAMB	IAMB	14 07 52.5	
STKA	Stephens Creek 39.58 155 P	P	P	14 06 56.9	+1.6
STKA	comp=Z,3.9nm,0.4s,baz=340,slow=8.3,SNR=20	P	P	14 06 56.9	+1.6
EIDS	Eidsvold 39.59 139 P	P	P	14 06 56.3	+0.9
EIDS	comp=Z,1.6nm,0.6s,baz=12,slow=19,SNR=4.3	IAMB	IAMB	14 08 19.5	
CN2	Changchun 39.72 2 eP	P	P	14 06 56.0	-0.1
USA0B	Ussuriysk Arra 40.77 9 P	P	P	14 07 04.4	-0.2
USA0B	comp=Z,57nm,1.9s	IAMB	IAMB	14 08 17.0	
USRK	Ussuriysk Arr 40.77 9 P	P	P	14 07 04.7	+0.1
USRK	comp=Z,0.4s,baz=191,slow=6.4,SNR=24	P	P	14 07 04.7	+0.1
ASAJ	Asahikawa 43.41 20 P	P	P	14 07 25.1	-0.4
ASAJ	comp=Z,1.8nm,0.6s,baz=233,slow=8.2,SNR=19.1	P	P	14 07 25.1	-0.4
KJKA	Kamikawa-asahi 43.41 20 eP	P	P	14 07 25.1	-0.4
YSS	Yuzh-Sakhalins 45.97 18 P	IAMB	IAMB	14 07 45.0	-0.1
YSS	comp=Z,68nm,1.8s	IAMB	IAMB	14 09 37.7	
ULN	Ulanbaatar 45.97 345 P	P	P	14 07 45.0	-0.3
SOMN	Songino Array 46.12 344 P	P	P	14 07 46.6	+0.1
SOMN	comp=Z,2.1nm,0.6s,baz=151,slow=9.3,SNR=8.3	P	P	14 07 46.6	+0.1
WOMQ	Songino Array 46.12 344 P	P	P	14 07 45.8	-0.7
SONI	Urungi 50.72 327 eP	P	P	14 08 21.8	+0.1
MK31	Makanchi Array 55.56 327 P	P	P	14 08 55.0	-0.3
MKAR	Makanchi Array 55.56 327 P	P	P	14 08 55.5	+0.3
MKAR	comp=Z,1.0nm,0.4s,baz=151,slow=8.5,SNR=15	P	P	14 08 55.5	+0.3
MKAR	Makanchi Array 55.56 327 P	P	P	14 08 55.1	-0.1
MKAR	Kashi 55.62 316 P	P	P	14 09 00.3	+4.4
KSH	comp=Z,47nm,1.8s	pP	pP	14 11 13.3	+6.0
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
KSH	comp=Z,1.0nm,0.4s,baz=151,slow=9.3,SNR=8.3	pP	pP	14 11 27.5	-1.4
MAKZ	Makanchi Array 55.56 327 P	P	P	14 08 56.1	-0.3
PEA0B	Petrovlovsk-FEA0B 56.49 24 P	IAMB	IAMB	14 09 02.0	+0.4
PETK	Petrovlovsk-FEA0B 56.49 24 P	IAMB	IAMB	14 09 02.0	+0.4
PETK	comp=Z,41nm,1.3s	IAMB	IAMB	14 09 02.0	+0.4
PETK	comp=Z,6.3nm,0.6s,baz=204,slow=3.8,SNR=28	IAMB	IAMB	14 09 02.2	+0.7
PETK	comp=Z,6.3nm,0.6s,baz=204,slow=3.8,SNR=28	IAMB	IAMB	14 09 02.2	+0.7
YAK	Yakutsk 58.13 3 P	P	P	14 09 12.3	-0.1
YAK	comp=Z,1.3nm,0.7s,baz=258,slow=0.8,SNR=14	P	P	14 09 12.3	-0.1
YAK	Yakutsk 58.13 3 P	P	P	14 09 11.9	-0.6
YAK	comp=Z,2.9nm,0.8s	IAMB	IAMB	14 09 13.5	
ZAA0	Zalesovo Array 58.95 334 P	P	P	14 09 17.1	-1.2
ZALV	Zalesovo Beam 58.95 334 P	P	P	14 09 17.2	-1.1
ZALV	comp=Z,0.7nm,0.6s,baz=133,slow=6.3,SNR=4.9	P	P	14 09 17.2	-1.1
ZALV	Zalesovo Beam 58.95 334 P	P	P	14 09 16.6	-1.6
KURK	Kurchatov 59.58 329 P	P	P	14 09 23.9	-0.3
TUWZ	Tuamariina 64.84 140 P	P	P	14 09 54.1	+0.2
BKZ	Black Stump Fm 64.94 137 P	P	P	14 09 59.2	+1.5
BKZ	comp=Z,47nm,1.8s	IAMB	IAMB	14 11 51.5	
TIXI	Tiksi 67.69 2 P	P	P	14 10 12.7	-1.4
NR1K	Norilsk 69.47 347 P	P	P	14 10 24.2	-0.7
NR1K	comp=Z,4.8nm,0.5s,baz=130,slow=6.4,SNR=12	P	P	14 10 24.2	-0.7
ABKAR	Akbulak array 69.94 321 P	P	P	14 10 27.1	-1.1
CASY	Casey 70.69 186 P	P	P	14 10 32.7	+0.5
CASY	comp=Z,57nm,1.9s	IAMB	IAMB	14 10 46.4	
AKTO	Aktyubinsk 71.48 322 P	P	P	14 10 36.9	-0.3
AKTO	comp=Z,1.0nm,0.4s,baz=101,slow=1.8,SNR=5.2	P	P	14 10 36.9	-0.3
UNV	Unalakula Valle 75.09 35 P	P	P	14 10 58.0	+0.3
KUT	Kutus 75.58 35 P	P	P	14 11 01.0	+0.5
JAM	Jorne 84.10 340 P	P	P	14 11 16.6	+0.8
IMAR	Indian Moutai 83.46 24 P	P	P	14 11 42.7	+0.8
MLY	Manley 84.65 25 P	P	P	14 11 48.3	+0.4
RND	Reindeer 85.44 27 P	P	P	14 11 51.4	-0.5
RND	comp=Z,28nm,1.7s	IAMB	IAMB	14 15 06.0	
ILAR	Eielson Array 86.29 25 P	P	P	14 11 54.4	-1.4
ILAR	comp=Z,0.7nm,0.5s,baz=240,slow=5.3,SNR=22	P	P	14 11 54.4	-1.4
BMAR	Burnt Mountain 87.12 23 P	P	P	14 11 59.9	+0.2
ARCES	ARCCESS Array B 89.11 340 P	P	P	14 12 07.7	-1.2
ARCES	comp=Z,5.6nm,1.1s,baz=67,slow=7.0,SNR=3.0	P	P	14 12 07.7	-1.2
FINES	FINCESS Array B 90.10 332 P	P	P	14 12 11.7	-1.9
PDAR	Pinedale Array 113.29 40 PKKPab	PKKPab	PKKPab	14 28 42.4	-3.4
PDAR	comp=Z,0.3nm,0.5s,baz=104,slow=6.5,SNR=3.5	PKKPab	PKKPab	14 28 42.4	-3.4
TXAR	Lajitas Array 123.99 51 PKP	PKP	PKP	14 18 09.6	+0.1
TXAR	comp=Z,0.4nm,0.7s,baz=236,slow=2.3,SNR=4.8	PKP	PKP	14 18 09.6	+0.1
U38A	Gravette 126.48 38	PKPdf	PKPdf	14 18 12.0	-2.0

NDT	baz=313	S	Sg	14 00 47.3	+0.4
TWD	Chiawan 0.34 208 eP	Pg	Pg	14 00 43.4	+0.5
NNSB	Datong baz=206	P	Pg	14 00 43.5	+0.1
NNSB	baz=277	S	Sg	14 00 48.0	0.0
NNSH	Datong baz=277	S	Pg	14 00 43.4	+0.1
NNSH	baz=277	S	Sg	14 00 47.8	-0.2
NNS	Nan Shan baz=279	iS	Sg	14 00 48.5	+0.1
EOSI	EOSI baz=62	P	Pg	14 00 43.6	0.0
EOSI	baz=62	eS	Sg	14 00 49.3	+0.9
YHNB	Yeheng baz=308	P	Pg	14 00 45.3	0.0
YHNB	baz=308	S	Sg	14 00 51.8	+0.5
NWLT	Wulat baz=308	eP	Pg	14 00 45.4	0.0
NWLT	baz=308	eS	Sg	14 00 51.9	+0.5
NSK	Sanguang baz=308	eS	Sg	14 00 52.1	+0.3
NSK	baz=308	eS	Sg	14 00 52.1	+0.3
DDA 18 14:02:24.9,38.12N,38.58E,h7km,3km,MW2.5 ISK 18 14:02:24.4,38.12N,38.56E,h12km,ML1.74 ISC 18 14:02:25.3,1.1,38.15N,10.04,38.60E,0.03,h10km,gkm, n9,085116,1Turkey					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
MALT	Malatya	0.21 320	PG Pg	14 02 29.9	0.0
MALT	Malatya	0.21 320	PG Pg	14 02 32.9	-0.1
ELZG	Elazig	0.46 41	iP Sb	14 02 34.4	0.0
ELZG	Elazig	0.46 41	iP Sb	14 02 42.1	-0.5
AKCD	Akkadag	0.56 286	iP Sb	14 02 36.0	-0.1
AKCD	Akkadag	0.56 286	iP Sb	14 02 34.0	+0.5
SVRC	Sivrice-ELAZID	0.60 67	PG Pg	14 02 37.4	+0.4
SVRC	Sivrice-ELAZID	0.60 67	PG Pg	14 02 46.9	+0.3
URFA	Urfa	0.73 166	PG Pg	14 02 38.7	-0.6
URFA	Urfa	0.73 166	PG Pg	14 02 49.1	+0.3
PTK	Pertek	0.97 40	PG Pg	14 02 43.9	-0.1
PTK	Pertek	0.97 40	PG Pg	14 02 58.7	-0.3
DARE	Darende-Malaty	0.98 296	PG Pg	14 02 43.2	-0.9
GZT	Gaziantep	1.14 226	iP Pn	14 02 47.8	+0.4
GZT	comp=E,17nm,0.3s	iS	Sn	14 03 04.0	
GZT	Mazidag	1.61 115	PN Pn	14 02 53.6	-0.3
IDC 18 14:02:35.8,1.9,1.84S:126.60E,h0km,mb3.6/2, mb1.3/9/3,mb1mx3/4/3,mbtmp3/7/3,ML3.7/1,Error ellipse: s-maj=162.9km s-min=25.6km az=65.0, Southern Molucca Sea					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
WRA	Warramunga Arr	19.52 158	P	14 07 05.7	-0.5
WRA	comp=Z,0.3s,baz=334,slow=11,SNR=6.3	P	P	14 07 05.7	-0.5
ASAR	Alice Springs	22.82 162	P	14 07 40.0	-0.6
ASAR	comp=Z,0.8nm,0.6s,baz=344,slow=10,SNR=4.0	P	P	14 07 40.0	-0.6
MKAR	Makanchi Array	62.08 327	P	14 12 58.5	+0.1
MKAR	comp=Z,1.0nm,0.7s,baz=116,slow=5.5,SNR=7.2	P	P	14 12 58.5	+0.1
SJA 18 14:18:25.2,0.9,19.91S:71.49W,h10km,ML4.7,MW4.4 IDC 18 14:18:33.0,0.6,0.2,0.05S:70.67W,h0km,mb4.3/3/3, mb1.4/4/17,mb1mx4.3/2/2,mbtmp4.3/17,MS4.9/3,MS4.3/5, ML1.4/3/5,ms1mx3.8/2/6,Error ellipse: s-maj=20.7km s-min=11.3km az=58.0 NEIC 18 14:18:34.5,2.0,2.016S:0.05,70.84W,0.07,h9km,1km, mb4.9/64,MW4.9/19,Error ellipse: s-maj=10.7km s-min=8.8km az=269.0 NEIC 18 14:18:35.2,2.0,19S:70.79W,h9km,Moment Tensor Solution.					

18d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Point Hope, Kaye Shedlock, Mont Tremblant, etc.

NSSP 18 14:33:09.0, 38.788N:43.65E, h10km, Ms3.4
DDA 18 14:33:10.6, 38.85N:43.58E, h9km, 2km, MW4.0
TEH 18 14:33:10.5, 38.86N:43.53E, h8km, ML3.8
ISK 18 14:33:10.1, 38.79N:43.52E, h5km, ML4.0, 0.19
IDC 18 14:33:10.9, 1.2, 38.80N:43.61E, h0km, mb3.6/9,
m1 3.6/13, m1mx2.5/43, mbtmp3.5/13, ML2.9/4, MS3.0/4,
m1 3.0/4, m1mx2.5/43, Error ellipse: s-maj=19.4km,
s-min=10.1km az=148.0

2014 MAR

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

ISIC 18 14:33:11.3-1.1, 38.85N:01.4355E:0.02, h1km, 6km,
n106, s153/143, mb3.6/8, MS3.1/4, 8C-10D, Turkey
EAK comp=N, 827nm, 1.1s
BINGL BINGOL 1.88 274/P/Pn 14 33 42.2 +0.4
SENK Senkaya-Erzuru 1.94 332/P/Sn 14 33 45.4 +0.2
SVAN Silvan-Diyarba 1.97 250/SN 14 33 46.1 +0.2
SVAN Silvan-Diyarba 1.97 250/SN 14 33 47.7 +0.3
SVAN Silvan-Diyarba 1.97 250/SN 14 33 47.7 +0.3
KARO Kariyova-Bingo 2.00 284/PN 14 33 46.8 +0.2
AKDA Akdag 2.10 307/P/P 14 33 45.2 +0.2
ITBZ Tabriz 2.13 106/P/Pn 14 33 49.1 +0.9
ECAT Cat-ERZURUM 2.14 291/P/Pb 14 33 49.6 -1.3
ECAT Cat-ERZURUM 2.14 291/P/Pb 14 33 49.6 -1.3
STE Stepanavan 2.24 161/P/P 14 33 52.2 -0.4

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

SJA 18 14:35:54.6:0.7, 20.145S:71.01W, h25km, 3km, ML4.9,
MW5.1
IDC 18 14:35:55.4:0.5, 20.045S:70.62W, h0km, mb4.7/16,
mb1 4.8/21, mb1mx4.7/33, mbtmp4.6/21, ML3.9/5, MS4.3/18,
Ms1 4.3/18, ms1mx4.3/24, Error ellipse: s-maj=19.7km,
s-min=10.4km az=57.0
NEIC 18 14:35:56.9:1.9, 20.195S:0.05:70.79W:0.07, h14km, 1km,
mb5.2/168, Mw5.0/21, ML4.9(GUC), Error ellipse:
s-maj=10.4km s-min=8.6km az=27.0
GUC 18 14:35:56.5:0.7, 20.155S:70.94W, h43km, 2km, ML4.9
MOS 18 14:35:57.8:1.1, 20.101S:70.64W, h27km, mb5.2/24, Error
ellipse: s-maj=13.7km s-min=8.1km az=109.6
NEIC 18 14:35:58.4:2.0, 20.15S:70.84W, h14km, Moment Tensor
Solution. Moment tensor: Scale 10^16Nm; Mr:2.47;
Mw:0.32; Mw-2.15; Mw0.64; Mw0.148; Mw-2.52; Fault
plane solution: Ms3.79000x10^16 NP1:162.14000°,
s67.27000°, λ100.40000°. NP2:316.73000°, s24.88000°,
7.66.69000°. Principal axes: T 3.5775, Plg66.000°,
Azsm91.0000°; N 0.3953, Plg10.0000°, Azsm38.0000°; P
-3.9728, Plg220.000°, Azsm44.0000°
BJJ 18 14:35:59.0:0.2, 20.105S:70.80W, h20km, mb5.5/9,
Mw5.3/4, Ms7.5/05
VAO 18 14:36:00.5:1.0, 20.025S:70.71W, h0km, 7km, mb4.8
GCMT 18 14:36:01.8:0.2, 20.135S:0.02:71.10W:0.01, h2km,
MW5.1/102, Moment Tensor Solution. s59.672;
s102.c151; Duration: 0 Moment tensor: Scale 10^16Nm;
Mr:5.05; 18; Mw:0.04; 10; Mw:5.09; 13; Mw:0.32; 17;
Mw:0.86; 07; Mw:2.68; 19; Best double couple:
Ms5.80600x10^16 NP1:349.00000°, s31.00000°,
7.88.00000°. NP2:172.00000°, s59.00000°, λ91.00000°.
Principal axes: T 5.7170, Plg76.0000°, Azsm6.0000°; N
0.1810, Plg1.0000°, Azsm351.0000°; P -5.8950,
Plg14.0000°, Azsm261.0000°. 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, Az', Phase ID, Time, Res. Includes stations like Diego Aracena, Pisagua, Punta Patache, etc.

Table with columns for call sign, frequency, power, and other details. Includes stations like IPOC Station P, Chuzmiza, Limon Verde, and various local stations.

Table with columns for call sign, frequency, power, and other details. Includes stations like Santa Maria do, RREF, GUYANA, NORCIA, and various international and local stations.

Table with columns for call sign, frequency, power, and other details. Includes stations like S56A, S57A, T51A, R58B, WVT, and various international and local stations.

18d 14h

SSPA	Standing Stone	60.82	354	P	P	14 46 09.8 +1.4
SSPA	Standing Stone	60.82	354	P	P	14 46 09.7 +1.2
N60A	Cedar Hill Far	60.83	356	P	P	14 46 10.0 +1.5
P48A	Milroy	60.84	347	P	P	14 46 09.4 +0.8
N59A	State Game Lan	60.92	356	P	P	14 46 10.3 +1.1
O51A	Pataskala	60.97	350	P	P	14 46 10.0 +0.5
CCM	Cathedral Cave	60.98	342	P	P	14 46 09.0 -0.6
CCM	Cathedral Cave	60.98	342	P	P	14 46 09.0 -0.6
CCM	Cathedral Cave	60.98	342	P	P	14 46 11.1
CCM	Cathedral Cave	60.98	342	P	P	14 46 10.2 +0.5
N55A	Marion Center	61.08	353	P	P	14 46 11.1 +0.8
ACSO	Alum Creek Stn	61.12	349	P	P	14 46 10.7 +0.2
ACSO	Alum Creek Stn	61.12	349	P	P	14 46 12.1
ACSO	Alum Creek Stn	61.12	349	P	P	14 46 10.8 +0.4
N56A	West Decatur	61.14	354	P	P	14 46 11.6 +0.9
MNTX	Cornudas Mount	61.27	327	P	P	14 46 12.2 +0.5
MNTX	Cornudas Mount	61.27	327	P	P	14 46 11.9 +0.2
S39A	Bolivar	61.29	340	P	P	14 46 11.8 0.0
S39A	Bolivar	61.29	340	P	P	14 46 13.5
O49A	Covington	61.32	348	P	P	14 46 12.3 +0.4
O49A	Covington	61.32	348	P	P	14 46 12.1 +0.2
N53A	Lisbon	61.34	351	P	P	14 46 12.7 +0.7
N54A	Moraine Stn	61.38	352	P	P	14 46 13.0 +0.8
M58A	Price's Panora	61.42	355	P	P	14 46 13.3 +0.8
M59A	Waymart	61.52	356	P	P	14 46 14.3 +1.1
O48A	Farmland	61.55	348	P	P	14 46 14.1 +0.6
N50A	Nevada	61.67	349	P	P	14 46 14.6 +0.4
N51A	Ashland	61.69	350	P	P	14 46 14.7 +0.4
M56A	Emporium	61.69	354	P	P	14 46 15.1 +0.8
T35A	Sooner Cattle	61.71	337	P	P	14 46 15.2 +0.6
T35A	Sooner Cattle	61.71	337	P	P	14 46 17.4
M55A	Ridgway	61.73	353	P	P	14 46 14.2 -0.4
M55A	Ridgway	61.73	353	P	P	14 46 14.8 +0.2
L64A	Middleborough	61.76	0	P	P	14 46 16.2 +1.5
M54A	Oil Creek Stat	61.88	352	P	P	14 46 15.1 -0.6
M54A	Oil Creek Stat	61.88	352	P	P	14 46 15.4 -0.2
VNA3	Neumayer Olymp	61.94	161	P	P	14 46 17.4 +1.7
M53A	WI Miller and	61.94	352	P	P	14 46 16.8 +0.8
P43A	Skaggs, Pawnee	61.98	344	P	P	14 46 15.5 -0.8
N49A	Columbus Grove	62.00	349	P	P	14 46 15.7 -0.7
N49A	Columbus Grove	62.00	349	P	P	14 46 15.5 -0.9
L58A	Harry Jones Me	62.05	356	P	P	14 46 17.6 +0.9
SFIN	Lafayette	62.08	346	P	P	14 46 16.5 -0.5
SFIN	Lafayette	62.08	346	P	P	14 46 16.5 -0.5
N48A	Decatur	62.10	348	P	P	14 46 17.0 -0.1
L59A	Walton	62.14	356	P	P	14 46 18.6 +1.2
L59A	Walton	62.14	356	P	P	14 46 18.5 +1.1
M52A	Chesterland	62.14	351	P	P	14 46 17.9 +0.5
O44A	Mansfield	62.19	345	P	P	14 46 17.6 -0.2
BINY	Binghamton	62.21	356	P	P	14 46 18.9 +1.0
BINY	Binghamton	62.21	356	P	P	14 46 19.1 +1.2
N47A	Urbana	62.26	347	P	P	14 46 18.1 0.0
N47A	Urbana	62.26	347	P	P	14 46 18.0 -0.2
M50A	Fremont	62.27	350	P	P	14 46 18.3 +0.1
L56A	Greenwood	62.27	354	P	P	14 46 19.0 +0.7
L56A	Greenwood	62.27	354	P	P	14 46 21.0
L56A	Greenwood	62.27	354	P	P	14 46 19.1 +0.8
L61B	Northampton	62.30	358	P	P	14 46 19.5 +1.1
HRV	Adam Dziejewski	62.34	359	P	P	14 46 20.2 +1.6
L53A	Girard	62.39	352	P	P	14 46 19.8 +0.7
L55A	Hinsdale	62.41	354	P	P	14 46 20.0 +0.8
M49A	Liberty Center	62.50	349	P	P	14 46 20.3 +0.6
ERPA	Erie	62.52	352	P	P	14 46 20.4 +0.5
ERPA	Erie	62.52	352	P	P	14 46 20.5 +0.6
VNA2	Neumayer-Watz	62.52	161	P	P	14 46 21.2 +1.6
K61A	Williamstown	62.54	358	P	P	14 46 21.2 +1.2
L54A	Sinclairville	62.55	353	P	P	14 46 20.7 +0.5
TRY	Troy	62.61	358	P	P	14 46 21.6 +1.2
WVNY	West Valley, N	62.65	354	P	P	14 46 21.3 +0.6
M47A	Cromwell	62.71	348	P	P	14 46 21.3 +0.2
K59A	Cooperstown	62.71	357	P	P	14 46 22.2 +1.0
K59A	Cooperstown	62.71	357	P	P	14 46 22.0 +0.6
K58A	Earlville	62.75	356	P	P	14 46 22.1 +0.6
K58A	Earlville	62.75	356	P	P	14 46 22.0 +0.6
K57A	Scipio Center	62.78	355	P	P	14 46 22.4 +0.8
HDIL	Hopedale	62.78	344	P	P	14 46 21.4 -0.2
HDIL	Hopedale	62.78	344	P	P	14 46 21.3
HDIL	Hopedale	62.78	344	P	P	14 46 21.8 +0.1
K56A	Middlesex	62.81	355	P	P	14 46 22.8 +0.9
L50A	Kingsville	62.85	350	P	P	14 46 22.5 +0.4
K54A	Basiliko Farm	62.85	353	P	P	14 46 23.0 +0.8
K55A	Perry	62.91	354	P	P	14 46 23.4 +0.9
L48A	N Adams	63.04	349	P	P	14 46 24.0 +0.7
J60A	Lant Hill Farm	63.11	358	P	P	14 46 25.2 +1.3
121A	Cookes Peak, D	63.18	325	P	P	14 46 26.6 +1.8
L47A	Sherwood	63.22	348	P	P	14 46 24.7 +0.2
N41A	Harden Midland	63.34	343	P	P	14 46 24.8 -0.6
J56A	Wolcott	63.34	355	P	P	14 46 25.4 +0.1
J56A	Wolcott	63.34	355	P	P	14 46 25.6 +0.3
MEDO	Medina	63.38	354	P	P	14 46 26.0 +0.4
MEDO	Medina	63.38	354	P	P	14 46 27.9
J59A	Plesco	63.38	357	P	P	14 46 25.8 +0.1
J59A	Plesco	63.38	357	P	P	14 46 28.5
J59A	Plesco	63.38	357	P	P	14 46 26.4 +0.8
J57A	Williamstown	63.41	356	P	P	14 46 26.2 +0.4
J57A	Williamstown	63.41	356	P	P	14 46 28.7
J57A	Williamstown	63.41	356	P	P	14 46 26.8 +1.0
J55A	Hilton	63.42	354	P	P	14 46 25.1 -0.7
J55A	Hilton	63.42	354	P	P	14 46 26.0 +0.2

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I58A	Old Forge	63.63	357	P	P	14 46 28.0 +0.7
J52A	Paris	63.69	352	P	P	14 46 27.9 +0.3
I60A	Sheffham	63.71	358	P	P	14 46 28.8 +1.1
I64A	Boothbay	63.76	1	P	P	14 46 29.7 +1.7
I61A	Oroboro, Fairl	63.77	359	P	P	14 46 29.9 +1.7
K48A	Perry	63.82	349	P	P	14 46 28.4 0.0
K47A	Vermontville	63.85	348	P	P	14 46 29.3 +0.6
I57A	Carthage	63.92	356	P	P	14 46 30.0 +0.9
PECO	Prince Edward	64.01	355	P	P	14 46 29.8 +0.2
PECO	Prince Edward	64.01	355	P	P	14 46 32.0
LBNH	Lisbon	64.07	359	P	P	14 46 31.8 +1.7
SNA	Sanae	64.15	161	P	P	14 46 32.0 +1.5
SNA	Sanae	64.15	161	P	P	14 46 31.3 +0.8
SNA	Sanae	64.15	161	P	P	14 46 30.6 +0.2
SNA	Sanae	64.15	161	P	P	14 46 41.5
J49A	Marlette	64.19	350	P	P	14 46 31.4 +0.5
J48A	Bridge Port	64.24	350	P	P	14 46 31.6 +0.4
I51A	Listowel	64.31	352	P	P	14 46 32.0 +0.3
H58A	Gabriels	64.32	357	P	P	14 46 32.4 +0.6
I55A	Frankford	64.35	355	P	P	14 46 32.3 +0.4
J47A	Summer	64.36	349	P	P	14 46 31.4 -0.7
J47A	Summer	64.36	349	P	P	14 46 32.7 +0.7
H61A	Lynnville	64.37	359	P	P	14 46 33.0 +0.9
ANMO	Albuquerque	64.39	328	P	P	14 46 33.7 +1.0
H57A	Richville	64.42	356	P	P	14 46 33.5 +1.1
I52A	Shelburne	64.46	353	P	P	14 46 32.9 +0.2
H63A	New Sharon	64.49	1	P	P	14 46 34.1 +1.3
H59A	Cadyville	64.52	358	P	P	14 46 34.0 +1.0
LONY	Lake Ozonia	64.54	357	P	P	14 46 34.2 +1.0
H65A	Satbrook	64.56	2	P	P	14 46 34.9 +1.6
H56A	Elgin	64.61	356	P	P	14 46 34.5 +0.9
H55A	Tweed	64.64	355	P	P	14 46 34.6 +0.8
L40A	Anamosa	64.70	343	P	P	14 46 34.6 +0.3
I49A	Point Hope	64.71	350	P	P	14 46 35.9
I49A	Point Hope	64.71	350	P	P	14 46 35.9
I49A	Point Hope	64.71	350	P	P	14 46 34.6 +0.4
FRNY	Flat Rock	64.71	358	P	P	14 46 35.0 +0.8
FRNY	Flat Rock	64.71	358	P	P	14 46 36.6
H53A	Bobcaygeon	64.79	354	P	P	14 46 35.5 +0.7
G60A	Masonville	64.94	359	P	P	14 46 37.6 +1.8
G59A	Clarenceville	64.94	358	P	P	14 46 37.3 +1.5
G63A	Kingsbury	64.95	1	P	P	14 46 37.5 +1.6
G57A	Newington	65.04	357	P	P	14 46 37.4 +1.0
SADO	Sadowa	65.04	353	P	P	14 46 36.6 +0.2
SADO	Sadowa	65.04	353	P	P	14 46 37.7
G58A	Ormsdown	65.04	357	P	P	14 46 37.6 +1.2
G62A	West of Eustis	65.04	0	P	P	14 46 37.3 +0.8
G62A	West of Eustis	65.04	0	P	P	14 46 37.6 +1.1
I48A	Sherman Twp	65.09	350	P	P	14 46 36.4 -0.3
G65A	Princeton	65.09	3	P	P	14 46 38.1 +1.3
PKME	Peaks-Kenny Pk	65.11	1	P	P	14 46 38.2 +1.4
G64A	Maxfield	65.11	2	P	P	14 46 38.0 +1.2
G61A	St-Amande-de-	65.11	359	P	P	14 46 38.6 +1.7
SCIA	State Center	65.12	342	P	P	14 46 37.3 +0.3
T25A	Trinidad	65.18	331	P	P	14 46 38.7 +1.0
JFWS	Jewell Farm	65.24	344	P	P	14 46 38.0 +0.2
JFWS	Jewell Farm	65.24	344	P	P	14 46 38.0 +0.2
JFWS	Jewell Farm	65.24	344	P	P	14 46 38.0 +0.2
JFWS	Jewell Farm	65.24	344	P	P	14 46 39.3
JFWS	Jewell Farm	65.24	344	P	P	14 46 38.0 +0.2
G55A	Gallogie	65.30	355	P	P	14 46 38.9 +0.8
G53A	Haliburton	65.33	354	P	P	14 46 38.8 +0.4
F63A	Nahmakanta, Br	65.55	1</			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AODB Aquidauana, SALV Santo Antonio, CLDB Colider, etc.

IDC 18 15:09:53.1, 2.3, 22.76N, 12.11W, h0km, mb3.6/3, mb1.3/6.4, mb1mx3.4/37, mbtmp3.6/4, ML3.3/1, MS4.1/4, Ms1.1/4, ms1mx3.2/51, Error ellipse: s-maj=59.0km s-min=36.9km az=66.0

NEIC 18 15:09:55.2, 1.0, 22.6N, 0.1, 12.0W, 0.1, 1.5hkm, 7km, mb4.1/4, Error ellipse: s-maj=24.2km s-min=13.5km az=214.0

ISC 18 15:09:58.7, 1.2, 23.82N, 0.07, 11.0W, 0.1, h10km, n28, 63.10/24, mb3.8/4, MS4.2/4, Mauritania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TANT Tantan, MACI Morro de la Ar, TTIG Trine Tigouga, etc.

IDC 18 15:20:32.0, 1.1, 10.82S, 161.42E, h0km, mb3.9/8, mb1.4/0.10, mb1mx3.8/44, mbtmp3.9/10, ML3.6/3, MS3.7/3, Ms1.3/7.3, ms1mx3.1/35, Error ellipse: s-maj=26.3km s-min=23.0km az=90.0

NEIC 18 15:20:37.3, 1.1, 10.8S, 0.1, 161.4E, 0.1, h37km, 9km, mb4.6/8, Error ellipse: s-maj=23.6km s-min=11.7km

az=59.0, ISC 18 15:20:35.0, 0.8, 10.87S, 0.09, 161.4E, 0.1, h28km, n24, s125/24, mb4.0/10, Bougainville-Solomon Islands

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

SJA 18 15:26:27.8, 0.5, 19.69S, 70.92W, h19km, 2km, ML4.0, MW4.0

NEIC 18 15:26:29.4, 1.4, 19.74S, 0.05, 70.98W, 0.08, h19km, 4km, mb4.6/4, Error ellipse: s-maj=11.4km s-min=7.9km az=84.0

IDC 18 15:26:31.5, 4.6, 19.73S, 70.85W, h34km, 37km, mb3.7/6, mb1.3/9.10, mb1mx3.7/41, mbtmp3.8/10, ML3.4/4, MS3.2/7, Ms1.3/2.7, ms1mx2.9/32, Error ellipse: s-maj=36.3km s-min=20.2km az=95.0

GUC 18 15:26:32.1, 0.7, 19.80S, 70.82W, h43km, 2km, ML3.8, ISC 18 15:26:31.3, 1.4, 19.76S, 0.03, 70.87W, 0.06, h31km, 10km, n55, s118/62, MS3.5/3, 8C-4D, Near coast of northern Chile

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

YJA Yavi, 5.55 117 eP, Pn, 15 27 55.0 +2.8, 15 29 29.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AZAP Zapla, SIV San Ignacio, SIV San Ignacio, etc.

JMA 18 15:29:32.6, 0.1, 28.55N, 140.39E, h451km, M3.9, NEIC 18 15:29:33.6, 1.1, 28.35N, 0.08, 139.73E, 0.09, h456km, 5km, mb4.3/7.2, Error ellipse: s-maj=13.8km s-min=9.7km az=138.0

IDC 18 15:29:33.0, 2.0, 28.35N, 139.79E, h451km, 6km, mb3.4/30, mb1.3/3.97, mb1mx3.4/70, mbtmp4.3/37, Error ellipse: s-maj=11.9km s-min=7.4km az=88.0

ISC 18 15:29:32.5, 0.4, 28.37N, 0.05, 139.85E, 0.07, h443km, 3km, h444km, pP, n152, s193/176, mb4.2/60, 2C, Bonin Islands region

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

18d 19h

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

2014 MAR

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

978

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

GUN	comp=Z,4.6nm,0.4s	34.19 284	eP	P	19 31 05.8 +0.4
JAGI	comp=Z,6.6nm,0.4s	34.48 197	P	IAMB	19 31 06.2 -1.3
JAGI	comp=Z,13nm,0.7s	34.63 283	eP	P	19 31 09.0
PKI	Pulchoki	34.63 283	eP	P	19 31 09.6 +0.4
PKIN	Phulchoki	34.65 283	eP	P	19 31 09.5 +0.3
DMN	Daman	34.90 283	eP	P	19 31 12.3 +0.9
WOJI	Wonogiri, Jawa	34.90 203	P	P	19 31 12.1 +1.0
MDSI	Maura Dua	34.96 216	P	P	19 31 12.1 +0.5
WMQ	Urumqi	35.08 312	eP	P	19 31 13.8 +1.3
WMQ	comp=Z,10.0nm,0.9s		pmax	pmax	
UGM	Wanagama	35.12 204	P	P	19 31 13.4 +0.4
KPJI	Karang Putung	35.20 207	P	P	19 31 16.4 +2.7
GKN	Gorkha	35.28 284	eP	P	19 31 15.4 +0.8
YNAI	Manna	35.52 218	P	P	19 31 16.9 +0.4
CISI	Cismpet, Garu	35.87 208	P	P	19 31 18.1 +1.2
YAK	Yakutsk	37.36 41	iP	pmax	19 31 30.4 -1.2
YAK	Yakutsk	37.36 4	P	IAMB	19 31 29.8 -1.8
DGZ	Jazzator, Alta	37.66 321	iP	P	19 31 34.6 +0.1
DGZ	comp=Z,9.0nm,1.7s		pmax	pmax	
PEAOB	Petrovavlovsk-	37.90 33	P	IAMB	19 31 35.6 -0.6
PEAOB	comp=Z,4.1nm,1.4s		P	IAMB	19 32 12.5
PEAOB	Petrovavlovsk-	37.90 33	P	PnPn	19 33 08.5 +2.0
PETK	comp=Z,2.0nm,0.6s,baz=210,slow=4.1,SNR=5.9		P	P	19 31 35.4 -0.9
PETK	Petrovavlovsk-	37.90 33	P	P	19 31 35.1 -1.1
PETK	comp=Z,2.0nm,0.6s		P	PnPn	19 33 08.4 +1.9
MTN	Manton Dam	38.11 169	P	P	19 31 37.1 -1.3
PET	Petrovavlovsk	38.33 34	eP	S	19 31 38.1 -1.7
PET	comp=Z,3.2nm,0.4s		pmax	pmax	
PET	Petrovavlovsk	38.33 34	P	P	19 31 38.3 -1.5
MK31	Makanchi Array	39.67 314	IAMB	IAMB	19 31 50.7 -0.6
MK31	comp=Z,5.5nm,0.5s				19 31 51.9
MK31	Makanchi Array	39.67 314	P	PwP	19 32 12.5 -1.0
MKAR	comp=Z,4.7nm,0.3s,baz=100,slow=9.4,SNR=123				19 31 51.0 -0.3
MKAR	comp=Z,3.1nm,0.6s,baz=96,slow=11,SNR=4.3				19 32 09.9 -0.8
MKAR	comp=Z,0.3nm,0.7s,baz=94,slow=5.3,SNR=2.6		ScP	ScP	19 37 37.7 0.0
MKAR	comp=Z,3.2nm,18.4s,baz=100,slow=33		LR	LR	19 50 08.4
MKAR	Makanchi Array	39.67 314	P	P	19 31 50.1 -1.1
MKAR	comp=Z,3.2nm,18.4s,baz=100,slow=33		P	PwP	19 32 12.5 -1.0
MAKZ	Makanchi	39.88 314	IAMB	IAMB	19 31 52.4 -0.6
MAKZ	comp=Z,12nm,0.6s				19 31 54.0
MAKZ	comp=Z,12nm,0.6s		PwP	P	19 32 14.1 -1.1
KNRG	Kununurra	40.55 173	P	P	19 31 57.8 -0.9
PMG	Port Moresby	40.86 144	iP	pmax	19 32 01.8 +0.5
PMG	comp=Z,1.47nm,1.2s		pmax	pmax	
PMG	Port Moresby	40.86 144	P	IAMB	19 32 00.2 -1.1
ZAAO	Zalesovo Array	41.11 325	P	IAMB	19 32 01.7 -1.3
ZAAO	comp=Z,1.1nm,0.7s				19 32 02.8
ZAAO	Zalesovo Beam	41.11 325	P	P	19 32 22.7 +0.1
ZALV	comp=Z,1.7nm,0.7s,baz=118,slow=8.1,SNR=69		P	P	19 32 02.0 -1.0
ZALV	comp=Z,6.2nm,0.6s,baz=113,slow=8.1,SNR=6.0		P	P	19 32 22.5 -0.1
ZALV	comp=Z,3.8nm,19.9s,baz=128,slow=57		LR	LR	19 50 02.4
ZALV	Zalesovo Beam	41.11 325	P	P	19 32 01.5 -1.4
ZALV	comp=Z,1.7nm,0.7s,baz=118,slow=8.1,SNR=69		P	P	19 32 22.9 +0.4
KSH	Kashi	42.70 302	P	P	19 32 19.9 +3.6
KSH	comp=Z,12nm,0.8s		P	S	19 32 43.3 -2.1
KSH	comp=Z,12nm,0.8s		P	P	19 34 05.0 -1.7
KSH	comp=Z,12nm,0.8s		P	P	19 32 01.3 +2.3
KSH	comp=Z,12nm,0.8s		P	P	19 32 37.8 +4.1
KSH	comp=Z,12nm,0.8s		P	P	19 41 45.8 -1.2
KSH	comp=Z,20nm,1.1s		pmax	pmax	
KSH	comp=Z,180nm,4.4s		LR	LR	
KSH	comp=Z,270nm,15.0s		LR	LR	
KSH	comp=Z,190nm,9.7s		LR	LR	
KSH	comp=Z,84nm,11.8s		LR	LR	
FITZ	Fitzroy Crossi	42.72 178	P	P	19 32 16.0 -0.4
FITZ	comp=Z,7.7nm,0.7s,baz=102,slow=8.1,SNR=40		P	P	19 32 15.4 -0.9
FITZ	Fitzroy Crossi	42.72 178	P	IAMB	19 32 16.6
FITZ	comp=Z,26nm,0.9s		P	P	19 32 18.4 +0.7
COEN	Coen	42.87 152	P	P	19 32 20.2 -0.2
KURK	Kurchatov	43.28 319	iP	pmax	
KURK	comp=Z,9.0nm,1.1s		P	IAMB	19 32 19.4 -1.0
KURK	comp=Z,23nm,1.4s		P	P	19 32 20.7
KURK	comp=Z,2.3nm,1.4s		PwP	P	19 32 41.1 +1.0
AAK	Ala-Archa	44.16 306	P	P	19 32 28.9 +0.9
AAK	comp=Z,0.8nm,0.4s,baz=111,slow=8.6,SNR=8.3		P	P	19 34 12.0 -0.3
AAK	comp=Z,1.0nm,0.6s,baz=153,slow=2.8,SNR=2		ScP	ScP	19 37 55.5 -0.4
AAK	Ala-Archa	44.16 306	iP	pmax	19 32 29.1 +1.1
AAK	comp=Z,1.0nm,0.8s		P	P	19 32 28.6 +0.6
AAK	Nilore	44.76 293	P	P	19 32 33.1 +0.3
ARSB	Arsianbob	45.14 304	P	P	19 32 35.9 +0.1
WBD	Warramunga Arr	45.49 166	IAMB	IAMB	19 32 38.1 -0.4
WRAB	Tennant Creek	45.64 166	iP	pmax	19 32 39.5
WRAB	comp=Z,20nm,0.9s		pmax	pmax	
WRAB	Tennant Creek	45.64 166	P	IAMB	19 32 39.6 -1.0
WRAB	comp=Z,1.7nm,0.7s		P	P	19 32 40.7
WRA	Warramunga Arr	45.65 166	P	P	19 32 39.7 -0.1
WRA	comp=Z,1.2nm,0.6s,baz=347,slow=8.2,SNR=152		P	P	19 32 59.2 -1.1
WRA	Warramunga Arr	45.65 166	P	P	19 32 38.4 -1.4
WRA	comp=Z,1.1nm,0.9s,baz=347,slow=8.2,SNR=10		P	P	19 32 58.8 -1.5
WRA	Warramunga Arr	45.65 166	P	P	19 32 39.4 -0.4
WB2	Warramunga Arr	45.65 166	P	P	19 32 40.9
WB2	comp=Z,27nm,0.9s		P	P	19 32 58.4 -1.9
WR0	Warramunga Arr	45.71 166	P	IAMB	19 32 39.7 -0.5
WR0	comp=Z,32nm,1.1s		P	P	19 32 41.3
WR0	comp=Z,32nm,1.1s		P	P	19 32 59.5 -1.3
PSA00	Pilbara Seismi	46.32 185	P	P	19 32 44.4 -0.6
PSA00	Pilbara Seismi	46.32 185	P	IAMB	19 32 44.1 -0.9
PSA00	comp=Z,3.7nm,0.8s		P	P	19 32 45.2
TIXI	Tiksi	46.91 2	iP	pmax	19 32 47.4 -1.6
TIXI	comp=Z,4.0nm,0.6s		pmax	pmax	
TIXI	Tiksi	46.91 2	P	IAMB	19 32 46.7 -2.3
TIXI	comp=Z,5.4nm,0.5s		P	IAMB	19 32 48.4
TIXI	Karatay Array	47.12 307	P	P	19 34 19.3 -1.0
KK31	comp=Z,1.3nm,0.7s		P	P	19 32 51.0 -0.2
KK31	comp=Z,1.9nm,0.8s		P	P	19 34 20.8 -0.9

KKAR	Karatay Array	47.12 307	P	P	19 32 51.7 +0.5
KKAR	comp=Z,1.3nm,0.7s		P	P	19 34 21.5 -0.2
KKAR	Karatay Array	47.12 307	P	P	19 32 51.5 +0.4
KKAR	comp=Z,1.3nm,0.7s		P	P	19 34 21.2 -0.5
GIRL	Giralia	48.16 192	P	P	19 32 59.7 +0.5
KBL	Kabul	48.20 295	IAMB	IAMB	19 33 00.9 +0.1
KBL	comp=Z,14nm,1.1s		IAMB	IAMB	19 33 02.2
BRVK	Borovyoye	48.87 320	iP	pmax	19 33 04.3 -0.1
BRVK	comp=Z,5.0nm,0.8s		pmax	pmax	
BRVK	Borovyoye	48.87 320	P	P	19 33 04.4 -0.1
AS31	Alice Springs	49.18 168	P	P	19 33 07.9 +0.8
ASAR	Alice Springs	49.18 168	P	P	19 33 07.6 +0.5
ASAR	comp=Z,1.1nm,0.7s,baz=349,slow=6.9,SNR=159		P	P	19 33 07.9 +0.8
ASAR	comp=Z,3.4nm,0.8s,baz=353,slow=7.0,SNR=3.9		P	P	19 33 27.2 -0.7
ASAR	comp=Z,1.6nm,0.5s,baz=340,slow=3.0,SNR=4.2		P	P	19 34 28.8 -0.5
ASAR	comp=Z,0.3nm,0.7s,baz=350,slow=4.2,SNR=3.0		ScP	ScP	19 38 16.2 -0.7
ASAR	Alice Springs	49.18 168	P	P	19 33 07.7 +0.5
ASAR	comp=Z,1.6nm,0.5s,baz=340,slow=3.0,SNR=4.2		P	P	19 33 27.4 -0.5
ASAR	comp=Z,1.6nm,0.5s,baz=340,slow=3.0,SNR=4.2		P	P	19 34 29.2 0.0
NRIK	Noril'sk	49.45 344	P	P	19 33 08.3 -0.3
NRIK	comp=Z,3.3nm,0.5s,baz=118,slow=8.6,SNR=7.4		P	P	19 33 08.3 -0.3
NRIK	comp=Z,4.8nm,0.8s,baz=131,slow=7.4,SNR=3.5		P	P	19 33 28.2 -0.5
NRIK	comp=Z,5.6nm,18.4s,baz=148,slow=39		LR	LR	19 56 33.8
MORW	Morawa	54.15 189	P	IAMB	19 33 43.5 -0.5
MORW	comp=Z,14nm,0.9s		IAMB	IAMB	19 33 44.6
ABKAR	Akbulak array	54.82 314	P	P	19 33 48.7 -0.1
ABKAR	comp=Z,1.1nm,0.7s		PwP	PwP	19 34 12.9 +1.0
SVE	Sverdlovsk	55.03 323	eP	pmax	19 33 50.2 0.0
SVE	comp=Z,19nm,0.6s		pmax	pmax	
FORT	Forrest	55.45 176	P	P	19 33 53.8 +0.4
FORT	comp=Z,19nm,0.6s		P	P	19 34 23.9 +0.3
ARU	Arti	56.13 323	cP	P	19 33 56.7 -1.3
ARU	comp=Z,1.6nm,0.7s,baz=345,slow=6.1,SNR=46		P	P	19 34 51.9
ARU	Arti	56.13 323	P	P	19 35 58.4
ARU	comp=Z,1.4nm,0.5s		S	S	19 41 41.1 +0.7
ARU	Arti	56.13 323	P	pmax	19 45 22.7 -4.9
EIDS	Eidsvold	56.38 150	P	P	19 33 57.5 -0.6
GAMB	Gambell	56.67 300	P	P	19 34 00.1 0.0
GAMB	comp=Z,1.6nm,0.7s,baz=345,slow=6.1,SNR=46		P	P	19 34 02.8 +1.1
GEYT	Geit	56.67 300	P	P	19 34 03.4 +1.1
GEYT	comp=Z,6.5nm,0.6s,baz=90,slow=1.4,SNR=19		P	P	19 34 24.2 -1.4
GEYT	comp=Z,2.7nm,0.8s,baz=62,slow=8.5,SNR=2.9		P	P	19 34 03.5 +1.2
GYAOB	ALIBECK ARRAY	56.87 300	P	IAMB	19 34 03.2 +1.0
GYAOB	comp=Z,2.8nm,0.8s		IAMB	IAMB	19 34 04.2
NWAO	Narrogin (SRO)	57.82 187	P	P	19 34 10.3 +0.2
NWAO	Narrogin (SRO)	57.82 187	P	IAMB	19 34 10.4 +0.3
NWAO	comp=Z,2.8nm,0.8s		IAMB	IAMB	19 34 15.5
UNV	Unalaska Valle	58.32 41	P	P	19 34 14.8 +1.4
BBOO	Bucklebrook	58.48 163	P	P	19 34 15.0 +0.2
STKA	Stephens Creek	58.67 168	P	P	19 34 17.7 +0.2
STKA	comp=Z,1.6nm,0.7s,baz=345,slow=6.1,SNR=46		P	P	19 34 17.7 +0.2
STKA	Stephens Creek	58.67 168	P	P	19 34 17.6 +0.2
UOSS	UOSS	60.86 286	P	IAMB	19 34 32.1 +0.6
UOSS	comp=Z,22nm,1.4s		IAMB	IAMB	19 34 52.3
ARMA	Armidale	61.01 153	P	P	19 34 33.2 +0.9
SDPT	Sand Point	61.79 39	P	P	19 34 36.2 -0.9
DZM	Mont Dzumac	62.25 135	P	IAMB	19 34 41.2 +0.5
DZM	comp=Z,1.8nm,1.1s		IAMB	IAMB	19 35 01.3
PRGR	Pergomere	62.95 328	eP	pmax	19 34 42.7 -2.1
PRGR	comp=Z,16nm,0.6s		pmax	pmax	
TTA	Tatalina	63.65 30	P	P	19 34 50.1 +0.6
SVWZ	Sparrevohn	63.98 32	P	IAMB	19 34 52.2 +0.6
SVWZ	comp=Z,16nm,1.2s		IAMB	IAMB	19 35 11.9
CAN	Canberra	64.36 157	P	P	19 34 55.4 +1.0
CAN	comp=Z,8.2nm,0.6s		IAMB	IAMB	19 34 56.1
IMAR	Indian Mountain	64.44 27	P	P	19 34 54.7 +0.1
TOO	Toolangi	65.30 161	P	P	19 35 01.3 +0.8
TOO	comp=Z,12nm,0.8s		IAMB	IAMB	19 35 02.2
PPLA	Purkeypile	65.39 30	P	IAMB	19 35 01.3 +0.4
PPLA	comp=Z,12nm,1.1s		IAMB	IAMB	19 35 08.0
RSO	Redoubt South	65.42 33	P	P	19 35 01.6 +0.3
OHAK	Old Harbor	65.58 36	P	P	19 35 02.0 -0.1
MHL	Manley	65.78 28	IAMB	IAMB	19 35 03.9 +0.6
MHL	comp=Z,10nm,0.6s		IAMB	IAMB	19 35 05.4
BPAW	Bear Paw Mtn.	65.78 29	P	IAMB	19 35 03.9 +0.6
BPAW	comp=Z,8.6nm,0.6s		IAMB	IAMB	19 35 05.2
TOLK	Toolik Lake Re	65.82 24	P	IAMB	19 35 03.8 +0.3
TOLK	comp=Z,6.5nm,0.7s		IAMB	IAMB	19 35 05.7
KDAK	Kodiak Island	65.88 36	P	P	19 35 04.1 +0.2
KTH	Kantishna Hill	65.88 29	P	P	19 35 04.9 +0.4
KLMR	Klimovskoe	65.97 328	eP	pmax	19 35 01.2 -3.2
KLMR	comp=Z,34nm,1.4s		pmax	pmax	
KLMR	Klimovskoe	65.97 328	eP	P	19 35 01.3 -3.2
KLMR	comp=Z,34nm,1.4s				

ms1mx2.8/24, Error ellipse: s-maj=40.8km s-min=27.8km az=121.0

ISC 18 20:17:34.9:0.8,23:12S:0.04:70:22W:0.05,h53km,7km, n27,c1511/38,mb4.0/3,8C-1D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, Limon Verde, Mina Guanaco, etc.

NEIC 18 20:43:24.9:1.3,5:58S:0.08:147:2E:0.1,h204km,13km, mb4.5/11, Error ellipse: s-maj=17.8km s-min=11.0km az=100.0

IDC 18 20:43:25.2:0.5,9:7S:147:56E,h212km,19km,mb3.4/3, mb1.3/7.5,mb1mx3.2/37,mbtrp4.0/5,MS2.9/1,M1.2.9/1, ms1mx2.3/22, Error ellipse: s-maj=47.8km s-min=16.6km az=119.0

ISC 18 20:43:24.9:1.0,5:73S:0.10:147:2E:0.1,h200km,n21,c1513/23,mb4.2/3,Eastern New Guinea region

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

JMA 18 20:52:15.2:0.1,24:35N:121:90E,h21km,M2.8 TAP 18 20:52:15.2:24:40N:121:92E,h19km,ML3.2,1.9

ISC 18 20:52:14.8:1.0,24:39N:0.02:121:97E:0.02,h19km,2.2km, n119,c099/204,7C-16Z,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EOS1, ENA, TWC, etc.

Main table with columns: TWE, Neicheng, 0.43 320, etc. Includes stations like Neicheng, Nioudou, Datong Townshi, etc.

Main table with columns: NCUH, Zhongli, 0.92 309, etc. Includes stations like Zhongli, Taichung City, etc.

LPA La Plata	18.73 145	iP	P	21 30 56.7 -8.8	GRFF Grenada Fort F	33.03 16	eP	P	21 33 17.0 -5.3	Z56A Williston	53.94 349	IAMS_20	IAMS_20	21 58 41.0
LPA La Plata		PPP	PPP	21 31 22.6	GRGR Grenville	33.13 16	eP	P	21 33 16.2 -7.0	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
LPA La Plata		SCP	SCP	21 35 36.2 +0.8	GRGR Grenville	33.13 16	eP	P	21 33 16.2 -7.0	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
LPA La Plata		SCS	SCS	21 42 46.1 -4.7	GO10 Punta Arenas	33.14 18	P	P	21 33 20.8 -2.2	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
CP5B Cacapava Do Su	18.81 127	eP	P	21 31 05.6 +0.6	GO10 Punta Arenas	33.14 18	P	P	21 33 20.8 -2.2	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ITRB Iturama	19.22 93	eP	Pn	21 31 11.6 -0.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLTB Pedras Altas	19.39 131	eP	Pn	21 31 13.5 -0.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLTB Pedras Altas		eS	P	21 34 54.2 +1.7	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
GO06 Curarrehue	19.57 182	P	P	21 31 14.7 -0.1	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
FR7B Fartura	20.01 104	eP	P	21 31 19.4 -0.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
FR7B Fartura		eS	Pn	21 31 06.0 +0.8	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
CNLB Canela	20.35 121	eP	P	21 31 23.4 0.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
CNLB Canela		eS	P	21 35 11.1 -0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLCA Paso Flores	20.71 180	P	P	21 31 27.9 +0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLCA Paso Flores		eS	P	21 35 17.4 -1.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLCA Paso Flores		LR	LR	21 39 48.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLCA Paso Flores		pmax	pmax	21 31 27.8 +0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLCA Paso Flores		P	P	21 31 27.8 +0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PLCA Paso Flores		eS	P	21 35 17.4 -1.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BB19B Bebedouro	20.87 97	eP	P	21 31 28.0 -0.7	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
IPMB Iperameri, GO	21.43 89	eP	P	21 31 34.5 -0.7	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
RCLB Rio Claro- Sao	21.82 101	eP	P	21 31 38.2 -1.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGA Pitanga	21.85 30	P	P	21 31 38.5 -1.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGA Pitanga		eS	P	21 35 35.1 -6.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGA Pitanga		LR	LR	21 41 11.5	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGA Pitanga		Iamb	Iamb	21 31 37.5 -2.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGA Pitanga		IAMS_20	IAMS_20	21 40 58.7	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGA Pitanga		eP	P	21 31 38.6 -0.9	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
FLOC Florencia	21.93 347	eP	P	21 31 41.7 +1.2	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
FLOC Florencia		eS	P	21 31 42.4 +1.9	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
FLOC Florencia		P	P	21 31 41.7 +1.2	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
SPB Sao Paulo	21.98 104	P	P	21 31 39.4 -1.5	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
SPB Sao Paulo		eS	P	21 31 40.1 -0.8	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
SBF Brasilia	22.09 82	P	P	21 31 40.8 -1.5	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
SBF Brasilia		eS	P	21 35 43.4 -3.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BDFB Brasilia		LR	LR	21 41 51.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BDFB Brasilia		Iamb	Iamb	21 31 39.2 -3.1	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BDFB Brasilia		IAMS_20	IAMS_20	21 32 01.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BDFB Brasilia		eP	P	21 31 49.4 +5.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
CRUC La Cruz	22.23 344	eP	P	21 31 43.9 -1.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
VAO Valinhos	22.36 102	eP	P	21 35 49.9 -1.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
VAO Valinhos		eS	P	21 31 47.3 +0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
GARC Garzon, Huila	22.49 348	eP	P	21 31 55.7 +6.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
SOTA Rioblanco	22.69 345	eP	P	21 31 53.6 +3.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PCON Cinco Dias	23.02 345	eP	P	21 31 55.9 +2.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
POPC Popayan, Colom	23.02 345	eP	P	21 31 57.3 -0.8	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PARB Pararubia	23.02 345	eP	P	21 36 10.1 -3.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PARB Pararubia		eS	P	21 32 02.7 +1.5	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
GR1C Gorgona, Isla	23.94 342	eP	P	21 32 04.8 +3.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
GR1C Gorgona, Isla		eS	P	21 31 59.2 +2.9	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGC Puerto Gaitan,	24.04 357	eP	P	21 32 05.5 +3.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
PTGC Puerto Gaitan,		eS	P	21 32 02.7 0.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
VILC Villavicencio,	24.09 353	eP	P	21 32 06.2 +3.5	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
VILC Villavicencio,		eS	P	21 32 08.5 +2.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ORTC Ortega, Tolima	24.12 349	eP	P	21 32 05.5 +2.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ORTC Ortega, Tolima		eS	P	21 32 14.6 +2.1	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BOM Bom Sucesso	24.38 97	eP	P	21 32 16.7 +3.1	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
BOM Bom Sucesso		eS	P	21 32 13.9 -1.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
YOTC Yotoco, Valle	24.41 346	eP	P	21 32 15.3 +0.1	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
YOTC Yotoco, Valle		eS	P	21 32 23.7 +7.5	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
CHIC Chingaza	24.60 353	eP	P	21 32 17.4 +0.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
CHIC Chingaza		eS	P	21 32 15.9 -1.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
MALC Bahia Malaga	24.68 344	eP	P	21 36 44.0 -2.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
MALC Bahia Malaga		eS	P	21 32 18.1 -0.4	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ESAR Angra dos Reis	24.69 102	eP	P	21 32 16.7 +3.0	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ESAR Angra dos Reis		eS	P	21 32 14.6 +2.1	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ANL Santa Ana	24.72 349	eP	P	21 32 11.8 -0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
ANL Santa Ana		eS	P	21 32 23.7 +0.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
TOLL Tolla	24.73 349	eP	P	21 32 21.6 -0.6	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3	Z56A Williston	53.94 349	P	P	21 36 11.7 +1.1
TOLL Tolla		eS	P	21 32 23.7 +0.3	JTS Juntas de	33.13 334	P	P	21 33 24.6 +1.3					

435B	Jarrell	56.65	332	P	P	21	36	30.3	+0.1
U57A	Blanch	56.66	352	P	P	21	36	30.6	+0.5
TKL	Tuckaleechee C	56.66	347	P	P	21	36	29.3	-0.9
TKL	comp=Z,5um,20.0s				LR	22	02	10.0	
TKL	Tuckaleechee C	56.66	347	I	Amb	21	36	32.2	
TKL	comp=Z,130nm,1.4s				IAMS_20	IAMS_20	22	01	49.2
SWET	Sewanee	56.72	345	I	Amb	21	36	40.2	
SWET	comp=Z,104nm,1.4s				IAMS_20	IAMS_20	22	02	07.7
U56A	King	56.73	351	P	P	21	36	31.7	+1.0
V52A	Sevierville	56.81	348	I	Amb	21	36	33.4	
V52A	comp=Z,158nm,1.4s				IAMS_20	IAMS_20	22	01	52.9
V51A	Loudon	56.93	347	I	Amb	21	38	13.2	
Z41A	Richland Creek	56.94	338	I	Amb	21	36	35.5	
Z41A	comp=Z,56nm,1.4s				IAMS_20	IAMS_20	22	03	50.5
T59A	Double 'B' Far	56.98	354	P	P	21	36	33.2	+0.9
U55A	Taz, Sparta	56.98	350	P	P	21	36	32.7	+0.2
OXF	Oxford	56.99	342	I	Amb	21	36	39.7	
OXF	comp=Z,89nm,1.1s				IAMS_20	IAMS_20	22	03	23.9
OXF	Oxford	56.99	342	P	P	21	36	33.0	+0.4
PLAL	Pickwick Lake	57.05	343	I	Amb	21	36	50.5	
PLAL	comp=Z,111nm,1.7s				IAMS_20	IAMS_20	22	02	38.5
T58A	Grand View Acr	57.07	353	P	P	21	36	33.7	+0.7
T60A	Surry	57.07	354	I	Amb	21	36	38.8	
T60A	comp=Z,4um,20.0s				IAMS_20	IAMS_20	22	03	38.8
U54A	Nelsons Funny	57.13	349	I	Amb	21	37	46.1	
U54A	comp=Z,55nm,0.8s				IAMS_20	IAMS_20	22	02	14.6
U54A	Nelsons Funny	57.13	349	P	P	21	36	33.9	+0.3
T57A	Hurt	57.21	352	I	Amb	21	36	46.9	
T57A	comp=Z,168nm,1.4s				IAMS_20	IAMS_20	22	02	25.6
T57A	Hurt	57.21	352	P	P	21	36	34.5	+0.5
T56A	Ricky Mt	57.35	351	P	P	21	36	35.9	+0.8
JCT	Junction City	57.39	330	I	Amb	21	36	44.2	
JCT	comp=Z,168nm,2.0s				IAMS_20	IAMS_20	22	03	44.2
JCT	Junction City	57.39	330	P	P	21	36	35.0	-0.6
V48A	Smith Brothers	57.44	345	I	Amb	21	36	37.7	
V48A	comp=Z,85nm,1.2s				IAMS_20	IAMS_20	22	02	42.7
X43A	comp=Z,5um,20.0s				IAMS_20	IAMS_20	22	03	38.8
X43A	Marvell	57.45	340	P	P	21	36	36.0	+0.3
TZTN	Tazewell	57.48	348	I	Amb	21	36	53.7	
TZTN	comp=Z,5um,21.0s				IAMS_20	IAMS_20	22	00	53.7
TZTN	Tazewell	57.48	348	P	P	21	36	36.4	+0.4
S61A	Accomac	57.51	355	P	P	21	36	37.2	+1.1
W45A	Hickory Valley	57.53	342	I	Amb	21	36	44.0	
T55A	Pulaski	57.55	351	P	P	21	36	37.2	+0.7
BLA	Blacksburg	57.58	351	I	Amb	21	38	12.7	
BLA	comp=Z,72nm,0.8s				IAMS_20	IAMS_20	22	02	36.5
BLA	Blacksburg	57.58	351	P	P	21	36	37.7	+1.0
HPIG	comp=Z,4um,18.0s				IAMS_20	IAMS_20	22	00	15.6
T54A	Tazewell	57.62	350	P	P	21	36	37.9	+0.9
S60A	Water View	57.62	354	P	P	21	36	38.3	+1.4
WHTX	Lake Whitney	57.63	333	I	Amb	21	36	47.8	
WHTX	comp=Z,60nm,1.0s				IAMS_20	IAMS_20	22	03	47.8
WHTX	Lake Whitney	57.63	333	P	P	21	36	37.1	0.0
WHTX	comp=Z,150nm,1.5s				IAMS_20	IAMS_20	22	04	32.8
CLTN	Cedars of Leba	57.65	345	I	Amb	21	36	39.2	
CLTN	comp=Z,119nm,1.5s				IAMS_20	IAMS_20	22	02	23.4
S58A	Poland Farm, P	57.67	353	I	Amb	21	36	40.4	
S58A	comp=Z,93nm,1.2s				IAMS_20	IAMS_20	22	03	40.4
S58A	Poland Farm, P	57.67	353	P	P	21	36	38.1	+0.9
T53A	Wise	57.71	349	P	P	21	36	38.6	+0.9
MET	Mechanic-Engin	57.72	341	I	Amb	21	36	55.1	
S59A	Mechanicsville	57.74	354	P	P	21	36	38.4	+0.7
T52A	Hallie	57.91	348	I	Amb	21	36	40.0	+0.9
T52A	comp=Z,7um,21.0s				IAMS_20	IAMS_20	22	01	04.2
S56A	Natural Bridge	57.92	352	P	P	21	36	40.3	+1.2
S57A	Dark Hollow, R	57.92	352	I	Amb	21	36	56.4	
S57A	comp=Z,7um,20.0s				IAMS_20	IAMS_20	22	02	56.4
S57A	Dark Hollow, R	57.92	352	P	P	21	36	39.7	+0.7
U49A	Red Boiling Sp	57.93	346	I	Amb	21	36	09.6	
SACV	Santiago Islan	57.93	346	I	Amb	21	36	13.0	
SACV	comp=Z,6um,22.0s				IAMS_20	IAMS_20	22	03	09.6
T51A	Gray	57.96	348	P	P	21	36	40.1	+0.8
R58B	Mineral	58.00	353	I	Amb	21	36	51.8	
R58B	comp=Z,167nm,1.5s				IAMS_20	IAMS_20	22	03	51.8
R58B	Mineral	58.00	353	P	P	21	36	40.8	+1.3
X40A	Basin Creek Fa	58.07	339	P	P	21	36	40.5	+0.4
WVT	Waverly	58.07	344	P	P	21	36	38.9	-1.2
WVT	comp=Z,123nm,1.5s				IAMS_20	IAMS_20	22	03	38.9
WVT	Waverly	58.07	344	P	P	21	36	39.9	-0.2
WVT	comp=Z,3um,19.0s				IAMS_20	IAMS_20	22	03	39.9
WVT	Waverly	58.07	344	P	P	21	36	38.9	-1.2
WVT	comp=Z,123nm,1.5s				IAMS_20	IAMS_20	22	03	38.9
R61A	Willards	58.13	356	P	P	21	36	41.5	+1.0
S55A	Lewisburg	58.15	351	P	P	21	36	41.4	+0.7
R59A	King George, V	58.15	354	P	P	21	36	41.5	+0.9
UALR	University of	58.16	339	I	Amb	21	36	51.6	
R60A	Leonardtown, M	58.17	355	P	P	21	36	41.6	+0.9
CBN	Corbin Frederi	58.18	354	P	P	21	36	41.7	+0.9
T50A	Nancy	58.20	347	P	P	21	36	40.9	-0.1
LPAR	Lepanto	58.27	341	I	Amb	21	36	02.8	
S54A	Dingess, Beckl	58.30	350	P	P	21	36	42.1	+0.4
LPIG	La Paz	58.31	317	P	P	21	36	42.4	+0.4
S53A	Williamson	58.32	349	P	P	21	36	42.2	+0.3

HBAR	Harrisburg	58.34	341	I	Amb	21	36	17.5	
R58A	Raplan	58.34	353	P	P	21	36	43.1	+1.1
TXAR	Lajitas Array	58.37	326	P	P	21	36	42.6	+0.1
TXAR	comp=Z,6.3nm,0.7s				IAMS_20	IAMS_20	22	00	45.4
TXAR	Lajitas Array	58.37	326	P	P	21	36	42.4	-0.1
TXAR	MIAR	58.38	338	I	Amb	21	36	62.6	
MIAR	Mout Ida	58.38	338	P	P	21	36	41.7	-0.6
R57A	Stanardsville	58.40	353	P	P	21	36	43.3	+0.9
T49A	Edmonton	58.44	346	I	Amb	21	36	33.1	
T49A	Edmonton	58.44	346	P	P	21	36	43.7	+1.0
S52A	Salyersville	58.48	349	P	P	21	36	43.1	+0.1
W41B	Gary Mavity, V	58.49	339	I	Amb	21	36	53.2	
W41B	Gary Mavity, V	58.49	339	P	P	21	36	43.4	+0.4
GNAR	Gosnell	58.52	342	I	Amb	21	36	42.5	
S51A	Beattyville	58.54	348	I	Amb	21	36	25.9	
S51A	Beattyville	58.54	348	P	P	21	36	44.0	+0.6
R55A	Marlinton	58.59	351	I	Amb	21	36	54.9	
R55A	comp=Z,5um,22.0s				IAMS_20	IAMS_20	22	02	36.1
R55A	Marlinton	58.59	351	P	P	21	36	44.3	+0.5
WHAR	Wooly Hollow	58.61	339	I	Amb	21	36	54.0	
R56A	Bull Pasture M	58.62	352	P	P	21	36	44.9	+1.0
R54A	Victor	58.62	351	P	P	21	36	45.0	+1.0
T47A	Sharon Grove	58.70	345	I	Amb	21	36	56.0	
S50A	Richmond	58.74	347	P	P	21	36	45.0	+0.2
HICK	Hickman	58.84	343	I	Amb	21	36	22.7	
Q60A	Greensboro	58.84	355	I	Amb	21	36	56.7	
Q60A	Greensboro	58.84	355	P	P	21	36	46.0	+0.7
PVMO	Portageville	58.85	342	I	Amb	21	36	47.1	
PENMO	Penman	58.86	342	I	Amb	21	36	36.4	
R53A	Hurricane	58.92	350	I	Amb	21	36	57.7	
R53A	comp=Z,32nm,0.6s				IAMS_20	IAMS_20	22	03	40.9
R53A	Hurricane	58.92	350	P	P	21	36	46.5	+0.5
Q58A	Fox Den Farm,	58.94	354	P	P	21	36	49.9	+0.7
LCAR	Lake Charles	58.97	341	I	Amb	21	36	48.3	
LCAR	comp=Z,79nm,1.6s				IAMS_20	IAMS_20	22	04	28.1
S49A	Springfield	59.03	347	P	P	21	36	47.1	+0.3
W39A	Magazine	59.04	338	I	Amb	21	36	57.8	
W39A	Magazine	59.04	338	P	P	21	36	47.5	+0.7
R52A	Catsburg	59.05	349	P	P	21	36	47.2	+0.3
HENM	Henderson Moun	59.07	343	I	Amb	21	36	40.8	
PARMO	Parma	59.10	342	I	Amb	21	36	42.6	
FCAR	Ozark Folk Cen	59.11	340	I	Amb	21	36	52.2	
Q57A	Strasburg	59.12	353	P	P	21	36	48.1	+0.7
T45A	Paducah	59.12	343	I	Amb	21	36	12.2	
ABTX	Abilene, Hawle	59.12	332	I	Amb	21	36	58.1	
ABTX	Abilene, Hawle	59.12	332	P	P	21	36	47.6	0.0
R51A	Hillsboro	59.18	348	P	P	21	36	48.3	+0.5
Q56A	Snyder Ridge,	59.21	352	I	Amb	21	36	44.6	
Q56A	Snyder Ridge,	59.21	352	P	P	21	36	48.5	+0.5
Q55A	Buckhannon	59.28	352	P	P	21	36	49.3	+0.7
R50A	Paris	59.31	348	I	Amb	21	36	50.8	
R50A	comp=Z,68nm,1.4s				IAMS_20	IAMS_20	22	02	01.2
R50A	Paris	59.31	348	P	P	21	36	48.9	+0.2
Q53A	Leroy	59.37	350	P	P	21	36	49.6	+0.5
Q54A	Coxs Mills	59.38	351	I	Amb	21	36	59.2	
Q54A	Coxs Mills	59.38	351	P	P	21	36	49.4	+0.2
PBMO	Poplar Bluff	59.40	342	I	Amb	21	36	04.3	
P61A	Hamontion	59.44	356	I	Amb	21	36	49.9	+0.3
P61A	Hamontion	59.44	356	P	P	21	36	49.9	+0.3
P58A	Pank, Wackersv	59.45	354	P	P	21	36	50.5	+0.9
P59A	Jarrettsville	59.49	355	P	P	21	36	51.4	+1.5
R49A	Shelbyville								

O49A	Covington	61.15 348	P	P	21 37 01.5 +0.2
N53A	Lisbon	61.17 351	Iamb	Iamb	21 37 12.3
N53A	Lisbon	61.17 351	P	P	21 37 02.1 +0.7
M64A	Tiverton	61.20 360	P	P	21 37 02.9 +1.4
N54A	Moraine State	61.21 352	IAMS_20	IAMS_20	22 04 18.4
N54A	Moraine State	61.21 352	P	P	21 37 02.8 +1.1
M58A	Priest's Panora	61.24 355	P	P	21 37 03.1 +1.2
M57A	Sunshine Farm,	61.26 355	IAMS_20	IAMS_20	22 04 44.9
M57A	Sunshine Farm,	61.26 355	P	P	21 37 02.7 +0.6
N52A	McGinn's Farm,	61.30 351	P	P	21 37 02.6 +0.3
M59A	Waymart	61.34 356	P	P	21 37 03.0 +0.5
O48A	Farmland	61.38 348	P	P	21 37 03.0 +0.1
KSCT	Kent School, K	61.42 358	Iamb	Iamb	21 37 13.8
KSCT	Kent School, K	61.42 358	IAMS_20	IAMS_20	22 08 03.0
N50A	Nevada	61.50 349	P	P	21 37 04.1 +0.4
L63A	North Scituate	61.51 359	P	P	21 37 03.9 +0.3
M56A	Emporium	61.51 354	IAMS_20	IAMS_20	22 04 44.5
M56A	Emporium	61.51 354	P	P	21 37 04.1 +0.4
N51A	Ashland	61.51 350	Iamb	Iamb	21 37 21.5
N51A	Ashland	61.51 350	IAMS_20	IAMS_20	22 04 59.5
N51A	Ashland	61.51 350	P	P	21 37 03.8 +0.1
M55A	Ridgway	61.56 353	P	P	21 37 04.8 +0.7
T35A	Sooner Centre	61.56 337	Iamb	Iamb	21 37 17.0
L64A	Middleborough	61.58 360	P	P	21 37 04.7 +0.6
M57X	Muleshoe	61.68 330	P	P	21 37 04.9 -0.3
M54A	Oil Creek Stat	61.70 352	IAMS_20	IAMS_20	22 04 32.6
M54A	Oil Creek Stat	61.70 352	P	P	21 37 05.3 +0.2
L60A	Shokan	61.71 357	P	P	21 37 05.5 +0.4
M53A	WJ Miller and	61.77 352	P	P	21 37 05.8 +0.3
EPT	El Paso	61.79 326	IAMS_20	IAMS_20	22 02 03.0
P43A	Skaggs, Pawnee	61.82 344	IAMS_20	IAMS_20	22 06 47.7
N49A	Columbus Grove	61.83 349	IAMS_20	IAMS_20	22 02 27.8
N49A	Columbus Grove	61.83 349	P	P	21 37 06.1 +0.2
L58A	Harry Jones Me	61.87 356	P	P	21 37 06.8 +0.7
M51A	Elyria	61.89 350	P	P	21 37 06.6 +0.3
L61A	Hillsdale 1, H	61.89 358	P	P	21 37 06.6 +0.3
L57A	Andrews Acres	61.90 355	P	P	21 37 06.9 +0.6
ALLY	Alleghey Colle	61.90 352	IAMS_20	IAMS_20	22 05 11.9
SFIN	Lafayette	61.92 346	Iamb	Iamb	21 37 15.2
SFIN	Lafayette	61.92 346	IAMS_20	IAMS_20	22 04 35.3
SFIN	Lafayette	61.92 346	P	P	21 37 06.6 +0.1
N48A	Decatur	61.94 348	P	P	21 37 07.4 +0.8
QUA2	Getchertown	61.94 359	Iamb	Iamb	21 37 17.0
L59A	Walton	61.96 356	P	P	21 37 07.0 +0.3
M52A	Chesterland	61.97 351	IAMS_20	IAMS_20	22 05 35.5
M52A	Chesterland	61.97 351	P	P	21 37 07.4 +0.7
BINY	Binghamton	62.03 356	Iamb	Iamb	21 37 18.8
BINY	Binghamton	62.03 356	IAMS_20	IAMS_20	22 05 16.2
BINY	Binghamton	62.03 356	P	P	21 37 07.8 +0.6
WES	Weston	62.03 360	Iamb	Iamb	21 37 17.8
O44A	Mansfield	62.03 345	IAMS_20	IAMS_20	22 05 48.3
VNA3	Neumayer Olymp	62.09 161	P	P	21 37 10.5 +3.2
N47A	Urbana	62.09 347	IAMS_20	IAMS_20	22 03 22.9
N47A	Urbana	62.09 347	P	P	21 37 07.8 +0.2
L56A	Greenwood	62.10 354	IAMS_20	IAMS_20	22 05 10.9
L56A	Greenwood	62.10 354	P	P	21 37 07.8 +0.1
M50A	Fremont	62.10 350	Iamb	Iamb	21 37 26.1
M50A	Fremont	62.10 350	P	P	21 37 07.7 +0.1
L61B	Northampton	62.12 358	P	P	21 37 08.3 +0.6
HRV	Adam Dzewonsk	62.15 359	P	P	21 37 07.5 -0.5
HRV	Adam Dzewonsk	62.15 359	MLR	MLR	
HRV	Adam Dzewonsk	62.15 359	P	P	21 37 07.5 -0.5
HRV	Adam Dzewonsk	62.15 359	P	P	21 37 08.9 +0.9
L53A	Girard	62.22 352	P	P	21 37 09.2 +0.7
L55A	Hinsdale	62.23 354	P	P	21 37 09.4 +0.8
HSIG	Hinsdale	62.23 320	Iamb	Iamb	21 37 18.6
VNA1	Neumayer-Stat	62.32 160	P	P	21 37 12.5 +3.7
K62A	Royalston	62.32 359	Iamb	Iamb	21 37 20.1
K62A	Royalston	62.32 359	P	P	21 37 10.4 +1.2
K60A	Five Rivers En	62.33 357	P	P	21 37 10.5 +1.4
M49A	Liberty Center	62.33 349	P	P	21 37 09.9 +0.7
K63A	Dunstable	62.34 359	P	P	21 37 10.7 +1.5
ERPA	Erie	62.34 352	IAMS_20	IAMS_20	22 05 02.5
ERPA	Erie	62.34 352	P	P	21 37 10.8 +1.5
L61A	Williamstown	62.35 358	P	P	21 37 10.9 +1.6
K54A	Sinclairville	62.38 353	P	P	21 37 10.6 +1.0
TRY	Troy	62.43 358	IAMS_20	IAMS_20	22 08 34.8
M48A	Edgerton	62.48 348	IAMS_20	IAMS_20	22 02 57.1
M48A	Edgerton	62.48 348	P	P	21 37 10.4 +0.2
K59A	Cooperstown	62.53 357	P	P	21 37 11.2 +0.6
M47A	Cromwell	62.54 347	P	P	21 37 11.0 +0.4
K58A	Earlville	62.57 356	IAMS_20	IAMS_20	22 06 25.4
K58A	Earlville	62.57 356	P	P	21 37 11.2 +0.4
K57A	Scipio Center	62.60 355	P	P	21 37 11.4 +0.4
HDIL	Hopedale	62.62 344	Iamb	Iamb	21 37 12.6

HDIL	Hopedale	62.62 344	P	P	21 37 11.2 +0.1
K56A	Middlesex	62.63 355	P	P	21 37 11.8 +0.6
K54A	Basiliko Farm,	62.68 353	P	P	21 37 11.7 +0.1
VNA2	Neumayer-Watz	62.68 161	P	P	21 37 13.6 +2.3
L50A	Kingsville	62.68 350	P	P	21 37 11.8 +0.2
K55A	Perry	62.73 354	P	P	21 37 11.6 -0.3
L48A	N Adams	62.87 349	P	P	21 37 13.1 +0.3
J62A	Henniker	62.88 359	P	P	21 37 13.7 +0.9
L49A	Milan	62.91 349	P	P	21 37 13.3 +0.2
J63A	Stratford	62.92 360	P	P	21 37 14.3 +1.2
J60A	Lant Hill Farm	62.93 358	P	P	21 37 14.6 +1.4
P38A	Dawn	62.97 340	Iamb	Iamb	21 37 15.8
319A	Douglas	63.01 323	IAMS_20	IAMS_20	22 02 51.1
J61A	Chester	63.01 359	P	P	21 37 15.2 +1.5
L47A	Sheepood	63.05 348	P	P	21 37 13.7 -0.3
121A	Cookes Peak, D	63.06 325	Iamb	Iamb	21 37 24.6
121A	Cookes Peak, D	63.06 325	IAMS_20	IAMS_20	22 04 21.6
121A	Cookes Peak, D	63.06 325	P	P	21 37 14.9 +0.3
AAM	Ann Arbor	63.08 349	IAMS_20	IAMS_20	22 06 07.9
AAM	Ann Arbor	63.08 349	P	P	21 37 14.3 +0.1
ACCN	Adirondack Com	63.08 358	Iamb	Iamb	21 37 26.0
K52A	Tiltsburg	63.09 352	P	P	21 37 14.7 +0.5
M44A	Midewin, Midew	63.10 346	Iamb	Iamb	21 37 24.8
M44A	Midewin, Midew	63.10 346	IAMS_20	IAMS_20	22 04 32.5
M44A	Midewin, Midew	63.10 346	Iamb	Iamb	21 37 26.6
J58A	Remsen	63.14 356	P	P	21 37 15.1 +0.5
K51A	Iona Station	63.15 351	P	P	21 37 15.0 +0.4
J56A	Wolcott	63.17 355	IAMS_20	IAMS_20	22 06 04.3
J56A	Wolcott	63.17 355	P	P	21 37 15.2 +0.5
J59A	Piesco	63.20 357	IAMS_20	IAMS_20	22 09 01.0
J59A	Piesco	63.20 357	P	P	21 37 15.5 +0.5
MEDO	Medina	63.20 354	IAMS_20	IAMS_20	22 08 04.2
J57A	Willamstown	63.23 356	Iamb	Iamb	21 37 26.2
J57A	Willamstown	63.23 356	IAMS_20	IAMS_20	22 06 18.1
J57A	Willamstown	63.23 356	P	P	21 37 16.0 +0.8
J55A	Hilton	63.24 354	IAMS_20	IAMS_20	22 05 55.2
J55A	Hilton	63.24 354	P	P	21 37 15.8 +0.6
L46A	Eue Claire	63.30 347	Iamb	Iamb	21 37 16.9
L46A	Eue Claire	63.30 347	IAMS_20	IAMS_20	22 04 11.0
L46A	Eue Claire	63.30 347	P	P	21 37 15.7 0.0
J54A	Appleton	63.33 354	P	P	21 37 16.2 +0.4
K50A	Casco	63.37 350	Iamb	Iamb	21 37 34.2
K50A	Casco	63.37 350	IAMS_20	IAMS_20	22 05 57.5
K50A	Casco	63.37 350	P	P	21 37 16.4 +0.4
I58A	Old Forge	63.45 357	P	P	21 37 16.7 0.0
I59A	Orlsteadville	63.50 357	P	P	21 37 17.7 +0.8
K49A	Clarkston	63.51 350	P	P	21 37 17.6 +0.5
J52A	Paris	63.51 352	P	P	21 37 17.5 +0.5
I62A	Tamworth	63.52 360	Iamb	Iamb	21 37 26.1
I62A	Tamworth	63.52 360	P	P	21 37 17.5 +0.5
I60A	Shepham	63.53 358	P	P	21 37 18.1 +1.1
K5U1	Kansas State U	63.53 338	P	P	21 37 16.9 -0.4
I64A	Boothbay	63.57 1	P	P	21 37 18.3 +1.0
I61A	Oroboro, Fairl	63.59 359	P	P	21 37 18.8 +1.3
K47A	Perry	63.65 349	P	P	21 37 17.6 -0.4
K48A	Vermontville	63.68 348	P	P	21 37 18.1 0.0
NCB	Newcomb	63.69 357	Iamb	Iamb	21 37 29.0
I63A	Otisfield	63.69 0	Iamb	Iamb	21 37 27.5
I63A	Otisfield	63.69 0	P	P	21 37 19.0 +0.8
R32A	Long Quarter,	63.72 336	Iamb	Iamb	21 37 29.0
I57A	Carthage	63.74 356	P	P	21 37 18.9 +0.4
L44A	Lake County Fo	63.82 346	Iamb	Iamb	21 37 21.2
L44A	Lake County Fo	63.82 346	IAMS_20	IAMS_20	22 09 29.6
L44A	Lake County Fo	63.82 346	P	P	21 37 19.3 +0.3
PECO	Prince Edward	63.83 355	IAMS_20	IAMS_20	22 06 22.8
K46A	Dorr	63.85 348	P	P	21 37 19.1 -0.2
LBNH	Lisbon	63.89 359	P	P	21 37 20.1 +0.6
I53A	Kortright Cn E	63.98 353	P	P	21 37 20.5 +0.4
J49A	Marlette	64.02 350	P	P	21 37 20.6 +0.2
J48A	Bridge Port	64.07 349	IAMS_20	IAMS_20	22 08 15.1
J48A	Bridge Port	64.07 349	P	P	21 37 21.0 +0.3
L42A	Oliver, Polio	64.08 344	Iamb	Iamb	21 37 32.5
L42A	Oliver, Polio	64.08 344	IAMS_20	IAMS_20	22 09 14.4
L48A	Gabriels	64.14 357	P	P	21 37 23.0 +1.9
I51A	Listowel	64.14 352	P	P	21 37 21.6 +0.5
I55A	Frankford	64.17 354	P	P	21 37 22.4 +1.1
H61A	Lyndonville	64.18 359	P	P	21 37 22.9 +1.5
J47A	Sumner	64.19 349	IAMS_20	IAMS_20	22 06 57.5
J47A	Sumner	64.19 349	P	P	21 37 22.1 +0.5
WVL	Waterville	64.22 1	Iamb	Iamb	21 37 30.6
H62A	Milan	64.22 360	Iamb	Iamb	21 37 39.7
H62A	Milan	64.22 360	P	P	21 37 23.1 +1.5
H60A	Morristown	64.23 358	P	P	21 37 23.4 +1.7

H57A	Richville	64.24 356	P	P	21 37 23.1 +1.3

F64A	baz=165 Sherman	65.54	2	P	P	21	37	31.5	+1.3
F58A	baz=182 St-Lin Laurent	65.57	358	P	P	21	37	31.4	+1.1
GBN	baz=171 Guysborough	65.59	7	IAMS ₂₀	IAMS ₂₀	22	07	15.0	
F61A	baz=180 St Evariste	65.62	360	P	P	21	37	32.2	+1.5
F60A	baz=179,SNR=13 Warwick	65.62	359	P	P	21	37	31.9	+1.2
F55A	baz=174 Otter Lake	65.67	356	P	P	21	37	32.4	+1.4
I42A	baz=180 Draeger Farm,	65.67	346	IAMB	IAMB	21	37	41.0	
I42A	comp=Z,114nm,1.4s			IAMS ₂₀	IAMS ₂₀	22	10	42.7	
GLMI	comp=Z,5um,18.0s Graying	65.69	349	IAMS ₂₀	IAMS ₂₀	22	05	33.1	
GLMI	comp=Z,5um,21.0s Graying	65.69	349	P	P	21	37	31.6	+0.3
LMN	baz=166 Caledonia Moun	65.72	5	IAMB	IAMB	21	37	42.3	
LMN	comp=Z,69nm,1.2s			IAMS ₂₀	IAMS ₂₀	22	05	27.8	
X18A	comp=Z,4um,20.0s Snowflake	65.75	325	IAMB	IAMB	21	37	42.3	
X18A	comp=Z,65nm,1.5s			IAMS ₂₀	IAMS ₂₀	22	04	49.8	
KSCO	comp=Z,5um,20.0s Kaye Shedlock	65.80	333	P	P	21	37	32.6	+0.3
F52A	baz=141 Sundridge	65.90	353	P	P	21	37	33.9	+1.3
G47A	baz=171 Hillman	65.90	350	P	P	21	37	33.7	+1.1
ALGO	baz=167 Algonquin Park	65.93	354	P	P	21	37	34.9	+2.1
H43A	baz=172,SNR=7.0 Windswept, Lux	65.97	347	IAMB	IAMB	21	37	35.0	
H43A	comp=Z,117nm,1.6s			IAMS ₂₀	IAMS ₂₀	22	06	58.4	
E60A	comp=Z,6um,19.0s Ste Agathe de	66.01	359	P	P	21	37	35.0	+1.7
SDCO	baz=179 Great Sand Dun	66.04	330	IAMB	IAMB	21	37	37.6	
SDCO	comp=Z,55nm,1.2s Great Sand Dun	66.04	330	P	P	21	37	35.0	+1.0
E58A	baz=144 La Victoria	66.05	358	P	P	21	37	35.2	+1.7
E61A	baz=177,SNR=10 Lac Etchemin	66.07	0	P	P	21	37	35.2	+1.4
W18A	baz=180 Petrified Fore	66.08	326	IAMS ₂₀	IAMS ₂₀	22	05	04.6	
W18A	comp=Z,3um,18.0s Petrified Fore	66.08	326	P	P	21	37	35.3	+1.0
I40A	baz=140 Norwalk	66.09	344	IAMB	IAMB	21	38	10.7	
I40A	comp=Z,112nm,1.6s			IAMS ₂₀	IAMS ₂₀	22	06	13.6	
G45A	comp=Z,4um,21.0s Suttons Bay	66.09	349	IAMB	IAMB	21	38	37.0	
G45A	comp=Z,31nm,0.7s			IAMS ₂₀	IAMS ₂₀	22	08	04.7	
G45A	comp=Z,6um,19.0s Suttons Bay	66.09	349	P	P	21	37	35.1	+1.3
F51A	baz=165 Arnstein	66.09	353	P	P	21	37	35.3	+1.5
E63A	baz=171 Oxbow	66.10	2	IAMB	IAMB	21	37	44.7	
E63A	comp=Z,106nm,1.4s			P	P	21	37	35.1	+1.3
E64A	baz=182 Bridgewater	66.11	2	P	P	21	37	35.4	+1.5
BGNE	baz=183,SNR=9.2 Belgrade	66.12	338	IAMS ₂₀	IAMS ₂₀	22	09	03.5	
BGNE	comp=Z,4um,20.0s Belgrade	66.12	338	P	P	21	37	34.6	+0.5
E57A	baz=182 Chemin Saint G	66.12	357	P	P	21	37	35.2	+1.2
F49A	baz=177,SNR=6.7 Sandfield	66.20	351	P	P	21	37	34.5	0.0
G46A	baz=168 Petoskey	66.21	349	P	P	21	37	34.7	+0.1
E56A	baz=166 St. Veronique	66.30	357	P	P	21	37	36.1	+1.0
E52A	baz=176 Mattawa	66.31	354	P	P	21	37	35.6	+0.4
E53A	baz=172 Dumoine, Ponti	66.31	355	P	P	21	37	36.2	+1.0
E54A	baz=173,SNR=6.2 Lac Dapostol	66.33	355	P	P	21	37	36.2	+0.9
F48A	baz=173,SNR=8.7 Evansville	66.35	351	P	P	21	37	35.9	+0.5
PQI	baz=168,SNR=13 Presque Isle	66.36	2	IAMB	IAMB	21	37	46.3	
X16A	comp=Z,2um,20.0s La Mia Camp, P	66.48	324	IAMB	IAMB	21	37	49.1	
X16A	comp=Z,65nm,1.2s			IAMS ₂₀	IAMS ₂₀	22	05	21.1	
D60A	comp=Z,4um,20.0s Saint Jean D'O	66.56	360	P	P	21	37	38.6	+1.9
E51A	baz=180,SNR=6.0 G1948 Merrick	66.64	353	P	P	21	37	38.5	+1.2
D59A	baz=171 Saint-Raymond	66.66	359	P	P	21	37	38.3	+0.9
S22A	baz=179 4UR Ranch, Cre	66.67	329	P	P	21	37	38.2	+0.2
F45A	baz=143 CMU Biological	66.69	349	P	P	21	37	38.4	+0.8
D57A	baz=165 Chemin Vers le	66.72	358	P	P	21	37	39.4	+1.6
D63A	baz=183 Stockholm	66.72	2	P	P	21	37	39.0	+1.2
D62A	baz=183 Allapoint, All	66.74	1	P	P	21	37	37.1	-0.9
D62A	baz=182 Allapoint, All	66.74	1	P	P	21	37	39.5	+1.6
D58A	baz=182 Chemin du LacG	66.76	358	P	P	21	37	39.7	+1.6
D56A	baz=178,SNR=18 ZEC Mazanza, M	66.79	357	P	P	21	37	39.2	+1.0
D55A	baz=176,SNR=8.4 Sainte-Anne-du	66.80	357	P	P	21	37	39.3	+1.0
D61A	baz=175,SNR=10 St Aubert, Com	66.85	0	P	P	21	37	40.0	+1.4
Q24A	baz=181 Divide	66.87	331	P	P	21	37	40.1	+0.8
E48A	baz=145 Lockeyer	66.92	351	P	P	21	37	40.9	+1.8
D54A	baz=168 Lac Fusel, La	67.00	356	P	P	21	37	40.1	+0.5
D53A	baz=174,SNR=9.4 Lac Vacive, Po	67.01	355	IAMB	IAMB	21	37	50.0	
D53A	comp=Z,120nm,1.7s			IAMS ₂₀	IAMS ₂₀	22	08	28.0	
D53A	comp=Z,4um,20.0s Lac Vacive, Po	67.01	355	P	P	21	37	40.7	+1.0
LATQ	baz=173 La Tuque	67.05	359	P	P	21	37	41.1	+1.3
BATG	baz=178 Bathurst New B	67.05	3	IAMB	IAMB	21	37	49.8	
BATG	comp=Z,65nm,1.2s			IAMS ₂₀	IAMS ₂₀	22	08	15.8	
E47A	comp=Z,3um,18.0s Iron Bridge	67.06	351	P	P	21	37	40.3	+0.3
MVCO	baz=167,SNR=7.5 Mesa Verde	67.06	328	IAMB	IAMB	21	37	50.2	
MVCO	comp=Z,78nm,1.4s			P	P	21	37	41.1	+0.6
E46A	baz=141 Sault Ste Mari	67.14	350	IAMB	IAMB	21	38	37.6	
E46A	comp=Z,34nm,0.9s			IAMS ₂₀	IAMS ₂₀	22	09	59.3	
D51A	comp=Z,5um,19.0s Lot 18 Range I	67.18	354	P	P	21	37	41.2	+0.5
OGNE	baz=171 Ogallala	67.19	335	P	P	21	37	41.7	+0.6
WUAZ	baz=148 Wupatki	67.26	325	IAMS ₂₀	IAMS ₂₀	22	06	11.8	
WUAZ	comp=Z,4um,19.0s Wupatki	67.26	325	P	P	21	37	43.1	+1.4
F42A	baz=139 Maple Grove Fa	67.28	347	IAMS ₂₀	IAMS ₂₀	22	07	29.0	
G40A	comp=Z,5um,21.0s Rib Lake	67.28	345	IAMB	IAMB	21	38	18.4	
G40A	comp=Z,78nm,1.8s			IAMS ₂₀	IAMS ₂₀	22	08	47.1	
D50A	comp=Z,5um,20.0s G1974 Best Tow	67.31	353	P	P	21	37	42.5	+1.0
GLA	baz=165 Glamis	67.44	321	IAMB	IAMB	21	37	54.0	
GLA	comp=Z,87nm,1.4s			P	P	21	37	43.2	+0.4
D48A	baz=135 Paubush Townsh	67.55	352	P	P	21	37	44.3	+1.1
D46A	baz=169 Sault St. Mari	67.60	350	P	P	21	37	43.4	0.0
D47A	baz=167 Chapleau	67.62	351	P	P	21	37	44.5	+1.0
E43A	baz=158 Lone Tree Farm	67.63	348	IAMB	IAMB	21	37	53.2	
E43A	comp=Z,55nm,1.4s			IAMS ₂₀	IAMS ₂₀	22	09	02.4	
E44A	comp=Z,5um,19.0s Grand Marais A	67.66	349	IAMS ₂₀	IAMS ₂₀	22	06	55.3	
E44A	comp=Z,5um,22.0s			P	P	21	37	44.6	+0.8
ECSD	baz=185 EROS Data Cent	67.67	340	IAMB	IAMB	21	37	54.2	
ECSD	comp=Z,26nm,1.2s			IAMS ₂₀	IAMS ₂₀	22	09	05.4	
ECSD	comp=Z,4um,20.0s EROS Data Cent	67.67	340	IAMS ₂₀	IAMS ₂₀	22	09	05.4	
ECSD	baz=154,SNR=21			P	P	21	37	44.7	+0.8
TAOE	baz=195 Nuku Hiva Isla	67.70	268	eS	S	21	46	46.3	+3.1
TAOE	comp=Z,9um,27.3s			eLR	LR	21	58	09.6	
TAOE	comp=Z,9um,22.6s Nuku Hiva Isla	67.70	268	IAMB	IAMB	21	37	55.1	
Y12C	comp=Z,44nm,1.2s			P	P	21	37	45.4	+0.7
Y12C	comp=Z,44nm,1.2s			P	P	21	37	45.4	+0.7
ISCO	baz=145 Idaho Springs	67.76	332	P	P	21	37	45.4	+0.5
COWI	comp=Z,5um,20.0s Conover	67.82	346	IAMS ₂₀	IAMS ₂₀	22	08	14.4	
SMCO	comp=Z,4um,20.0s Snowmass	67.88	330	IAMS ₂₀	IAMS ₂₀	22	08	06.3	
SPMN	comp=Z,2um,20.0s Marine on St.	67.90	343	IAMB	IAMB	21	38	07.2	
SPMN	comp=Z,70nm,1.4s			IAMS ₂₀	IAMS ₂₀	22	12	50.6	
SPMN	comp=Z,3um,18.0s			P	P	21	37	46.1	+0.7
PDML	baz=158 Parker Dam,Lak	67.92	322	P	P	21	37	47.0	+1.2
IKP	baz=136 In-Ko-Pah, Jac	67.93	320	P	P	21	37	46.8	+0.9
PV15	baz=134 Paradox Valley	67.93	329	IAMB	IAMB	21	37	58.0	
PV15	comp=Z,89nm,1.2s			IAMS ₂₀	IAMS ₂₀	22	06	58.9	
SWSC	comp=Z,4um,19.0s Sam W. Stewart	67.94	320	IAMB	IAMB	21	37	47.6	+1.7
PV02	baz=192 Paradox Valley	67.95	328	IAMB	IAMB	21	37	55.8	
PV13	comp=Z,50nm,1.2s			IAMB	IAMB	21	37	58.9	
PV13	comp=Z,128nm,1.9s			IAMS ₂₀	IAMS ₂₀	22	06	42.5	
VLDO	comp=Z,3um,20.0s Val d'Or	68.02	355	IAMB	IAMB	21	37	57.2	
VLDO	comp=Z,102nm,1.5s			IAMS ₂₀	IAMS ₂₀	22	12	19.9	
PV05	comp=Z,4um,18.0s Paradox Valley	68.03	328	IAMB	IAMB	21	37	50.1	
PV03	comp=Z,57nm,1.4s			IAMB	IAMB	21	37	56.3	
PV03									

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TAM Tamnasset, MAW Mawson, YKA Yellowknife Ar, H1S12 WAKE ISLAND Hy25.80 279 T, etc.

Table with columns: WHTZ Whakaora, TUUV Tukino, HLHZ Highlands Stat, RATZ Rangitukia, HSRZ Hossack Road, etc.

Table with columns: PB11 IPOC Station P, PB11 IPOC Station P, PB12 IPOC Station P, etc.

IDC 18 21:42:51.3, 1.8195'S:70.65W, h0km, mb3.5/3, mb1 3.75, mb1mx3.536, mbtmp3.6/5, ML3.3/2, Error ellipse: s-maj=44.5km, s-min=26.7km, az=63.0

IDC 18 21:42:52.6, 1.3, 19.81'S:0109.70W, 0.2, h10km, n10, a120/8, mb3.6/3, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, LVC Limon Verde, etc.

WEL 18 21:43:11.0, 39'S:117.8'E, h40km, 7km, ML4.2/11, ML3.5/9, Error ellipse: s-maj=0.0km, s-min=0.0km, az=81.5, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KNZ Kokohu, KNZ Cape Kidnapper, WHHZ Waihua, etc.

IDC 18 21:54:52.3, 0.8, 19.82'S:70.65W, h0km, mb3.7/8, mb1 4.0/10, mb1mx3.9/44, mbtmp3.8/10, ML3.7/2, Error ellipse: s-maj=26.3km, s-min=21.7km, az=47.0

NEIC 18 21:54:53.0, 2.0, 20.06'S:0106.70W, 0.0, h10km, 1km, mb4.1/6, Error ellipse: s-maj=10.6km, s-min=6.8km, az=315.0

ISC 18 21:54:52.7, 0.6, 20.04'S:0105.70W, 0.0, h10km, n36, a129/29, mb3.8/3, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, PB11 Chusmiza, PB01 IPOC Station P, etc.

WEL 18 21:43:11.0, 39'S:117.8'E, h40km, 7km, ML4.2/11, ML3.5/9, Error ellipse: s-maj=0.0km, s-min=0.0km, az=81.5, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar, YKA Yellowknife Ar, H1S12 WAKE ISLAND Hy25.80 279 T, etc.

IDC 18 21:54:52.3, 0.8, 19.82'S:70.65W, h0km, mb3.7/8, mb1 4.0/10, mb1mx3.9/44, mbtmp3.8/10, ML3.7/2, Error ellipse: s-maj=26.3km, s-min=21.7km, az=47.0

NEIC 18 21:54:53.0, 2.0, 20.06'S:0106.70W, 0.0, h10km, 1km, mb4.1/6, Error ellipse: s-maj=10.6km, s-min=6.8km, az=315.0

ISC 18 21:54:52.7, 0.6, 20.04'S:0105.70W, 0.0, h10km, n36, a129/29, mb3.8/3, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, SMTB Santa Maria Do, RUSC La Rusia, etc.

WEL 18 21:43:11.0, 39'S:117.8'E, h40km, 7km, ML4.2/11, ML3.5/9, Error ellipse: s-maj=0.0km, s-min=0.0km, az=81.5, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar, YKA Yellowknife Ar, H1S12 WAKE ISLAND Hy25.80 279 T, etc.

Table with columns: MKAR, KSH, USRK, MJAR, MJAR, SONM, SONM. Includes station names, coordinates, and technical details.

NCC 18 22:13:38.6.6.5, 43'30N-83'66E, h0km, mb3.0, mpv2.7, 1C-5D, Error ellipse: s-maj=66.0km s-min=29.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes Podgornoye, MK31, MK31, MAKZ, MAKZ.

NIED 18 22:23:00, 36'90N; 141'50E, h5km, Mw4.2 Best double couple: M=2.12000x10^15, N1=2.249, 0.00000, 0.76, 0.00000, 1.49, 0.00000, N2=0.355, 0.00000, 0.43, 0.00000, 1.159, 0.00000.

JMA 18 22:23:12.9.0.1, 36'92N; 141'43E, h33km, 1km, M4.4 JMA Feil 11.

NEIC 18 22:23:16.3.2.0, 36'80N; 0'02:141'40E, 0.109, h4.4km, mb4.9/9, Error ellipse: s-maj=10.2km s-min=2.4km

IDC 18 22:23:17.7.1.6, 36'90N; 141'23E, h43km, 15km, mb3.8/27, mb1.3/9/31, mb1mx3.9/48, mbtmp4.0/31, ML2.3/3, Error ellipse: s-maj=15.2km s-min=9.6km az=98.0

ISC 18 22:23:13.2.1.4, 36'88N; 0'04:141'37E, 0.05, h15km, 8km, n76, c153/86, mb4.1/30, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes ONAJ, JFK, JFJK, JFFD, JHO, JHO, JHT, JFT, JMT, JMM, JFY, JFY, JIO, JIO, JOU, MJAR, MJAR, MAJO, MAT, MJB, MJB, INU, JHJ2, JHJ, JHJ, ERM, ASAJ, ASAJ, JKA, JKA, JKC, JKC, USRK, USRK, KSRs, SEY, SONM, H1N2, H1N1, H1N3, H1N3, H1S1, H1S3, H1S2, CMAR, ZAAO, ZAAO, ZALV, ZALV, NRK, MK31, MKAR, MKAR, KURK, KURK, KURB, KDKA, IL31, IL31, ILAR, ILAR, BVAR, BVAR, PSI, PSI, RPSI, RPSI, INK, INK, INK, WRA, WRA, WRA, WRA.

Table with columns: ASBKAR, KIRV, ASAR, GEYT, ARCES, STKA, FINES, KBZ, NB2, NOA, AKASG, AKASG, AKASG, NVAR, PDAR, PDAR, BRTR, GERES, TXAR, TORO, LPAZ, LPAZ. Includes station names, coordinates, and technical details.

IDC 18 22:26:30.3.6.7, 28'43N; 87'21E, h86km, 64km, mb3.0/5, mb1.3/2/8, mb1mx3.0/50, mbtmp3.4/8, ML3.4/3, Error ellipse: s-maj=45.7km s-min=20.8km az=54.0

ISC 18 22:26:24.4.1.1, 28'30N; 0'2:87'2E, 0.02, h34km, n8, c085/8, mb3.4/5, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes CMAR, AAK, MKAR, KURB, SONM, WRA, ASAR, TORO.

PRU 18 22:37:12.5.0.0, 51'46N; 16'15E, h0km, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes CHVC, CHVC, OST, OST, DOBRUSKA, PANSA, PVCC, BRG.

IDC 18 22:38:01.7.14.0, 22'82S; 69'01W, h0km, mb3.8/1, mb1.3/8/1, mb1mx3.4/15, mbtmp3.8/1, Error ellipse: s-maj=89.6km s-min=119.8km az=4.0, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes TORO, ZALV, MKAR.

UCR 18 22:38:18.3.1.2, 10'25N; 84'34W, h95km, 5km, MD3.7, MW3.3, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes CEDE, CEDE, JTS, LCR2, ACAL, PTEI, CUI, COLC, COLC, PLVR, EDDO, EDDO, ACON, BRUZ.

BUK 18 22:39:23.7.0.7, 45'63N; 26'41E, h140km, 4km, ml2.9/11, 26C-18D, Error ellipse: s-maj=5.6km s-min=3.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes BISRR, BISRR, BISRR, PLOR, PLOR, PLOR, VRI, VRI, MLR, MLR, ODBI, ODBI, TUDR, TUDR, TESR, TESR, TESR, SULR, SULR, SULR, WOI, WOI, VOIR, VOIR, BIR, BIR.

Table with columns: ARR, ARR, ARR, ARR, ARR, MILEM, MILEM, MILEM. Includes station names, coordinates, and technical details.

IDC 18 23:04:01.4.4.1, 4.99S; 151'96E, h0km, mb3.6/4, mb1.3/7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=142.8km s-min=31.9km az=109.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes WRA, ASAR, MKAR, ZALV, TORO.

IDC 18 23:26:45.3.2.1, 16'32S; 175'46W, h232km, 19km, mb3.7/5, mb1.0/6, mb1mx3.4/35, mbtmp4.3/6, Error ellipse: s-maj=101.9km s-min=15.3km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes AFI, STKA, WRA, ASAR, NVAR, ILAR, BRTR, GERES.

IDC 18 23:29:35.4.1.1, 15'42S; 174'89W, h257km, 17km, mb3.5/8, mb1.3/8/9, mb1mx3.5/33, mbtmp4.1/9, Error ellipse: s-maj=48.6km s-min=6.15km az=143.0

ISC 18 23:29:35.4.1.0, 15'55S; 0'3:174'8W, 0.2, h262km, n15, c094/616, mb3.8/9, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes AFI, STKA, WRA, ASAR, MJAR, PETK, NVAR, ILAR, PDAR, CMAR, FINES, KMBO, BRTR, KHC, GERES.

MEX 18 23:41:58.3.0.6, 25'46N; 99'58W, h5km, MD4.2 NEIC 18 23:41:59.5.4.0, 25'33N; 0'04:99'44W, 0.08, h35km, 9km, Error ellipse: s-maj=11.2km s-min=4.2km az=109.0

ISC 18 23:41:57.8.0.9, 25'40N; 0'04:99'58W, 0.06, h10km, n25, c1564/30, Northern Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes LNIG, LNIG, LNIG, MNIG, KVTX, 833A, 833A, 735A, ICT, TXAR, TX31, TX32, HKT, 435B, 435B, HPIG, HPIG, HPIG, MOG, WHTX, ABTX, MNTX, Z35A, BMTX, AMTX, X37A, PV09.

MAN 18 23:58:32.6.9, 96N; 124'02E, h22km, mb4.3, ML3.1, MS2.9, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes TBP, TBP, LLP, LLP, MSLP, MSLP, SNPH, SNPH, DCPH, GUM, RCP, PAGZ, BUKP, BUKP.

Table with columns: TWT, Station Name, Azimuth, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like Tachien, YMO1, YMO10, etc.

Station solution details for BUI, DJA, NEIC, CHNS, etc. including moment tensor solutions and error ellipses.

Main station solution table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like KRVT, RABL, PMG, etc.

Table with columns: CAN, Station Name, Azimuth, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like Canberra, KCP, LUWI, etc.

19d Oh

Table with columns: ID, Name, Date, Time, Location, Status, Score, etc. Includes entries like AFDM Forest Hills D, D05A Enunclaw, J05D Fort Rock, etc.

2014 MAR

Table with columns: ID, Name, Date, Time, Location, Status, Score, etc. Includes entries like ARU, ARU, ARU, ARU, ARU, etc.

1000

Table with columns: ID, Name, Date, Time, Location, Status, Score, etc. Includes entries like R32A Long Quarter, BGNE Belgrade, U32A Winters, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Kasperse Hory, MOX, ARSA, GE2C, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like BFO, BFO, UCC, BCIP, WLF, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like PVAQ, CEU, PVLZ, etc.

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

19d 1h

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

Code Station Name Azimuth Elevation Frequency Power Modulation

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations WRA, ASAR, and MKAR.

SOME 19:01:31.41.9, 41.03N:72.57E, h5km
IDC 19:01:31.43.7, 0.7, 41.19N:72.50E, h0km, mb4.1/18,
mb1.4/1.26, mb1mx3.9/68, mbmp4.0/26, ML3.3/8, Error
ellipse: s-maj=13.0km s-min=7.8km az=145.0

MOS 19:01:31.46.0, 1.6, 41.20N:72.51E, h23km, mb4.3/9, Error
ellipse: s-maj=7.0km s-min=5.2km az=78.6
NMC 19:01:31.46.3, 0.8, 41.23N:72.57E, h0km, mb4.7, mpv4.4,
Error ellipse: s-maj=8.0km s-min=3.6km az=116.0

ISC 19:01:31.45.9, 0.9, 41.22N:0.002, 72.54E, 0.01, 1.6km, 5km,
n199, az=11/280, mb4.1/25, 47C-35D, Kyrgyzstan

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for numerous stations.

2014 MAR

Main table of station data for 2014 MAR with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for numerous stations.

1004

Main table of station data for 1004 with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for numerous stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGRZ Tauranga, OPRZ Ohinepaea, TCW Thy Channel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:33:58.1, 11.0, 10.71S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:03:44.0, 17.0, 3.92N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC 19 04:13:58.1, 1.5, 5.33S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:14:01.2, 2.0, 5.31S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:15:59.1, 0.7, 5.13N, etc.

MAN 19 04:33:53.0, 9.92N, 125.21E, h17km, mb5.1, ML4.0, MS4.1
NEIC 19 04:33:58.5, 1.2, 9.99N, 0.06, 125.2E, 0.1, h72km, 6km,
mb4.5/33, Error ellipse: s-maj=17.0km s-min=1.2km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:33:59.1, 1.8, 10.01N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:34:05.7, 1.5, 9.9N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:03:44.0, 17.0, 3.92N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:14:01.2, 2.0, 5.31S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:15:59.1, 0.7, 5.13N, etc.

MAN 19 04:33:53.0, 9.92N, 125.21E, h17km, mb5.1, ML4.0, MS4.1
NEIC 19 04:33:58.5, 1.2, 9.99N, 0.06, 125.2E, 0.1, h72km, 6km,
mb4.5/33, Error ellipse: s-maj=17.0km s-min=1.2km az=60.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:36:04.7, 37.09N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:36:05.0, 0.0, 36.79N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 19 04:36:06.8, 36.69N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANTB Antalya, KEPZ Antalya-Kepez, KEPZ Antalya-Kepez, etc.

ISK 19 04:36:04.7, 37.09N, 31.00E, h93km, 1km, ML3.0/23
DDA 19 04:36:05.0, 37.13N, 31.03E, h80km, 1km, ML2.6
NIC 19 04:36:06.0, 36.79N, 31.11E, h100km, 4km, M13, 1/4
HLW 19 04:36:06.8, 36.69N, 30.78E, h30km, 1.7km, MD4.3
ISC 19 04:36:04.3, 1.2, 37.07N, 0.03, 31.07E, 0.03, h100km, 7km,
n72, r159/101, Turkey

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

WEL 19 06:25:15.5, 40.75, 0.6, 17.6E, h28km, 1km, M3.0/15, ML3.3/15, MLV3.0/15, Error ellipse: s-maj=0.0km, s-min=0.0km az=95.4, North Island

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

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

IDC 19 06:32:53.8, 1.9, 20.105, 0.03, 70.71W, h0km, mb4.0/6, mb1 4.2/8, mb1mx4.0/22, mbtmp4.1/8, ML4.0/2, MS3.2/8, Ms1 3.2/8, ms1mx3.0/27, Error ellipse: s-maj=28.2km s-min=15.5km az=64.0

NEIC 19 06:32:55.3, 1.9, 20.105, 0.03, 70.71W, h0km, mb4.0/6, mb4.0/6, Mwr3.9/15, ML4.2(GUC), Error ellipse: s-maj=7.0km s-min=3.9km az=101.0

NEIC 19 06:32:56.6, 2.0, 19.9, 0.70W, h14km, Moment Tensor Solution - Moment Tensor Scale 1014Nm, Mr4.36; Mw=1.26; Mw=3.10; Mw=3.98; Mw=2.20; Mw=7.63; Fault plane information: Ms9.70000, NP2=151.77000, 676.35000, 1.92.73000. Principal axes: T 9.6149, P1g59.0000, Azm65.0000; N 0.1596, P1g3.0000, Azm331.0000; P -9.7745, P1g31.0000, Azm240.0000

GUC 19 06:32:56.2, 0.8, 20.085, 70.79W, h39km, 1km, ML4.1, ISC 19 06:32:53.0, 2.0, 20.085, 0.03, 70.89W, h0.26, h2m, 12km, ns4, r133.63, mb4.0/5, MS3.1/4, 1C-1D, Near coast of northern Chile

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

comp=Z, 9nm, 0.7s, baz=324, slow=2.3, SNR=5.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC, KRVT, PMV, WRA, ASAR, CMAR, PETK, SOMK, MKAR, ILAR, YKA, TORO, etc.

SOME 19 06:40:21.9, 40.40N, 74.13E, h5km, KRNET 19 06:40:24.3, 0.1, 40.49N, 74.09E, h12km, mb3.0, NNC 19 06:40:27.7, 2.1, 40.61N, 74.08E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=16.8km s-min=8.0km az=168.0

ISC 19 06:40:26.8, 1.2, 40.60N, 0.06, 74.07E, 0.03, h10km, n48, r147/74, 27C-7D, Kyrgyzstan-Xinjiang border region

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

19d 10h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like J01E Myrtle Point, AFDM Forest Hills D, K04D Chiloquin, OR, etc.

2014 MAR

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like L3RDM Redding Peak, SUTB Sutter Butte, NTYM Taylor, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ULHL Ulahol, ULHL baz=8.0, BOOM Boomsoko usch, etc.

IDC 19 09:57:06.6:1.8,40:34N:124:48W,h0km,mb3.3/4, mb1.3/9,mb1mx3.45,mbtmp3.9/8,ML3.4/5,MS3.0/8, Ms1.3/0.8,ms1mx2.9/18,Error ellipse:s-maj=2.3km

NCECD 19 09:57:08.0:2.7,40:31N:0:02:124:51W:0.2, h7km,1km, Mw4.0/6,Error ellipse:s-maj=2.8km s-min=0.2km az=81.0

NEIC 19 09:57:08.6:40:31N:124:48W,h5km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr3.12;

ANF 19 09:57:07.0:8.0,40:41N:124:28W,h0km,ML3.5/13 Error ellipse:s-maj=11.4km s-min=5.0km az=78.0

ISC 19 09:57:07.7:1.4,40:29N:0:03:124:61W:0.06,h15km,7km, n186,r1909/189,mb3.1/3,MS2.9/3,Near coast of northern California

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KCTM Capetown, KCTM, KSMM Slide Mountain, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like J05D Fort Rock, OR, CNBR Virginia City, JELB Elliot, etc.

Main station list 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 Code Station Name, Azimuth, Phase, ID, Time, Res.

IDC 19 10:26:08.9:2.6,6:09N:127:20E,h0km,mb3.7/3, mb1.3/9,mb1mx3.4/46,mbtmp3.7/3, Error ellipse:s-maj=194.2km s-min=27.1km az=66.0

MAN 19 10:26:24.6:5:96N:127:00E,h36km,mb4.8,ML3.7,MS3.6 ISC 19 10:26:16.1:1.6,6:1N:0:02:127:6E:0.1,h52km,n7,r1998/8, mb3.5/3,Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MATI Mati, MATI, DDMP Don Marcelino, etc.

DDA 19 10:33:12.5,38:47N:29:15E,h7km,3km,ML1.2,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like USAK Uak-Merkez, USAK, USAK, etc.

ISK 19 10:33:32.5,39:64N:29:47E,h1km,1km,ML1.9/7, Suspected Mining explosion, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TVSB Tavsanli, CAVI Cavuskoj, GORA Goktasli, etc.

IDC 19 10:47:54.0:7.8:72S:157:74E,h0km,mb4.2/14, mb1.4/4.17,mb1mx3.3/35,mbtmp4.2/17,ML3.9/3,MS3.3/9, Ms1.3/3.9,ms1mx3.0/37,Error ellipse:s-maj=18.9km s-min=15.9km az=151.0

NEIC 19 10:47:56.0:0.8,8:71S:0:03:157:81E:0.08,h10km,1km, mb4.7/25, Error ellipse:s-maj=13.0km s-min=5.5km az=265.0

ISC 19 10:47:59.6:0.5,8:71S:0:08:157:73E:0:07,h35km,n60,r1908/53,mb4.4/25,MS3.2/5,Bougainville,Solomon Islands region

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

KRNET 19 10:02:25.6:0.1,42:39N:76:34E,h10km,mb1.7 NNC 19 10:02:26.6:0.5,42:44N:76:30E,h0km,mb1.9,mpv2.6, Error ellipse:s-maj=4.2km s-min=1.2km az=159.0 SOME 19 10:02:26.6:42:45N:76:33E,h5km ISC 19 10:02:25.1:1.0,42:38N:0:03:76:39E:0:03,h12km,8km, n23,r0948/45,18C-10D,Lake Issyk-Kul region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTK Batken, TAS Tashkent, ARSB Arslanbob, etc.

IDC 19 10:57:24.2, 6.31'86S, 71'52W, h0km, mb3.7/1, mb1.3, 8/2, mb1763/8/17, mbmp3/7/2, ML4, 1/1, Error ellipse: s-maj=456.1km s-min=67.2km az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EI Transito, Tololo Observa, Juntas del Tor, etc.

IDC 19 11:05:54.4, 22.0, 6.04N, 123.41E, h262km, 244km, mb3.1/0, mb1.3/2.6, mb1.5m/2.8/57, mbmp3/7/6, Error ellipse: s-maj=66.9km s-min=29.5km az=76.0

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

RSNC 19 11:13:26.0, 1.0, 3.87N, 71.58W, h4km, 6km, ML3.4, Mw3.6, 1C, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTGC Puerto Gaitan, San Jose del G, Vilc Villavicencio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pamplona, Colo, Ortega, Tolima, Norcasia, Santa Ana, El Recreo, etc.

LJU 19 11:19:12.0, 45.75N, 14.88E, h2km, ML0.4, 1D, Northwestern Balkan Peninsula

BUC 19 11:21:15.3, 0.6, 45.16N, 24.95E, h1km, ml0.7/1, 6C-8D, Romania

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

TUL 19 11:23:14.2, 1.0, 36.08N, 0.03, 97.55W, 0.05, h4km, 7km, ML3.1, Error ellipse: s-maj=5.7km s-min=2.7km az=61.0

ANF 19 11:23:14.2, 1.1, 36.03N, 97.54W, h0km, ML3.5/6, Error ellipse: s-maj=18.0km s-min=3.8km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADOK Arcadia Dam, OKCFA Oklahoma City, WMOK Wichita Mouna, etc.

KRNET 19 11:31:21.2, 0.1, 40.42N, 71.33E, h19km, mb2.2, NNC 19 11:31:45.6, 4.8, 41.53N, 71.45E, h0km, mb2.5, mpv2.6

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

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like ANMO Albuquerque, LPIG La Paz, PTIGA Pitinga, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like CFON Fontmartina, CBRU Brugera, FESP Espira, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like LMR, MLYF Mely, BLAF les Blancs, etc.

MEX 19 12:05:26.9-0.6,15.54N,95.70W,h16km,5km,MD4.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like HUG Huatulco, PEIG Puerto Escondido, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like CCLI Livvia, FNEB Nbias, FNEB Nbias, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like MONO Montcuq, OGDJ Digne, VIVF Saint-Julien-1, etc.

IDC 19 12:12:46.1-3.8,37.72N,75.88E,h117km,33km,mb3.3/9, mb1 3.3/15, mb1mx3.2/6.1, mbtmp3.6/15, MS4.2/2, Ms1 4.2/2, ms1mx3.0/3.8, Error ellipse: s-maj=29.3km s-min=19.3km az=14.0

MNC 19 12:12:55.4-4.8,38.30N,74.54E,h0km,mb3.8,mpv3.4, Error ellipse: s-maj=35.9km s-min=27.1km az=152.0

ISC 19 12:12:48.7-0.7,37.85N,0.06E,75.58E,0.09,h150km,n24, z=261/24,4C-6D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like CHCP Chirah Chowk, AAK Ala-Archa, AAK Ala-Archa, etc.

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

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

ISC 19 12:12:48.7-0.7,37.85N,0.06E,75.58E,0.09,h150km,n24, z=261/24,4C-6D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like CEP Cherat, CHMS Chumysh, CHMS Medeo, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like CEST Esterrí de Car, CSOR Sor, CSOR Sor, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like EIBI Ibiza, LBL Lubilhac, EMOS Mosqueruela, etc.

ISC 19 12:13:06.3-1.6,41.78N,3.46E,h4km,4km,ML3.2, Error ellipse: s-maj=4.3km s-min=3.0km az=111.0

MRB 19 12:13:06.3-1.6,41.78N,3.46E,h1.3/6.18,ML3.6/18, Error ellipse: s-maj=4.4km s-min=2.4km az=291.0

MDD 19 12:13:06.7-0.3,41.81N,3.48E,h11km,mbLg3.9/19, Error ellipse: s-maj=3.5km s-min=2.4km az=145.0, PRXIMO

MDD EMS: III INTENSIDAD MAXIMA.

SFS 19 12:13:06.0-1.4,71.0N,3.40E,h11km,ML3.8,COSTERO CATALANA

LDG 19 12:13:07.5-0.1,41.84N,3.43E,h8km,MD3.6/3,MI4.0/47, Error ellipse: s-maj=1.5km s-min=0.9km az=149.0

STR 19 12:13:08.0-0.6,42.1N,4.4E,h25km,3km,mb5.6/1, mb3.8/2,MLV3.8/7,WW(MB)5.1/1

ISC 19 12:13:06.3-0.5,41.81N,0.02E,3.42E,0.01,h16km,2km, n238,-1375/420,2C-5D,Spain

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like CCAS Cassa de la Se, CCAS Cassa de la Se, CBEU Beuda, etc.

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

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like SURF Argentiere, SSB Saint Sauveur, MON Monaco, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like ETON Torodi Ar, Bea, YKA Yellowknife Ar, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like ASEP Site Antares, TRFB Trabuc cave, ARFB Arques, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, etc.

ISC 19 12:13:06.3-0.5,41.81N,0.02E,3.42E,0.01,h16km,2km, n238,-1375/420,2C-5D,Spain

ISC 19 12:13:06.3-0.5,41.81N,0.02E,3.42E,0.01,h16km,2km, n238,-1375/420,2C-5D,Spain

ISC 19 12:13:06.3-0.5,41.81N,0.02E,3.42E,0.01,h16km,2km, n238,-1375/420,2C-5D,Spain

ISC 19 12:13:06.3-0.5,41.81N,0.02E,3.42E,0.01,h16km,2km, n238,-1375/420,2C-5D,Spain

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, etc.

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

19d 12h

Table with columns for station name, time, and coordinates. Includes stations like Pioggiaola, Torete, La Plagne, Signal de Mont, and Lanestos.

2014 MAR

Table with columns for station name, time, and coordinates. Includes stations like Sextfontaines, Haudompre, Champ du Feu, and Lanestos.

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Table with columns for station name, time, and coordinates. Includes stations like Givet, Castello Branco, Marv??o, and Lanestos.

NDT	baz=308	S	Sb	12 19 57.1 +0.4
NNSB Datong	0.96 297	↑P	Pb	12 19 43.9 -0.6
NNSB	baz=283	S	Sb	12 19 56.4 -0.5
NNSH Datong	0.96 297	↑P	Pb	12 19 44.0 -0.5
NNSH	baz=284	eS	Sb	12 19 56.9 0.0
NTC Toucheng	0.97 333	↑P	Pn	12 19 44.2 -0.3
NTC	baz=330	eS	Sn	12 19 58.2 +0.6
WHF Hehuan Shan	0.98 279	↑P	Pb	12 19 44.0 -1.0
WHF	baz=278	S	Sb	12 19 57.2 -0.4
SLBB Yuanshan	0.99 321	↑P	Pn	12 19 43.8 -1.1
SLBB	baz=328	eS	Sb	12 19 57.5 0.0
EHY Hungye	1.03 243	↑P	Pn	12 19 44.4 -1.0
EHY	baz=342	S	Sb	12 19 58.3 -0.5
OWD Renai	1.05 268	↑P	Pn	12 19 44.9 -0.8
OWD	baz=267	eS	Sb	12 19 57.8 -1.6
CHGB Renai	1.05 274	↑P	Pn	12 19 45.2 -0.6
CHGB	baz=261	S	Sb	12 19 58.5 -1.0
TWB1 Santiao Chiao	1.06 343	↑P	Pn	12 19 45.9 +0.1
TWB1	baz=329	S	Sb	12 19 59.5 0.0
TIPB Shuangxi	1.08 335	↑P	Pn	12 19 46.0 -0.1
TIPB	baz=333	S	Sb	12 19 59.5 -0.7
TWT Tachien	1.08 284	↑P	Pn	12 19 46.1 -0.1
TWT	baz=272	eS	Sn	12 20 01.3 +0.8
NWLT Wulai	1.08 317	↑P	Pn	12 19 46.3 +0.2
NWLT	baz=314	eS	Sn	12 20 01.0 +0.6
TDCB Tech	1.10 284	↑P	Pn	12 19 46.0 -0.3
TDCB	baz=273	eS	Sb	12 19 59.2 -1.5
YHNB Yeheng	1.10 308	↑P	Pn	12 19 46.2 -0.1
YHNB	baz=306	eS	Sb	12 19 55.9 -0.4
YHNB WVDT	1.10 308	↑P	Pn	12 19 46.2 -0.1
YHNB	baz=257	eS	Sb	12 19 59.4 -1.4
NSK Sanguang	1.11 308	↑P	Pn	12 19 46.4 -0.2
NSK	baz=306	S	Sn	12 20 01.5 +0.3
TWF1 Yuli	1.13 236	↑P	Pn	12 19 46.0 -0.8
TWF1	baz=236	eS	Sn	12 19 59.7 -1.8
NWF Wu-fen Shan	1.19 336	↑P	Pn	12 19 47.6 +0.1
NWF	baz=333	eS	Sb	12 20 03.5 +0.2
WFSB Wu-fen Shan	1.19 336	↑P	Pn	12 19 47.6 +0.1
WFSB	baz=333	S	Sb	12 20 03.7 +0.5
TWA Mucha	1.20 326	↑P	Pb	12 19 48.6 +0.1
TWA	baz=324	eS	Sb	12 20 04.5 +1.0
NHHD Xindian Distri	1.21 323	↑P	Pb	12 19 48.8 +0.1
FULB Full	1.23 230	↑P	Pn	12 19 47.0 -1.1
FULB	baz=218	eS	Sn	12 20 02.9 -1.0
TATO Taipei	1.24 323	P	Pb	12 19 48.8 -0.4
TATO	baz=323	Pb	Pb	12 19 49.2 0.0
CHKT Chengkung	1.25 225	↑P	Pn	12 19 47.0 -1.3
CHKT	baz=225	eS	Sn	12 20 02.2 -2.1
SSLB Suanglung	1.27 261	↑P	Pn	12 19 48.2 -0.5
SSLB	baz=250	S	Sn	12 20 03.4 -1.5
SSLB Suanglung	1.27 261	↑P	Pn	12 19 48.5 -0.1
SSLB	baz=262	Sn	Pn	12 20 03.7 -1.3
TAP1 Taipei	1.28 325	↑P	Pb	12 19 49.6 -0.2
TAP1	baz=322	S	Sb	12 20 06.1 +0.4
DPDB Guoxing	1.28 272	↑P	Pn	12 19 48.8 0.0
DPDB	baz=262	eS	Sn	12 20 04.7 -0.5
TAP Taipei	1.28 325	↑P	Pn	12 19 48.7 -0.1
TAP	baz=322	eS	Sb	12 20 06.2 +0.2
WHP Taichung City	1.29 283	↑P	Pn	12 19 49.3 +0.3
WHP	baz=271	eS	Sn	12 20 05.9 +0.3
WLTB Daxi	1.30 312	↑P	Pb	12 19 50.0 -0.1
WLTB	baz=309	S	Sb	12 20 07.2 +0.8
SMLT Sun Moon Lake	1.30 266	↑P	Pn	12 19 49.2 0.0
SMLT	baz=255	S	Pn	12 20 05.2 -0.7
IRIF Iriote-Funau	1.33 75	↑P	Pb	12 19 50.5 -0.2
IRIF	baz=344	Sb	Sb	12 20 09.5 +2.1
YM01 Yuchr	1.34 330	↑P	Pn	12 19 49.8 +0.1
TYC	baz=266	↑P	Pn	12 19 49.6 0.0
TYC	baz=266	eS	Sn	12 20 06.6 -0.1
YUS Yu-Shan	1.35 249	eP	Pn	12 19 50.1 -0.1
YM10 YM10	1.35 329	↑P	Pn	12 19 49.9 0.0
YM11 YM11	1.36 330	↑P	Pn	12 19 49.9 0.0
HATJ Hateruma jima	1.36 87	↑P	Pb	12 19 51.1 -0.1
YM05 YM05	1.36 330	↑P	Pn	12 19 49.9 0.0
LI0B Emei	1.36 299	↑P	Pb	12 19 50.9 -0.3
LI0B	baz=297	S	Sb	12 20 08.6 +0.4
YM04 YM04	1.36 329	↑P	Pn	12 19 50.0 +0.1
YM04	baz=325	eS	Sb	12 20 08.1 -0.2
NSTT Nanjuang	1.36 298	↑P	Pb	12 19 50.9 -0.4
NSTT	baz=284	S	Sb	12 20 08.7 +0.4
YM08 YM08	1.37 331	↑P	Pn	12 19 49.9 -0.2
YM08	baz=328	eS	Sn	12 20 07.3 -0.1
WHYT Xinyi Township	1.38 258	↑P	Pn	12 19 50.3 +0.2
WHYT	baz=249	eS	Sn	12 20 07.8 +0.2
TWS1 Kuangyinshan	1.38 324	↑P	Pn	12 19 50.9 +0.7
TWS1	baz=333	eS	Sb	12 20 09.4 +0.6
YM03 YM03	1.38 329	↑P	Pn	12 19 50.2 -0.1
YM03	baz=326			

YM03	baz=326	eS	Sb	12 20 08.9 -0.1
ANP Anpu	1.40 329	↑P	Pn	12 19 50.5 -0.1
NTST Danhui	1.42 326	eP	Pb	12 19 51.5 -0.7
NCU National Centr	1.42 314	eP	Pn	12 19 51.4 +0.6
NCU	baz=310	eS	Sb	12 20 10.5 +0.5
NCUH Zhongli	1.42 314	↑P	Pn	12 19 51.4 +0.6
NCUH	baz=310	eS	Sb	12 20 11.0 +1.0
ELDTW Lidau	1.44 237	↑P	Pn	12 19 50.1 -1.0
ELDTW	baz=236	eS	Sn	12 20 08.0 -1.3
TWY Chenhua	1.44 333	↑P	Pn	12 19 51.4 +0.4
TWY	baz=330	eS	Sb	12 20 10.4 -0.1
SBCB Hsinchu	1.46 304	↑P	Pb	12 19 52.2 -0.6
SBCB	baz=301	S	Sb	12 20 11.8 +0.8
ALS Alishan	1.47 251	↑P	Pn	12 19 52.2 +0.6
ALS	baz=251	eS	Sn	12 20 09.2 -1.1
WJS Zhushan	1.47 264	↑P	Pb	12 19 52.5 -0.5
WJS	baz=263	eS	Sb	12 20 12.5 +1.2
HSN Hsinchu	1.48 304	P	Pn	12 19 52.1 +0.6
HSN	baz=302	S	Pn	12 20 11.7 +0.2
NSY Sanyi	1.49 287	↑P	Pb	12 19 53.1 -0.3
NSY	baz=285	eS	Sb	12 20 12.3 +0.5
TWH Lutao	1.49 212	↑P	Pn	12 19 50.9 -0.8
TWH	baz=212	S	Sn	12 20 08.6 -1.8
NMLH Miaoil	1.50 292	↑P	Pn	12 19 53.4 -0.2
NMLH	baz=289	S	Sb	12 20 13.4 +1.2
WNT Mingjian	1.50 266	eP	Pb	12 19 53.2 -0.5
WNT	baz=265	eS	Sb	12 20 12.8 +0.5
TCU Taichung	1.51 276	↑P	Pn	12 19 53.6 -0.2
TCU	baz=275	S	Sb	12 20 13.5 +0.9
PTSB Yuanli	1.55 288	eP	Pb	12 19 54.0 -0.3
PTSB	baz=285	eS	Sb	12 20 13.9 +0.3
CHNS Tsaling	1.56 256	↑P	Pn	12 19 53.6 +0.9
CHNS	baz=244	eS	Sn	12 20 13.0 +0.9
JKRS Kuro-shima	1.56 80	↑P	Pb	12 19 54.1 -0.5
WDJ Dajia District	1.58 284	↑P	Pb	12 19 54.1 -0.8
WDJ	baz=281	eS	Sb	12 20 14.2 -0.2
WCHH Zhanguhua	1.61 274	↑P	Pb	12 19 54.9 -0.6
WCHH	baz=272	eS	Sb	12 20 16.6 +1.1
TWGBT Beinan	1.63 225	↑P	Pn	12 19 52.5 -1.0
TWGBT	baz=237	eS	Sn	12 20 11.9 -1.9
TWG Pinlang	1.63 225	↑P	Pn	12 19 52.6 -1.0
TWG	baz=225	Pn	Pn	12 19 52.9 -0.7
TTN Taitung	1.63 222	eP	Pn	12 19 53.5 -0.1
WGK Gukeng	1.64 260	eP	Pb	12 19 55.2 -0.8
WGK	baz=259	eS	Sb	12 20 15.7 -0.5
PCYT Pengchayiu	1.65 352	eP	Pn	12 19 53.0 -0.9
PCYT	baz=334	eS	Sn	12 20 14.9 +0.5
STYT Tauyuan	1.65 241	eP	Pn	12 19 54.4 +0.4
STYT	baz=230	eS	Sn	12 20 14.4 -0.1
WDLH Douliu	1.66 260	↑P	Pb	12 19 55.6 -0.7
WDLH	baz=259	eS	Sb	12 20 17.6 +0.8
TPUB Ta-pu	1.69 247	↑P	Pn	12 19 55.9 -1.1
TPUB	baz=246	S	Sn	12 20 16.5 +1.1
TPUB Ta-pu	1.69 247	↑P	Pb	12 19 56.0 -1.0
TPUB	baz=246	Sn	Sn	12 20 16.3 +0.9
JJJ Ishigaki jima	1.71 77	↑P	Pn	12 19 55.5 +0.9
JJJ	baz=276	S	Pn	12 20 18.1 0.0
CHN4 Tsauhan	1.71 249	eP	Pn	12 19 56.0 +1.3
CHN4	baz=248	eS	Sb	12 20 17.7 -0.4
WTP Ta-pu	1.73 245	↑P	Pn	12 19 56.1 +1.0
WTP	baz=245	eS	Sb	12 20 18.4 -0.5
CHN2 Minshiung	1.75 255	eP	Pb	12 19 57.4 -0.5
CHN2	baz=255	eS	Pb	12 20 19.2 -0.2
RLNB Erin	1.80 267	↑P	Pb	12 19 57.5 -1.2
RLNB	baz=266	S	Sb	12 20 20.4 -0.4
CHY Chiayi	1.81 255	eP	Pb	12 19 58.1 -0.7
CHY	baz=254	eS	Pn	12 20 20.0 -0.9
SLGT Liugui	1.83 238	↑P	Pn	12 19 57.3 +1.0
TWK Hsinying	1.83 247	eP	Pn	12 19 57.8 +1.4
TWK	baz=247	eS	Sb	12 20 20.6 -1.1
CHN1 Nanshi	1.83 244	eP	Pn	12 19 57.8 +1.5
CHN1	baz=244	eS	Pn	12 20 21.2 -0.5
SGST Jiashian	1.83 241	eP	Pn	12 19 56.7 +0.3
SGST	baz=230	eS	Sb	12 20 20.8 -1.0
SNST Tainan City	1.84 246	eP	Pb	12 19 58.1 -1.3
SNST	baz=246	eS	Sb	12 20 21.7 -0.3
ECL Taimali	1.87 223	eP	Pn	12 19 55.7 -1.2
ECL	baz=223	eS	Sn	12 20 18.1 -1.6
WTCT Ta-ch'eng	1.87 267	eP	Pn	12 19 58.1 +1.2
WTCT	baz=265	eS	Sb	12 20 22.5 -0.4
JISG Ishigakijimahi	1.91 71	↑P	Pn	12 19 58.3 +0.9
JISG	baz=255	eS	Sb	12 20 23.3 -0.7
WLBG Puzi	1.92 255	eP	Pn	12 19 58.3 +0.7
WMLT Mailiao	1.93 265	eP	Pb	12 19 59.5 -1.4
WMLT	baz=279	eS	Sb	12 20 24.1 -0.5
WSF Zshu	1.95 260	eP	Pn	12 19 59.5 +1.4
WSF	baz=259	eS	Sb	12 20 24.3 -1.0
SSD Sandimen	1.98 232	eP	Pn	12 19 58.9 +0.4
SSD	baz=222			

CHN3 Shinhua	2.01 244	eP	Pb	12 20 01.7 -0.6
CHN8 Yiju	2.04 252	eP	Pn	12 20 00.5 +1.3
CHN8	baz=252	S	Sn	12 20 25.8 +2.0
LAY Lan-yu	2.06 200	eP	Pn	12 19 58.2 -1.4
LAY	baz=210	eS	Sn	12 20 22.2 -2.4
MASBT Mashibuluo	2.07 229	↑P	Pn	12 19 59.7 +0.1
TAW Tawu	2.09 219	eP	Pn	12 19 59.4 -0.5
EAST Anshuo	2.09 221	↑P	Pn	12 19 59.2 -0.9
TWM1 Shoushan	2.09 237	↑P	Pb	12 20 02.6 -1.1
SGLT Jiouru	2.10 234	eP	Pb	12 20 03.0 -0.8
SCLT Jiali	2.11 248	eP	Pn	12 20 01.9 +1.7
SCLT	baz=248	S	Sb	12 20 28.6 -1.2
TAI1 Yung-k'ang	2.14 244	eP	Pb	12 20 02.9 -1.6
TAI1	baz=244	eS	Pb	12 20 29.6 -1.0
SNJT Kaoshiung City	2.20 236	↑P	Pb	12 20 04.2 -1.3
SNJT	baz=237	eS	Sb	12 20 32.7 +0.4
SSPT Xinbi	2.20 227	eP	Pn	12 20 02.9 +1.4
SCZT Fangliu	2.24 225	eP	Pn	12 20 02.3 +0.2
JTJ Tarama	2.27 73	↑P	Pn	12 20 03.8 +1.5
JTJ	baz=224	S	Sb	12 20 33.1 -1.2
KAU Kaoshiung	2.33 233	eP	Pn	12 20 05.3 +2.1
WLCH Liugui	2.42 228	↑P	Pb	12 20 07.9 -1.3
TWP Hsiao-liuchiu	2.43 228	↑P	Pb	12 20 08.0 -1.5
HEN Hengchun	2.45 217	eP	Pn	12 20 05.9 +1.0
TSEB Hengchuen, Pin	2.46 213	eP	Pn	12 20 05.8 +0.9
TWKBT Hengchun	2.47 215	↑P	Pn	12 20 05.3 +0.2
TWKBT	baz=216	eS	Sn	12 20 35.5 +1.0
TWK1 Hengchun	2.47 215	↑P	Pn	12 20 05.2 +0.1
WDGT Dungji	2.55 254	eP	Pn	12 20 06.7 +0.5
WDGT	baz=252	eS	Sn	12 20 35.8 -0.6
PHUB Ping-hu	2.56 260	↑P	Pn	12 20 07.0 +0.6
PHUB	baz=259	S	Sn	12 20 36.4 -0.4
PNG Penghu	2.57 261	↑P	Pn	12 20 06.9 +0.4
PNG	baz=260	S	Sn	12 20 38.0 +1.0
JIRB Irabujima	2.73 72	P	Pn	12 20 10.2 +1.5
JIRB	baz=254	eS	Sb	12 20 44.3 -3.3
VCHM Qimei	2.76 254	eP	Pn	12 20 09.9 +0.7
VCHM	baz=254	eS	Sn	12 20 41.6 -0.2
PTTC Pingtan	2.77 304	↑P	Pn	12 20 08.6 -0.7
VWUC VW				

19d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like POLP, WHN, TGy, etc.

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNY, CD2, KMI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TEY, LKP, LUWI, etc.

KLMR	comp=Z,191nm,1.8s	ePP	PP	12 32 32.2	-2.5
KLMR		PPP	PPP	12 34 16.8	
KLMR		S	S	12 38 54.5	-0.8
KLMR		SS	SS	12 38 54.5	+0.8
KLMR		SS	SS	12 43 25.6	+1.6
KLMR		SS	SS	12 43 25.6	+1.6
KLMR		LO	LO	12 52 59.4	
KLMR		LO	LO	12 52 59.4	
KLMR		LR	LR	12 55 31.2	
KLMR		LR	LR	13 01 56.1	
IMAR	comp=Z,9um,15.5s	P	P	12 30 09.3	-0.6
VRH	Indian Mountai	65.89 26	P	12 30 09.0	-1.2
VRH	Novokhoporsk	65.91 317	eP	12 38 50.2	-5.7
VRH		eS	S		
VRH	comp=Z,140nm,0.8s	pmax	pmax		
VRH	comp=Z,170nm,1.0s	smax	smax		
VRH	comp=N,1um,13.8s	MLR	MLR		
NCK	comp=Z,3um,20.0s	MLR	MLR		
NCK	Nalchik	65.96 309	iP	12 30 10.8	+0.1
NCK		eP	P		
NCK	comp=Z,53nm,0.8s	pmax	pmax		
NCK	comp=Z,5um,17.0s	MLR	MLR		
GOF	Goifsoyko	66.06 310	eP	12 30 11.5	+0.2
GOF		eP	P		
TMCR	comp=Z,231nm,1.3s	pmax	pmax		
TMCR	Tamitsa	66.22 332	eP	12 30 11.0	-0.9
TMCR		eS	S	12 38 58.0	-1.2
KBZ	comp=Z,159nm,1.4s	pmax	pmax		
KBZ	Khabaz	66.41 309	P	12 30 13.7	+0.2
KBZ	comp=Z,61nm,1.1s,baz=98,slow=4.1,SNR=66	LR	LR	13 02 53.4	
KBZ	Khabaz	66.41 309c	iP	12 30 13.6	0.0
KBZ		eP	P		
AKH	comp=Z,143nm,1.3s	MLR	MLR		
AKH	Akhalkakali	66.44 306	iP	12 30 16.0	+1.9
AKH	Akhalkakali	66.44 306	P	12 30 15.3	+1.2
AKH	comp=Z,202nm,1.2s	pmax	pmax		
AKH	comp=Z,5um,19.0s	MLR	MLR		
AKH	Akhalkakali	66.44 306	P	12 30 15.3	+1.2
AKH		IAMS_20	IAMS_20	13 03 55.9	
KVAR	comp=Z,5um,19.0s	MLR	MLR		
KVAR	Kislovodsk Arr	66.51 309	P	12 30 15.4	+1.0
KIV	comp=Z,32nm,1.0s,baz=270,slow=20,SNR=6.9	LR	LR	13 02 53.4	
KIV	Kislovodsk	66.52 309	iP	12 30 14.8	+0.3
KIV	SNR=16	eP	P		
KIV	Kislovodsk	66.52 309	eP	12 30 14.7	+0.3
KIV		eS	S	12 32 41.0	
KIV		eSS	SS	12 39 05.8	+1.9
KIV		pmax	pmax	12 43 24.0	+3.3
KIV	comp=Z,540nm,1.1s	pmax	pmax		
KIV	comp=Z,520nm,4.7s	MLR	MLR		
KIV	comp=Z,9um,17.0s	MLR	MLR		
KIV	Kislovodsk	66.52 309	P	12 30 14.4	0.0
KIV		IAMS_20	IAMS_20	13 02 32.7	
SHAI	comp=Z,4um,19.0s	MLR	MLR		
NEY	Shidzhatmaz	66.58 309c	iP	12 30 15.3	+0.3
NEY	Neytrino	66.63 308c	eP	12 30 15.9	+0.7
NEY		pmax	pmax		
NEY	comp=Z,12nm,0.8s	MLR	MLR		
PPLA	comp=Z,1um,17.0s	MLR	MLR		
PPLA	Purkeypile	66.90 30	P	12 30 17.4	+0.8
PPLA		IAMB	IAMB	12 31 18.3	
COLD	comp=Z,86nm,1.4s	MLR	MLR		
TOLK	Goldfool	67.17 25	P	12 30 18.9	+0.9
TOLK	Toolik Lake Re	67.22 23	P	12 30 18.1	-0.2
TOLK		IAMB	IAMB	12 30 47.9	
TOLK	comp=Z,38nm,0.9s	IAMS_20	IAMS_20	13 01 48.7	
TOLK	comp=Z,4um,18.0s	MLR	MLR		
TOLK	Toolik Lake Re	67.22 23	P	12 30 17.4	-1.0
MLY	comp=Z,2um,18.0s	MLR	MLR		
BPAW	Manley	67.25 27	P	12 30 18.7	+0.1
BPAW	Bear Paw Mtn.	67.27 28	IAMB	12 30 18.7	-0.1
BPAW		IAMB	IAMB	12 31 09.6	
SKT	comp=Z,69nm,1.4s	MLR	MLR		
SKT	Skwentna	67.33 31	P	12 30 19.4	+0.2
SKT		IAMB	IAMB	12 30 38.5	
SKT	comp=Z,90nm,1.8s	IAMS_20	IAMS_20	12 59 32.4	
KTH	comp=Z,3um,19.0s	MLR	MLR		
VORR	Kantishna Hill	67.38 29	P	12 30 19.6	+0.1
VORR	Voronozh	67.38 318	eP	12 30 18.0	-1.6
VORR		pmax	pmax		
LPSR	comp=Z,500nm,1.4s	MLR	MLR		
LPSR	Galich'y Gora	67.39 319	eP	12 30 18.4	-1.2
LPSR		pmax	pmax		
LPSR	comp=Z,150nm,1.0s	MLR	MLR		
VSR	comp=Z,290nm,1.2s	MLR	MLR		
VSR	Storozhevoye	67.49 317	eP	12 30 19.0	-1.3
VSR		eS	S	12 39 13.1	-2.0
VSR	comp=Z,170nm,1.4s	pmax	pmax		
VSR	comp=Z,410nm,1.8s	pmax	pmax		
VSR	comp=N,310nm,11.6s	smax	smax		
VSR	comp=Z,3um,16.0s	MLR	MLR		
MOS	Moscow	67.59 322	eP	12 30 15.5	-5.3
MOS		eS	S	12 30 42.1	
MOS		pmax	pmax	12 39 10.7	-5.4
MOS	comp=Z,205nm,1.6s	pmax	pmax		
MOS	comp=Z,1um,3.2s	MLR	MLR		
MOS	comp=Z,5um,18.0s	MLR	MLR		
MOS	comp=N,2um,17.0s	MLR	MLR		
MOS	comp=E,4um,18.0s	MLR	MLR		
APA	comp=Z,4um,18.0s	MLR	MLR		
APA	Apatity	67.67 335	iP	12 30 14.5	-6.6
APA		pmax	pmax		
TRF	comp=Z,26nm,0.9s	MLR	MLR		
TRF	Thorofare Moun	67.67 29	P	12 30 21.9	+0.5
TRF		IAMB	IAMB	12 31 25.0	
BATM	comp=Z,48nm,1.2s	MLR	MLR		
SUA	Batumi	67.72 307	iP	12 30 22.8	+0.9
SUA	Susitna One	67.78 31	P	12 30 22.6	+0.5
SUA		IAMB	IAMB	12 30 44.8	
BCA	comp=Z,101nm,1.2s	MLR	MLR		
BWN	Borcka	67.81 307	iP	12 30 23.5	+0.9
BWN	Browne	67.92 28	P	12 30 22.0	-0.8
BWN		IAMB	IAMB	12 31 04.8	
BRK	comp=Z,51nm,1.0s	MLR	MLR		
BRK	Bradley Lake	68.00 33	P	12 30 21.6	-1.8
BRK		IAMB	IAMB	12 30 41.7	
MCK	comp=Z,46nm,1.0s	MLR	MLR		
MCK	McKinley	68.23 29	P	12 30 24.2	-0.6
MCK		pmax	pmax		
MCK	comp=Z,49nm,1.1s	MLR	MLR		
MCK	McKinley	68.23 29	P	12 30 24.2	-0.6
MCK		IAMB	IAMB	12 30 45.0	
OBN	comp=Z,49nm,1.1s	MLR	MLR		
OBN	Obninsk	68.30 322c	iP	12 30 24.0	-1.3
OBN		eS	S	12 30 51.7	
OBN		pmax	pmax	12 39 24.9	+0.3
OBN	comp=Z,220nm,1.7s	MLR	MLR		
OBN	comp=Z,5um,19.0s	MLR	MLR		
OBN	Obninsk	68.30 322	P	12 30 24.5	-0.8
MDM	Murphy Dome	68.31 27	P	12 30 25.2	-0.1
MDM		IAMB	IAMB	12 30 44.9	
RND	comp=Z,82nm,1.0s	MLR	MLR		
RND	Reindeer	68.32 29	P	12 30 24.4	-1.0

RND	comp=Z,2um,21.0s	MLR	MLR		
RND	Reindeer	68.32 29	P	12 30 24.4	-1.0
RND		IAMB	IAMB	12 30 44.5	
RC01	comp=Z,82nm,1.0s	MLR	MLR		
RC01	Rabbit Creek A	68.33 32	P	12 30 25.4	0.0
RC01		IAMB	IAMB	12 31 26.2	
WRH	comp=Z,55nm,1.4s	MLR	MLR		
TCOL	Wood River Hill	68.46 28	P	12 30 26.2	+0.1
TCOL	CIGO, UAF Yank	68.48 27	P	12 30 25.7	-0.6
TCOL	baz=281	P	P		
COLA	College	68.49 27	P	12 30 26.5	+0.2
COLA		pmax	pmax		
COLA	comp=Z,19nm,0.8s	MLR	MLR		
COLA	College	68.49 27	P	12 30 26.5	+0.2
COLA	College	68.49 27	IAMS_20	IAMS_20	13 02 57.4
COLA	comp=Z,2um,18.0s	MLR	MLR		
PMR	Palmer	68.52 31	P	12 30 26.0	-0.6
PMR		pmax	pmax		
PMR	comp=Z,108nm,1.7s	MLR	MLR		
PMR	comp=Z,2um,20.0s	MLR	MLR		
PMR	Palmer	68.52 31	P	12 30 26.0	-0.6
PMR		IAMB	IAMB	12 30 53.9	
CCB	comp=Z,108nm,1.7s	MLR	MLR		
GHO	Clear Creek Bu	68.55 28	P	12 30 26.2	-0.5
GHO	Glory Hole Cre	68.59 31	IAMB	12 30 27.0	-0.1
GHO		IAMB	IAMB	12 31 02.6	
POK	comp=Z,56nm,1.2s	MLR	MLR		
SEW	Poker Plat Res	68.61 27	P	12 30 26.7	-0.5
SEW	baz=261,SNR=16	P	P		
SEW	Seward	68.65 33	P	12 30 27.6	+0.2
SEW		IAMB	IAMB	12 30 49.9	
SOC	comp=Z,58nm,1.0s	MLR	MLR		
SOC	Sochi	68.70 309	eP	12 30 26.2	-1.8
SOC		e	e	12 32 56.6	
SOC		ePPP	PPP	12 34 37.8	
SOC		eS	S	12 39 30.5	+0.7
SOC		pmax	pmax		
SOC	comp=Z,100nm,1.1s	MLR	MLR		
SML	comp=Z,4um,18.0s	MLR	MLR		
SML	Sawmill	68.86 31	P	12 30 28.1	-0.6
SML		IAMB	IAMB	12 30 47.6	
KNK	comp=Z,49nm,1.0s	MLR	MLR		
KNK	Knik Glacier	68.88 31	P	12 30 28.5	-0.4
KNK		IAMB	IAMB	12 30 59.0	
IL31	comp=Z,60nm,1.2s	MLR	MLR		
IL31	Eielson Array	68.91 27	P	12 30 28.4	-0.5
IL31		P	P	12 30 27.6	-1.4
ILAR	comp=Z,3.5nm,0.6s,baz=272,slow=5.8,SNR=45	LR	LR	12 58 40.6	
ILAR	comp=Z,1.3nm,1.0s,baz=75,slow=2.0,SNR=6.6	LR	LR	13 03 12.3	
ILAR	comp=Z,2um,18.3s,baz=300,slow=39	LR	LR	12 30 27.8	-1.2
ILAR	Eielson Array	68.91 27	P	12 30 27.8	-1.2
ILAR	Eielson Array	68.91 27	P	12 30 27.8	-1.2
HDA	Harding Lake	68.96 28	P	12 30 26.9	-2.4
HDA	Harding Lake	68.96 28	P	12 30 27.7	-1.6
HDA	baz=282,SNR=11	P	P		
DHY	Denali Highway	69.04 29	P	12 30 29.0	-1.0
FYU	Fort Yukon	69.21 25	P	12 30 31.0	+0.2
FYU		IAMB	IAMB	12 31 29.0	
BMAR	comp=Z,62nm,1.4s	MLR	MLR		
SCM	Burnt Mountain	69.28 24	P	12 30 31.4	+0.1
SCM	Sheep Creek Mo	69.32 30	P	12 30 31.7	0.0
SCM		pmax	pmax		
SCM	comp=Z,67nm,0.8s	MLR	MLR		
SCM	comp=Z,2um,18.0s	MLR	MLR		
SCM	Sheep Creek Mo	69.32 30	P	12 30 31.7	0.0
SCM		IAMB	IAMB	12 30 51.3	
RAYN	comp=Z,67nm,0.8s	MLR	MLR		
RAYN	Ar Rayn	69.40 287	iP	12 30 32.6	-0.1
RAYN	SNR=10	iP	P	12 30 32.7	-0.1
RAYN	SNR=50	P	P		
RAYN	Ar Rayn	69.40 287	P	12 30 32.7	-0.1
RAYN		pmax	pmax		
RAYN	comp=Z,80nm,1.2s	MLR	MLR		
RAYN	Ar Rayn	69.40 287	P	12 30 32.7	-0.1
RAYN		IAMB	IAMB	12 30 34.2	
KEV	comp=Z,80nm,1.1s	MLR	MLR		
KEV	Kevo	69.55 338	P	12 30 31.4	-1.4
KEV		pmax	pmax		
KEV	comp=Z,86nm,1.1s	MLR	MLR		
KEV	Kevo	69.55 338	P	12 30 31.4	-1.4
KEV		IAMB	IAMB	12 30 33.2	
KEV	comp=Z,86nm,1.1s	IAMS_20	IAMS_20	13 05 38.5	
GLI	comp=Z,4um,18.0s	MLR	MLR		
GLI	Glacier Island	69.63 31	P	12 30 33.4	-0.1
GLI		IAMB	IAMB	12 31 08.2	
SPA0	comp=Z,62nm,1.2s	MLR	MLR		
SPA0	Spitsbergen Ar	69.90 348	eP	12 30 34.1	-0.8
SPA0	Spitsbergen Ar	69.90 348	IAMB	12 30 34.4	-0.5
SPA0		IAMB	IAMB	12 30 35.1	
FID	comp=Z,122nm,1.1s	MLR	MLR		
FID	Port Fidalgo	69.96 32	P	12 30 34.6	-0.9
FID		IAMB	IAMB	12 30 55.1	
RIDG	comp=Z,92nm,1.2s	MLR	MLR		
RIDG	Independent R	70.00 28	P	12 30 35.7	-0.1
RIDG					

19d 12h

Table with columns for station name, frequency, and signal strength. Includes stations like SKAG, LEOM, CRRV, and others.

2014 MAR

Table with columns for station name, frequency, and signal strength. Includes stations like CRVS, DRGR, NORARS Array S, and others.

1026

Table with columns for station name, frequency, and signal strength. Includes stations like DPC, MSWZ, BFZ, and others.

19d 12h

Table with columns: Station, Name, Time, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes stations like Camas Ranch, Rubicon Trail, Pah Rah Range, etc.

2014 MAR

Table with columns: Station, Name, Time, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes stations like Pine Spring Goldstone, Lac du Bonnet, Cartagena, etc.

1028

Table with columns: Station, Name, Time, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes stations like Muleshoe, Cornudas Mountain, Lake County, etc.

WHTX	Lake Whitney	112.59	36	IAMS_20	IAMS_20	13 30 54.8
W41B	Gary Mavity, V	112.66	30	IAMS_20	IAMS_20	13 32 01.6
T45A	Paducah	112.67	27	IAMS_20	IAMS_20	13 34 44.4
QUA2	Belchertown	112.69	12	IAMS_20	IAMS_20	13 28 16.2
PENMO	Penman	112.74	28	IAMS_20	IAMS_20	13 34 41.6
PVMO	Portageville	112.75	28	IAMS_20	IAMS_20	13 29 42.6
054A	Avelle	112.75	19	IAMS_20	IAMS_20	13 28 05.5
Q51A	Peebles	112.87	21	IAMS_20	IAMS_20	13 30 29.1
Z38A	Mt. Pleasant	112.89	33	IAMS_20	IAMS_20	13 30 52.2
R49A	Shelbyville	112.89	23	IAMS_20	IAMS_20	13 32 39.9
PEBM	Pemiscott Bay	112.93	28	IAMS_20	IAMS_20	13 30 10.6
X40A	Basin Creek Fa	112.94	31	IAMS_20	IAMS_20	13 31 50.4
KSCCT	Kent School, K	113.00	13	IAMS_20	IAMS_20	13 31 32.6
SSPA	Standing Stone	113.02	17	IAMS_20	IAMS_20	13 29 57.4
LPAR	Lepanto	113.17	29	IAMS_20	IAMS_20	13 34 26.1
056A	Blue Knob Stat	113.18	17	IAMS_20	IAMS_20	13 33 35.8
R50A	Paris	113.20	23	IAMS_20	IAMS_20	13 28 13.0
N59A	State Game Lan	113.27	15	IAMS_20	IAMS_20	13 31 51.1
T47A	Sharon Grove	113.31	25	IAMS_20	IAMS_20	13 30 46.2
HALT	Halls	113.33	28	IAMS_20	IAMS_20	13 35 07.2
435B	Jarrell	113.45	37	IAMS_20	IAMS_20	13 29 51.7
Z37A	Washetta, Mont	113.46	35	IAMS_20	IAMS_20	13 30 51.6
WLAR	White Oak Lake	113.47	32	IAMS_20	IAMS_20	13 31 53.3
PAL	Palisades	113.60	13	IAMS_20	IAMS_20	13 31 54.7
MET	Nienmphi-Engin	113.74	29	IAMS_20	IAMS_20	13 32 16.0
WVT	Waverly	113.76	26	IAMS_20	IAMS_20	13 35 23.4
QSPA	South Pole Qui	113.78	180	IAMS_20	IAMS_20	13 28 51.0
T49A	Edmonton	113.81	24	IAMS_20	IAMS_20	13 33 24.3
X43A	Marvell	113.82	30	IAMS_20	IAMS_20	13 31 44.4
R53A	Hurricane	113.96	21	IAMS_20	IAMS_20	13 36 11.8
Z41A	Richland Creek	113.97	32	IAMS_20	IAMS_20	13 32 07.5
S51A	Beattyville	114.03	22	IAMS_20	IAMS_20	13 26 51.0
W45A	Hickory Valley	114.03	28	IAMS_20	IAMS_20	13 35 39.7
U49A	Red Boiling Sp	114.24	25	IAMS_20	IAMS_20	13 34 28.7
NATX	Nacogdoches	114.25	34	IAMS_20	IAMS_20	13 31 47.3
833A	Chaparral WMA	114.28	40	IAMS_20	IAMS_20	13 35 07.0
SDMD	Soldier's Deli	114.44	16	IAMS_20	IAMS_20	13 31 58.0
OXF	Oxford	114.48	29	IAMS_20	IAMS_20	13 32 30.7
X46A	Smith Brothers	114.51	26	IAMS_20	IAMS_20	13 31 24.0
R55A	Marlinton	114.58	19	IAMS_20	IAMS_20	13 34 45.0
PLAL	Pickwick Lake	114.65	27	IAMS_20	IAMS_20	13 36 07.1
T52A	Hallie	114.72	22	IAMS_20	IAMS_20	13 27 56.2
735A	Kenedy	114.80	39	IAMS_20	IAMS_20	13 30 45.6
HKT	Hockley	115.05	36	IAMS_20	IAMS_20	13 34 37.7
Q60A	Greensboro	115.07	16	IAMS_20	IAMS_20	13 33 06.8
SWET	Sewanee	115.32	25	IAMS_20	IAMS_20	13 32 05.4
X48A	Hartselle	115.53	27	IAMS_20	IAMS_20	13 37 38.4
V52A	Serville	115.64	23	IAMS_20	IAMS_20	13 34 52.7
U54A	Nelsons Funny	115.65	21	IAMS_20	IAMS_20	13 33 20.6
CPCT	Cooper Cave	115.65	24	IAMS_20	IAMS_20	13 29 26.1
342A	Flagon Creek P	115.73	33	IAMS_20	IAMS_20	13 34 07.4
FPAL	Fort Paul	116.03	25	IAMS_20	IAMS_20	13 36 21.4
X51A	Calhoun	116.31	25	IAMS_20	IAMS_20	13 34 26.5
Y49A	Glount Mountai	116.31	27	IAMS_20	IAMS_20	13 32 11.8
BG3	Lake Jocassee	116.64	23	IAMS_20	IAMS_20	13 35 52.1
Z50A	Ashland	117.03	26	IAMS_20	IAMS_20	13 32 34.0
Y52A	Lilburn	117.23	25	IAMS_20	IAMS_20	13 34 55.0
HODGE	Hodges	117.57	23	IAMS_20	IAMS_20	13 32 15.6
GOGA	Godfrey	117.86	24	IAMS_20	IAMS_20	13 30 42.5
250A	Grady	118.00	27	IAMS_20	IAMS_20	13 35 48.7
Z56A	Williston	118.70	23	IAMS_20	IAMS_20	13 32 15.6
154A	Montrose	118.71	24	IAMS_20	IAMS_20	13 37 32.0
352A	Blakely	118.99	27	IAMS_20	IAMS_20	13 33 43.8
NVL	N'lazarevskaya	119.18	201	ePKIKP	PKIKP	12 28 24.8 +1.2
NVL	NVL	122.58	45	eSS	SS	12 25 58.1 +5.5
DBIC	Dimbokro	120.12	294	ePKP	PKP	12 28 15.9 -0.2
KIC	Kosan Boka	120.23	293	ePKP1	PKP1	12 28 15.5 -0.8
TIC	Toumoudi	120.31	294	ePKP1	PKP1	12 28 15.8 -0.7
LIC	Lamto	120.54	293	ePKP1	PKP1	12 28 16.3 -0.6
656A	Willston	121.81	26	IAMS_20	IAMS_20	13 32 21.5
SNA	Sanae	123.38	198	PKP	PKP	12 28 20.7 +0.1
VNA2	Neumayer-Watz	123.38	198	PKP	PKP	12 28 24.5 +0.3
CMIG	Matias Romero	125.36	45	ePKP	PKP	12 28 26.0 0.0
VNA1	Neumayer-Stat	125.41	198	PKP	PKP	12 28 23.4 -1.0
VNA3	Neumayer Olymp	125.48	197	PKP	PKP	12 28 24.8 +0.1
CCIG	Comitan	127.71	43	IAMS_20	IAMS_20	13 34 44.5
APG	El Apazote	129.72	43	PKP	PKP	12 28 34.3 -0.4
GTBY	Guantanamo Bay	133.16	23	IAMS_20	IAMS_20	13 43 32.7
MTDJ	Mount Denham	133.79	27	IAMS_20	IAMS_20	13 45 35.7
ACON	Acopyana	135.29	40	PKP	PKP	12 28 44.6 -0.3
JTS	Las Juntas de	136.75	41	PKP	PKP	12 28 47.3 -0.3
JTS	Las Juntas de	136.75	41	IAMS_20	IAMS_20	13 51 45.5
SJG	San Juan	137.35	12	IAMS_20	IAMS_20	13 47 26.4
HDC	Heredia	137.47	40	IAMS_20	IAMS_20	13 51 37.8
SMRT	St. Maarten	137.89	8	IAMS_20	IAMS_20	13 43 51.3
SABA	Saba	138.29	8	IAMS_20	IAMS_20	13 48 13.0
SEUS	St. Eustatius	138.45	8	IAMS_20	IAMS_20	13 44 57.1
SKI	Saint Kitts	138.64	7	IAMS_20	IAMS_20	13 43 35.0

PMSA	Palmer Station	139.01	176	eP	PKIKP	12 38 52.2 -0.2
BCIP	Alia Barro Col	140.57	36	IAMS_20	IAMS_20	13 53 08.7
FDF	Fort de France	141.37	5	IAMS_20	IAMS_20	13 45 44.3
CODC	Agustin Codazzi	142.93	26	eP	PKP	12 38 51.7 -7.2
SMLC	San Martin de	143.69	28	eP	PKP	12 38 54.4 -2.5
UREC	San Jos de Ur	143.96	31	eP	PKP	12 38 53.9 -4.0
Dabela	Dabela	144.27	39	eP	PKP	12 38 58.8 -0.4
SOLC	Bahia Solano	144.33	35	eP	PKP	12 38 58.8 -0.5
ZARC	Zaragoza, Cauc	144.50	30	eP	PKP	12 38 58.3 -1.6
OCAC	Ocana	144.51	27	eP	PKP	12 38 59.8 -0.3
SDV	Santo Domingo	144.96	23	PKP	PKP	12 39 01.5 -0.3
SDV	Santo Domingo	144.96	23	IAMS_20	IAMS_20	13 46 49.4
SDV	Santo Domingo	144.96	23	eP	PKP	12 39 00.3 -1.5
HLCC	Santa Helena	145.32	32	eP	PKP	12 39 01.5 -1.7
SDC	Ciudad Bolivar	145.26	36	eP	PKP	12 39 02.3 -0.9
PCRV	Puerto La Cruz	145.37	12	PKP	PKP	12 39 01.4 -1.6
PLCV	Puerto La Cruz	145.39	12	eP	PKP	12 39 01.4 -1.6
PLCZ	Pizarro, Choco	145.41	36	eP	PKP	12 39 02.0 -1.1
PTMC	PUERTO BERRIO	145.52	30	eP	PKP	12 39 02.0 -1.4
PAMC	Pamplona, Colo	145.58	27	eP	PKP	12 39 04.0 -0.1
PLBC	San Jos del P	146.04	35	eP	PKP	12 39 03.7 -0.7
BARC	Barichara	146.05	28	eP	PKP	12 39 05.2 -0.2
NORC	Norcesia	146.18	32	eP	PKP	12 39 04.7 0.0
PLCC	Palma Real	146.25	37	eP	PKP	12 39 06.7 -0.1
GUYCZ	Guyana, Caidas	146.23	33	eP	PKP	12 39 05.5 +0.3
SPBC	San Pablo de B	146.48	31	eP	PKP	12 39 04.1 -1.1
RREF	El Recreo	146.52	33	eP	PKP	12 39 05.8 -0.1
GRIC	Gorgona, Isla	146.57	39	eP	PKP	12 39 06.5 -0.2
RUSA	La Rusia	146.72	29	eP	PKP	12 39 05.8 -0.2
YUTC	Yuma, Arauca	146.77	26	eP	PKP	12 39 05.2 -0.1
RJOC	Yotoco, Valle	146.78	36	eP	PKP	12 39 05.4 -0.3
TOLC	Tolima	146.80	33	eP	PKP	12 39 07.2 -0.6
ANIL	Santa Ana	146.84	34	eP	PKP	12 39 07.3 -0.6
ROSC	El Rosal	147.07	32	PKP	PKP	12 39 06.6 +0.1
ROSC	El Rosal	147.07	32	eP	PKP	12 39 05.4 -1.2
ROSC	El Rosal	147.07	32	eP	PKP	12 39 06.8 +0.3
ROSC	El Rosal	147.07	32	IAMS_20	IAMS_20	13 51 40.5
ORTO	Ortega, Tolima	147.42	34	eP	PKP	12 39 06.7 0.0
CHIC	Chingaza	147.54	31	eP	PKP	12 39 07.9 +0.6
VILC	Villavieja,	148.01	31	eP	PKP	12 39 10.9 +0.1
PCON	Cinco Dias	148.13	37	eP	PKP	12 39 11.5 -0.2
SOTA	Rioblanco	148.17	38	eP	PKP	12 39 08.5 0.0
CRUC	La Cruz	148.49	39	eP	PKP	12 39 12.2 0.0
TABA	Tome, Arauca	148.47	40	eP	PKP	12 39 05.6 +0.1
GARC	Garzon, Huila	148.74	36	eP	PKP	12 39 12.7 -0.2
FLOC	Florencia	149.16	37	eP	PKP	12 39 13.5 -0.2
MACC	Macarena, Meta	149.64	33	eP	PKP	12 39 13.9 -1.0
G009	Carro Castillo	150.50	161	PKP	PKP	12 39 15.3 -0.5
MDP	Montagnes des	150.67	50	PKP	PKP	12 39 18.2 +0.2
NBPV	Pedro Velho	152.30	305	eP	PKP	12 39 14.2 -0.2
RCBR	Riachuelo	152.35	307	PKP	PKP	12 39 21.5 -0.1
RCBR	Riachuelo	152.35	307	IAMS_20	IAMS_20	13 50 56.8
RCBR	Riachuelo	152.35	307	eP	PKP	12 39 21.6 +0.1
RCBR	Riachuelo	152.35	307	IAMS_20	IAMS_20	13 50 56.8
RCBR	Riachuelo	152.35	307	eP	PKP	12 39 14.4 0.0
NBCL	Casacabel-CE	152.88	313	eP	PKP	12 39 14.8 -0.4
NBPA	Parau	153.17	309	eP	PKP	12 39 15.2 -0.1
NBMO	Morrinhos-CE	153.31	318	eP	PKP	12 39 15.5 -0.4
NBRF	Rio Formoso -	153.61	301	eP	PKP	12 39 16.2 0.0
ATAH	Ataualpa	154.01	53	PKP	PKP	12 39 18.9 +1.5
ATAH	Ataualpa	154.01	53	PKP	PKP	12 39 20.0 +0.2
NBPB	Pedra Branca-C	154.72	314	eP	PKP	12 39 17.9 +0.1
NBPS	Pedro II - PI	155.01	319	eP	PKP	12 39 18.3 0.0
NBAN	Anadia - Al	155.10	301	eP	PKP	12 39 18.4 0.0
NBML	Muller-CE	155.46	315	eP	PKP	12 39 18.5 -0.3
NBTA	Tacaratu-PE	155.13	305	eP	PKP	12 39 19.8 +0.1
PTGA	Pitinga	156.78	6	PKP	PKP	12 39 21.3 +0.7
PTGA	Pitinga	156.78	6	PKP	PKP	12 39 48.6 -1.2
PTGA	Pitinga	156.78	6	PKP	PKP	12 39 21.1 +0.5
PTGA	Pitinga	156.78	6	PKP	PKP	12 39 48.5 -1.4
PTGA	Pitinga	156.78	6	IAMS_20	IAMS_20	13 54 06.7
PTGA	Pitinga	156.78	6	eP	PKP	12 39 21.1 +0.5
NBLA	Lagarto - SE	157.09	301	eP	PKP	12 39 20.9 0.0
NANA	Nana	158.25	60	PKP	PKP	12 39 21.4 -0.9
NNA	Nana	158.25	60	PKP	PKP	12 39 55.0 -1.4
NNA	Nana	158.25	60	PKP	PKP	12 39 55.9 -0.5
NNA	Nana	158.25	60	PKP	PKP	12 39 21.7
NNA	Nana	158.25	60	PKP	PKP	12 39 21.7 -0.7
NNA	Nana	158.25	60	PKP	PKP	12 39 55.9 -0.5
NBPN	Ponto Novo - B	158.85	305	eP	PKP	12 39 23.1 0.0
PLCA	Paso Flores	160.11	150	PKP	PKP	12 40 05.4 +1.6
PLCA	Paso Flores	160.11	150	PKP	PKP	12 40 05.5 +2.7
PLCA	Paso Flores	160.11	150	PKP	PKP	12 39 24.1
PLCA	Paso Flores	160.11	150	PKP	PKP	

19d 13h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

2014 MAR

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains detailed station data and event information.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations and their data points.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like NTC, SLBB, EHY, OWD, CHGB, TW, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like TPUB, CHN4, CHN4, WTP, etc.

19d 13h: 18.11.7.1.5, 14.235x173.77W, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/29, mbtwp3.4/3, Error ellipse: s-maj=115.7km s-min=24.1km az=163.0, Samoa Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like AFI, H1S2, H1S3, H1S1, etc.

NEIC 19 13:28:50.51.4.19.3S:0.1x177.5W:0.1, h558km, 7km, mb4.6/33, Error ellipse: s-maj=20.2km s-min=15.5km az=132.0

19d 13:28:51.2.1.7.19.35Sx177.66W, h554km, 19km, mb3.2/10, mb1 3.5/12, mb1mx3.9/27, mbtwp4.1/12, Error ellipse: s-maj=20.6km s-min=11.9km az=146.0

19d 13:28:50.2.0.4.19.40S:0.08x177.45W:0.08, h550km, n68, c149/77, mb4.4/23, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like MSVF, AFI, AFI, DZM, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like WB0, WRAB, WRA, WRA, WRA, etc.

JMA 19 13:39:32.4.0.3.25.33Nx124.35E, h133km, 5km, M2.1, Northeast of Taiwan

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

TAP 19 13:39:59.8.24.90N.122.50E, h37km, ML2.2, D, Taiwan region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like TWB1, TWB1, EOS1, etc.

19d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YHNB, NACB, NNSB, NNSH, NNS, ETLH.

SOME 19 13:53:09.8, 39°47N:77°38E, h5km
KRNET 19 13:53:10.3, 0.1, 39°20N:77°53E, mb3.4
NINC 19 13:53:12.7, 1.4, 39°41N:77°31E, h0km, mb4.1, mpv3.7,

Main table for 19d 14h section, listing station codes, names, coordinates, and observation times/residuals.

2014 MAR

Main table for 2014 MAR section, listing station codes, names, coordinates, and observation times/residuals.

1032

Main table for 1032 section, listing station codes, names, coordinates, and observation times/residuals.

h193km:pP-P,475,0159/533,mb4.7/162,32C-27D,

Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like KBL Kabul, CEP Cherat, CHIR Chirah Chowk, etc.

Table with columns: BHPH, Bhopal, 14.38 154 eP, Pn, 14 18 58.1 -0.2. Rows include stations like BHPH Bhopal, GKN Gorkha, WMQ Gorkha, etc.

Table with columns: AKH, Naichik, 21.89 297j eP, P, 14 20 24.4. Rows include stations like AKH Naichik, NCK Naichik, KBZ Khabaz, etc.

19d 14h

Table with columns for station name, frequency, power, and signal strength. Includes stations like SVN, GYVA, ELL, AKASG, NRIK, etc.

2014 MAR

Table with columns for station name, frequency, power, and signal strength. Includes stations like CTI, Castel Tesino, LOTA, MOFAN, etc.

1034

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

1035

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALM Baldy, CRQM Cirque, BARN Barnard Glacier, TGL Tana Glacier, KDAK Kodiak Island, etc.

NEIC 19 14:27:52.0±0.9, 36°30'N, 137°47'E, h127km, 8km, mb4.0/5, Error ellipse: s-maj=17.2km s-min=12.5km az=65.0

JMA 19 14:27:51.7±0.1, 36°23'N, 137°18'E, h273km, 2km, M2.7
IDC 19 14:27:51.9±1.2, 36°43'N, 137°69'E, h284km, 8km, mb3.0/2, mb1.3/2.4, mb1mx2.7/4.1, mbtmp3.8/4, Error ellipse: s-maj=69.4km s-min=19.0km az=100.0

ISC 19 14:27:51.6±0.9, 36°38'N, 137°30'E, h274km, 7km, n31, c172/42, mb4.0/5, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNG Nsakai, MJB9 Matsu-Tunnel, MAJO Matsushiro, etc.

2014 MAR

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

NORS 19 14:31:40.2±0.0, 43°23'N, 145°94'E, h11km, MPVA3.7
ISC 19 14:31:43.9±1.7, 43°13'N, 145°91'E, h18km, 5km, n16, c106/32, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMGR Komgarron, KNZR Khunzakh, VLKR Vladikavkaz, etc.

BJI 19 14:38:05.0±0.0, 6°39'S, 130°86'E, h125km, mb5.1/44, mb5.3/73

MOS 19 14:38:07.9±0.9, 6°01'S, 130°63'E, h118km, mb5.4/43, Error ellipse: s-maj=8.6km s-min=5.0km az=110.0

GCMT 19 14:38:08.7±0.2, 6°02'S, 130°52'E, h124km, 2km, MW5.0/95, Moment Tensor Solution, s33, c39; s95, c150; Durations: 0 Moment tensor: Scale 10^19Nm; Mr1, 70.12; Mr4, 4.74; Mr13, 3.05; Mr14, 1.35; Mr15, 1.39; Mr16, 1.13; Mr10, Best double couple: M6.3400x1016 NP1, 3e2, 0.00000, 0.661, 0.00000, 1.164, 0.00000. NP2: 0.60, 0.00000, 0.76, 0.00000, 1.30, 0.00000. Principal axes: T 4.0930, P1g31, 0.0000, Azm284, 0.0000; N 1.0920, P1g57, 0.0000, Azm85, 0.0000; P -5.1750, P1g10, 0.0000, Azm188, 0.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 19 14:38:09.7±1.9, 6°05'S, 130°64'E, h124km, 3km, mb5.2/123, Error ellipse: s-maj=10.7km s-min=8.1km az=85.0

IDC 19 14:38:09.9±1.2, 6°07'S, 130°61'E, h121km, 10km, mb4.7/35, mb1.4/7.37, mb1mx4.7/4.5, mbtmp5.1/37, MS3.7/14, Ms1.3/7.14, ms1mx3.5/37, Error ellipse: s-maj=10.6km s-min=7.1km az=75.0

DJA 19 14:38:09.9±0.2, 6°S, 131°1E, h123km, 2km, M5.2/90, mb5.6/52, mb5.4/90, MLV5.9/18, Mw(mb)5.1/52, Mwpp5.2/94

ISC 19 14:38:09.6±0.4, 6°06'S, 130°66'E, h124km, 3km, n124, mb4.0/5, P, n59e, c1129/638, mb5.2/156, 33C-13D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAIU Saumlaki, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLA1 Plampang, DAV Davao City (W), DAV 22nm, 0.3s, baz=218, slow=1.9, SNR=4.0, etc.

19d 14h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Albuquerque, Trinidad, Lac du Bonnet, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Hope Point, Neumayer-Stat, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Don Marcelino, General Santos, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, ZAAO Zalesovo Array, MOZ McQuee Hill, etc.

NEIC 19 15:31:16.1±1.0, 5.9LN:0.123; 7E:0.3, h553km, 14km, mb4.0/9, Error ellipse: s-maj=46.1km s-min=6.5km az=54.0

IDC 19 15:31:16.9±3.4, 5.67N:123.30E, h551km, 48km, mb2.7/5, mb1.2/9.5, mb1mx2.5/42, mbtmp3.8/5, Error ellipse: s-maj=124.6km s-min=11.5km az=66.0

ISC 19 15:31:15.6±0.7, 6.0N:0.1-124.0E:0.2, h550km, n24, e+1937/27, mb3.6/9.1, D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKMP Bagumbayan, KCP Kidapawan, DMPP Don Marcelino, etc.

NIED 19 15:48:00.39±80N, 141.80E, h62km, Mw4.1 Best double couple: Ms1.390000, 1015 NP1±9.19.00000, 872.00000, 1.91.00000, NP2±9.195.00000, 818.00000, 1.87.00000, 0.0

JMA 19 15:48:37.8, 39.76N:141.84E, h59km, 1km, M3.9 Broadband fault plane solution: P waves. NP1: 0±178.00000, 826.00000, 1.70.00000, NP2±20.00000, 0±66.00000, 1.99.00000, Principal axes: T P1g68.00000, Azm308.00000, N P1g9.00000, Azm196.00000, P P1g20.00000, Azm103.00000

JMA Felt J1, IDC 19 15:48:39.7±2.0, 39.75N:141.82E, h79km, 18km, mb3.7/20, mb1.3/0.25, mb1mx2.7/51, mbtmp4.0/25, MS3, 1/3, Ms1.3/3, ms1mx2.7/44, Error ellipse: s-maj=17.9km s-min=12.3km az=114.0

NEIC 19 15:48:40.1±1.4, 39.72N:141.8E:0.2, h85km, 7km, mb4.5/20, Error ellipse: s-maj=17.9km s-min=10.0km az=114.0

BUI 19 15:48:42.3±0.0, 39.50N:141.34E, h122km, mb4.9/22, mb4.4/25

ISC 19 15:48:37.7±0.6, 39.74N:141.79E:0.05, h61km, 5km, n100, e±203/106, mb4.3/30, 3C-9D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MIYJ Miyakonagasawa, JTH Tanohata, JKH Kuzumaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JRG Rokugo, JAH Hinai, JTM Tenmabayashi, etc.

NEIC 19 15:31:16.1±1.0, 5.9LN:0.123; 7E:0.3, h553km, 14km, mb4.0/9, Error ellipse: s-maj=46.1km s-min=6.5km az=54.0

IDC 19 15:31:16.9±3.4, 5.67N:123.30E, h551km, 48km, mb2.7/5, mb1.2/9.5, mb1mx2.5/42, mbtmp3.8/5, Error ellipse: s-maj=124.6km s-min=11.5km az=66.0

ISC 19 15:31:15.6±0.7, 6.0N:0.1-124.0E:0.2, h550km, n24, e+1937/27, mb3.6/9.1, D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XAN Xi'an, H1N2 WAKE ISLAND Hy 29.38 125, H1N1 WAKE ISLAND Hy 29.38 125, etc.

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

IDC 19 15:49:30.8±1.3, 44.42N:148.27E, h0km, mb3.7/5, mb1.3/8.5, mb1mx3.5/46, mbtmp3.7/5, Error ellipse: s-maj=37.6km s-min=29.6km az=140.0

MOS 19 15:49:36.7±1.1, 44.38N:148.22E, h61km, mb4.2/5, Error ellipse: s-maj=1.2km s-min=9.2km az=50.9

SKHL 19 15:49:39.6±0.6, 44.32N:148.40E, h55km, 4km, mb4.6/14

NEIC 19 15:49:39.8±0.8, 44.5N:0.1-148.2E:0.1, h68km, 8km, mb4.3/13, Error ellipse: s-maj=18.2km s-min=13.8km az=165.0

ISC 19 15:49:36.4±1.5, 44.29N:148.35E:0.08, h41km, 13km, n63, e±138/74, mb3.9/13, 1C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 870nm, 0.4s, KUR 3um, 0.4s, etc.

MLY	Manley	95.02	11	P	P	16 13 41.3	-0.5
N23A	Red Feather La	95.03	46	P	IAMS_20	16 13 43.1	+0.4
N23A	comp-Z,2um,22.0s				IAMS_20	16 47 10.7	
N23A	Red Feather La	95.03	46	P	P	16 13 42.9	+0.2
ABTX	Abilene, Hawle	95.04	56	P	IAMB	16 13 42.6	-0.1
ABTX	comp-Z,23nm,1.1s				IAMS_20	16 47 49.1	
ABTX	Abilene, Hawle	95.04	56	P	P	16 13 42.5	-0.1
BCAR	Beaver Creek A	95.05	15	P	P	16 13 41.9	0.0
WALA	Waterton Lakes	95.13	36	P	P	16 13 42.8	0.0
HDA	Harding Lake	95.14	13	P	P	16 13 42.3	+0.1
HDA	Harding Lake	95.14	13	P	P	16 13 42.9	+0.7
CCB	Clear Creek Bu	95.19	12	P	P	16 13 42.2	-0.3
PB11	IPOC Station P	95.19	115	IAMS_20	IAMS_20	16 46 18.6	
HHC	Hu-ho-hao-te	95.27	314	eP	SKS	16 13 44.4	+0.8
HHC					SKS	16 24 17.4	0.0
HHC					LR	16 24 57.3	0.0
HHC	comp-Z,4um,18.1s				LR	16 47 49.1	
HHC	comp-Z,2um,18.7s				LR	16 47 49.1	
SCRK	Sand Creek	95.35	14	P	P	16 13 43.5	+0.1
RLMT	Red Lodge	95.36	41	P	IAMS_20	16 13 44.0	0.0
RLMT	comp-Z,2um,20.0s				IAMS_20	16 48 59.8	
RLMT	Red Lodge	95.36	41	P	P	16 13 44.1	+0.1
TCOL	CIGO, UAF Yank	95.38	12	P	P	16 13 44.1	+0.8
COLA	College	95.39	12	P	pmax	16 13 42.9	-0.4
COLA	comp-Z,40nm,1.4s				MLR	16 47 49.1	
COLA	College	95.39	12	P	IAMB	16 13 42.9	-0.4
COLA	College	95.39	12	P	IAMS_20	16 51 60.0	
MDM	Murphy Dome	95.39	12	P	P	16 13 42.8	-0.6
IMAR	Indian Mountai	95.44	9	P	P	16 13 43.5	-0.1
IL31		95.47	12	P	P	16 13 43.3	-0.4
ILAR	Eielson Array	95.47	12	P	PP	16 13 43.5	-0.2
ILAR	comp-Z,4.3nm,0.8s,baz=221,slow=5.4,SNR=32				PP	16 17 41.5	+6.2
ILAR	comp-Z,4.2nm,1.0s,baz=229,slow=7.0,SNR=6.3				LR	16 52 39.3	
ILAR	comp-Z,235nm,19.2s,baz=218,slow=33				LR	16 52 39.3	
ILAR	Eielson Array	95.47	12	P	P	16 13 43.4	-0.4
CD2	Chengdu	95.61	302	P	PP	16 13 46.9	+1.6
CD2					PP	16 17 35.5	-1.6
CD2					SKS	16 24 19.5	-0.1
CD2					SS	16 25 01.0	+0.4
CD2					SS	16 31 33.5	+3.2
CD2	comp-Z,40nm,0.6s				pmax	16 47 49.1	
CD2	comp-Z,270nm,4.5s				LR	16 47 49.1	
CD2	comp-Z,950nm,22.1s				LR	16 47 49.1	
CD2	comp-Z,1um,24.0s				LR	16 47 49.1	
CD2	comp-Z,1um,23.0s				LR	16 47 49.1	
K22A	Casper	95.63	44	P	IAMB	16 13 45.3	+0.1
K22A	comp-Z,15nm,0.8s				IAMB	16 13 47.9	
K22A	Casper	95.63	44	P	P	16 13 46.0	+0.7
435B	Jarrell	95.65	58	IAMS_20	IAMS_20	16 52 22.8	
POKR	Poker Plat Res	95.68	12	P	P	16 13 45.3	+0.5
TGUH	Tegucigalpa,Un	96.24	77	IAMS_20	IAMS_20	16 46 23.3	
WHTX	Lake Whitney	96.34	57	IAMS_20	IAMS_20	16 48 19.7	
PRP	Porcupine Dome	96.40	13	P	P	16 13 47.7	-0.4
RDOG	Red Dog Mine	96.41	5	IAMS_20	IAMS_20	16 14 25.5	
RDOG	comp-Z,2um,22.0s				IAMS_20	16 49 22.0	
DAWY	Dawson	96.47	16	P	P	16 13 49.1	+0.7
DAWY	comp-Z,2um,22.0s				IAMS_20	16 49 22.0	
JTS	Las Juntas de	96.54	82	eP	pmax	16 13 51.2	+1.3
HKT	Hockley	96.58	60	IAMS_20	IAMS_20	16 48 49.5	
BILL	Biilbino	96.64	354	eP	SKS	16 13 49.0	0.0
BILL					e	16 17 44.0	
BILL					iS	16 24 23.0	-0.1
BILL					iSS	16 31 44.9	+1.7
BILL	comp-Z,26nm,1.5s				pmax	16 47 49.1	
BILL	comp-Z,1um,20.0s				MLR	16 47 49.1	
BILL	Biilbino	96.64	354	P	IAMB	16 13 48.7	-0.3
BILL	comp-Z,39nm,1.6s				IAMB	16 13 55.0	
EGAK	Eagle	96.67	15	P	P	16 13 49.5	+0.3
EGAK	comp-Z,21nm,1.3s				IAMB	16 14 04.2	
WMOK	Wichita Mounta	96.71	54	P	P	16 13 50.7	+0.5
EGMT	Eagleton	96.75	39	IAMS_20	IAMS_20	16 48 50.0	
HDC	Heredia	97.14	83	IAMS_20	IAMS_20	16 47 01.7	
X34A	Smith Ranch, M	97.32	55	IAMS_20	IAMS_20	16 49 32.5	
U32A	Winter Ranch,	97.36	53	IAMS_20	IAMS_20	16 56 30.1	
237A	Washetta, Mont	97.57	58	IAMS_20	IAMS_20	16 49 48.5	
RSSD	Black Hills	97.94	44	P	P	16 13 55.0	-0.8
RSSD	comp-Z,28nm,1.0s				MLR	16 47 49.1	
RSSD	Black Hills	97.94	44	P	IAMB	16 13 55.0	-0.8
RSSD	comp-Z,28nm,0.9s				IAMB	16 13 58.3	
RSSD	Black Hills	97.94	44	P	P	16 13 56.1	+0.4
ESPN	Las Esperanzas	97.97	80	IAMS_20	IAMS_20	16 47 29.5	
OKFA	Oklahoma City	97.99	54	IAMS_20	IAMS_20	16 49 16.1	
LAC	LASA Array	98.00	41	IAMS_20	IAMS_20	16 51 32.6	
LZH	Lanzhou	98.06	307	eP	Pdf	16 13 57.6	+1.2
LZH					pP	16 14 08.3	+0.4
LZH					SKS	16 24 29.3	-3.0
LZH					SS	16 25 27.8	+6.0
LZH					SS	16 32 04.3	-0.6
LZH	comp-Z,21nm,1.1s				pmax	16 47 49.1	
LZH	comp-Z,160nm,5.6s				LR	16 47 49.1	
LZH	comp-Z,490nm,16.3s				LR	16 47 49.1	
LZH	comp-Z,830nm,17.9s				LR	16 47 49.1	
LPZA	La Paz	98.26	113	P	Pdf	16 13 59.9	+1.5
LPZA	comp-Z,1.5nm,0.8s,baz=348,slow=6.2,SNR=4.6				PKKPbc	16 30 30.5	+1.5
LPZA	comp-Z,0.9nm,0.7s,baz=46,slow=8.2,SNR=3.9				LR	16 49 20.5	
LPZA	comp-Z,962nm,21.8s,baz=246,slow=30				LR	16 49 20.5	
BMAR	Burnt Mountain	98.28	12	P	P	16 13 57.0	+0.6
NATX	Nacogdoches	98.32	59	IAMS_20	IAMS_20	16 48 57.4	
TOLK	Toolik Lake Re	98.53	10	P	Pdf	16 13 59.0	+1.4

R32A	Long Quarter,	98.55	51	IAMS_20	IAMS_20	16 49 31.5	
EPYK	Eagle Plains	99.02	15	P	Pdf	16 14 00.2	+0.4
EPYK	baz=216	99.02	15	P	Pdf	16 14 01.0	+1.2
T35A	Sooner Cattle	99.37	53	IAMS_20	IAMS_20	16 56 07.5	
TUL1	Leonard	99.41	54	IAMS_20	IAMS_20	16 51 43.8	
YAK	Yakutsk	99.45	337	eP	Pdf	16 14 00.9	-0.8
YAK					pmax	16 24 30.8	
YAK					pmax	16 24 30.8	
342A	Flagon Creek P	99.92	60	IAMS_20	IAMS_20	16 50 44.8	
DGMT	Dagmar	100.11	40	P	Pdf	16 52 02.2	
DGMT	comp-Z,2um,21.0s				IAMS_20	16 14 07.2	+2.1
KSU1	Kansas State U	100.32	51	IAMS_20	IAMS_20	16 50 38.4	
WLAR	White Oak Lake	100.36	57	IAMS_20	IAMS_20	16 51 28.3	
Z41A	Richland Creek	100.40	58	IAMS_20	IAMS_20	16 58 32.3	
MIAR	Mount Ida	100.40	56	IAMS_20	IAMS_20	16 50 15.2	
N33A	J Bar K, Exete	100.51	49	IAMS_20	IAMS_20	16 50 34.1	
U38A	Gravette	100.67	54	IAMS_20	IAMS_20	16 52 09.0	
CPUP	Villa Florida	100.71	127	PKKPbc	PKKPbc	16 30 20.8	-0.7
545A	Edgard	100.74	62	IAMS_20	IAMS_20	16 53 10.9	
HHAR	Hobbs	100.92	55	IAMS_20	IAMS_20	16 56 37.1	
X40A	Basin Creek Fa	100.92	57	IAMS_20	IAMS_20	16 52 14.1	
143A	Socs Landing,	101.21	59	IAMS_20	IAMS_20	16 52 33.9	
INK	Inuvik	101.31	15	P	Pdf	16 14 10.0	+0.1
INK					MLR	16 14 10.0	+0.1
INK	Inuvik	101.31	15	P	Pdf	16 14 09.9	+0.1
INK					IAMS_20	16 52 37.1	
ULN	Ulaanbaatar	101.65	318	iP	Pdf	16 14 12.0	-0.1
VBMS	Vicksburg	101.67	60	IAMS_20	IAMS_20	16 51 49.2	
S39A	Bolivar	101.98	54	IAMS_20	IAMS_20	16 01 23.8	
SOMN	Songino Array	102.02	318	P	Pdf	16 14 12.6	-1.2
SOMN	comp-Z,1.3nm,1.0s,baz=119,slow=1.7,SNR=7.6				PP	16 18 29.4	+3.6
SOMN	comp-Z,2.5nm,1.0s,baz=125,slow=7.2,SNR=3.1				PKKPbc	16 30 19.4	+0.4
346A	Big Creek Wild	102.12	61	IAMS_20	IAMS_20	16 53 38.3	
X43A	Marvell	102.39	58	IAMS_20	IAMS_20	16 56 10.9	
GTA	Gaotai	102.42	308	iP	Pdf	16 14 17.3	+1.6
GTA					pP	16 14 27.8	+0.7
GTA					pmax	16 47 49.1	
GTA	comp-Z,4.0nm,1.5s				pmax	16 47 49.1	
GTA	comp-Z,100nm,8.7s				LR	16 47 49.1	
GTA	comp-Z,430nm,23.5s				LR	16 47 49.1	
GTA	comp-Z,640nm,20.6s				LR	16 47 49.1	
MDND	Maddock	102.48	42	IAMS_20	IAMS_20	16 52 49.2	
P38A	Dawn	102.68	52	IAMS_20	IAMS_20	16 00 53.0	
YKA	Yellowknife Ar	102.97	25	P	Pdf	16 14 17.2	-0.2
YKA	comp-Z,0.8nm,0.8s,baz=230,slow=4.1,SNR=8.7				PP	16 18 25.7	-6.7
YKA	comp-Z,1.9nm,1.0s,baz=228,slow=7.8,SNR=7.9				PKKPbc	16 30 14.9	-1.6
YKA	comp-Z,1.4nm,0.8s,baz=49,slow=2.3,SNR=11				PKPPPK	16 38 41.7	+1.1
HBAR	Harrisburg	103.00	57	IAMS_20	IAMS_20	16 52 41.9	
LPAR	Lepanto	103.28	57	IAMS_20	IAMS_20	16 52 48.5	
T42A	Van Buren	103.30	55	IAMS_20	IAMS_20	16 52 29.9	
ROSC	El Rosal	103.43	92	IAMS_20	IAMS_20	16 55 28.8	
OXF	Oxford	103.48	58	IAMS_20	IAMS_20	16 53 55.1	
CCM	Cathedral Cave	103.63	54	IAMS_20	IAMS_20	16 58 43.3	
PEBM	Pemiscott Bayo	103.82	56	IAMS_20	IAMS_20	16 53 04.6	
SCIA	State Center	103.88	50	IAMS_20	IAMS_20	16 52 27.5	
W45A	Hickory Valley	103.92	58	IAMS_20	IAMS_20	16 59 33.5	
PVMO	Portageville	104.06	56	IAMS_20	IAMS_20	16 54 03.4	
SIV	San Ignacio	104.07	117	PKKPbc	PKKPbc	16 30 15.5	+4.0
LNXT	Lenox	104.08	57	IAMS_20	IAMS_20	16 59 50.8	
HALT	Halls	104.12	57	IAMS_20	IAMS_20	16 53 34.7	
PENMO	Penman	104.13	56	IAMS_20	IAMS_20	16 54 06.9	
GLAT	Glass	104.30	56	IAMS_20	IAMS_20	16 53 50.5	
C36M	Paulatuk	104.40	17	IAMS_20	IAMS_20	16 53 15.8	
C36M	Paulatuk	104.40	17	P	Pdf	16 14 24.9	+1.3
SLM	Saint Louis	104.59	54	IAMS_20	IAMS_20	16 00 46.7	
LRAL	Lakeview Retre	104.70	60	IAMS_20	IAMS_20	16 54 18.7	
N41A	Harden Midland	105.00	52	IAMS_20	IAMS_20	16 04 09.4	
ZAK	Zakamensk	105.00	319	eP	Pdf	16 14 29.8	+2.9
ZAK					pmax	16 47 49.1	
X48A	Hartselle	105.24	59	IAMS_20	IAMS_20	16 53 36.7	
L40A	Anamosa	105.30	50	IAMS_20	IAMS_20	16 58 12.1	
WVT	Waverly	105.32	57	IAMS_20	IAMS_20	16 54 31.6	
P43A	Skaggs, Pawnee	105.50	53	IAMS_20	IAMS_20	16 02 50.9	
Z50A	Ashland	105.6					

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like PLVO Plevna, BINY Binghamton, P61A Hamnton, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like SVE Sverdlouk, SVE SVE, SVE, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like GOF Gofitskoye, GOF GOF, VORR Voronezh, etc.

19d 16h

Table with columns for station call letters, frequency, and signal quality. Includes stations like L'vov, PKIKP, PKPbc, etc.

2014 MAR

Table with columns for station call letters, frequency, and signal quality. Includes stations like GTTG, Gottingen, VYHS, Vyhne, etc.

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Table with columns for station call letters, frequency, and signal quality. Includes stations like IDI, Anoyia, DAVA, etc.

ISK 19 16:18:26.9, 38:87N-43:53E, h5km, ML3.7/23
DDA 19 16:18:28.8, 38:89N-43:56E, h14km, 1km, MW3.8
ISC 19 16:18:28.8, 1.1, 38:87N-43:59E, h24km, 9km,

Table with columns for Code, Station Name, Frequency, and Signal Quality. Includes stations like VMUR, Van-Muradiye, etc.

19d 17h

Table with columns for station call letters, name, frequency, and other details. Includes stations like JHJ2 Mitsune, JHJ Hachioji jima, JHJ 344nm, 0.3s, baz=244, slow=22, SNR=16, etc.

2014 MAR

Table with columns for station call letters, name, frequency, and other details. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Zangtor, etc.

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Table with columns for station call letters, name, frequency, and other details. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, H17A Grand Valley, etc.

KRSC 19 17:09:07.1 ± 1.5, 48°75'N, 156°46'E, h11km±23km, ML 4.0
IDC 19 17:09:09.4 ± 4.4, 48°80'N, 155°17'E, h65km±42km, mb3.4/5,
mb1 3.8/8, mb1mx3.4/38, mbmtop3.8/8, ML 4.2/2, Error
ellipse: s-maj=62.1km s-min=18.2km az=143.0
ISC 19 17:09:05.8 ± 0.9, 48°56'N, 109°155'E, 0.11, h35km, n33,
±167/43, mb3.7/5, Kuril Islands

Table with columns for Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, ALID Alaid, PAU Pauzhetka, etc.

Table with columns: PDAR, ASAR, TXAR, Station Name, Time, Res. Includes entries like Pinedale Array, Alice Springs, Lajitas Array.

1917:14:29.1.2.0, 34.11N:142.46E, h0km, mb3.4/2, mb1 3.4/6, mb1mx3.2/37, mbtmp3.5/6, ML3.3/3, Error ellipse: s-maj=43.0km s-min=24.3km az=67.0

1917:14:31.7.1.2, 34.010N:108.142.4E:0.1, h25km, n6, e=237/9, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res. Includes entries like Hachio jima 2, Matushiro Arr, Chichijima, Warramunga Arr, Alice Springs.

1917:22:35.8.2.7, 33.92N:142.18E, h0km, mb3.3/2, mb1 3.4/5, mb1mx3.2/38, mbtmp3.4/5, ML3.0/3, Error ellipse: s-maj=46.4km s-min=26.9km az=43.0

1917:22:36.5.1.3, 34.050N:105.142.35E:0.09, h25km, n18, e=161/26, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res. Includes entries like Boso 1, Boso 3, Boso 4, Choshi, Kamogawauchiur, Mikurajimanish, Mitsune, Hachio jima 2.

1917:31:19.8.1.3, 12.81N:89.03W, h0km, mb4.1/9, mb1 4.3/12, mb1mx4.0/38, mbtmp4.0/12, ML3.2/3, Error ellipse: s-maj=42.3km s-min=18.7km az=47.0

1917:31:22.9.1.1, 12.56N:89.52W, h23km, 5km, ML3.0, UCR 19 17:31:23.1.1.2, 12.57N:89.48W, h15km, 10km, ML4.9, mb4.6(VNIC)

1917:31:24.6.1.7, 12.50N:0.09:89.42W:0.08, h50km, 0km, Error ellipse: s-maj=14.3km s-min=8.6km az=213.0

1917:31:26.4.1, 12.83N:89.32W, h0km, ML3.6, INET 19 17:31:24.9.0.9, 12.57N:0.08:89.46W:0.06, h47km, n113, e=106/119, mb4.5/8, Off coast of central America

Table with columns: Code, Station Name, Time, Res. Includes entries like Alcalda de L, Cerro Verde, San Blas, Comit de Eme, Serv Nac Est T, Boqueron, Las Brisas, Cerro Verde.

Table with columns: TXAR, ABTX, MIAR, UALR, X37A, W41B, WHAR, W39A, PAUL, CPCT, X34A, X34A, PEBM, LCAR, W35A, TKL, TKL, WMOK, WMOK, U40A, MINTX, U49A, PBMO, U56A, STVI, T42A, T42A, T47A, T47A, MSTX, MSTM, MGMO, U54A, U54A, AMTX, U32A, U32A, S39A, S39A, CCM, CCM, WCI, WCI, R40A, Q44A, Q44A, PV12, PV12, I42A, G40A, G40A, SPMM, SPMM, COWI, E43A, E38A, E38A, D41A, D41A, PDAR, EYMN, REDW, AGDM, MDND, NVAR, NVAR, RLMT, RLMT, DGMT, MCMT, ULM, ULM, SILV, SILV, SCHO, SCHO, SCHO, YKA, ILAR, BMAR, CMAR, CMAR.

1917:32:40.4.1.7, 34.15N:142.17E, h0km, mb3.5/3, mb1 3.6/7, mb1mx3.4/45, mbtmp3.6/7, ML3.6/3, Error ellipse: s-maj=33.1km s-min=21.3km az=76.0

1917:32:42.1.0.3, 34.050N:106.142.9E:0.08, h25km, n18, e=165/26, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res. Includes entries like Boso 1, Boso 3, Kamogawauchiur, Mikurajimanish, Mitsune, Hachio jima 2, Odawara 2, Ashikaga, Ryogami san, Shimob, Otama, Matushiro Arr, Chichijima, Warramunga Arr, Alice Springs.

1917:53:34.0.3, 36.99N:55.81E, h5km, ML3.7, THR 19 17:53:34.0.0.3, 36.98N:55.83E, h6km, 3km, ML3.5, ISC 19 17:53:34.0.0.7, 37.01N:0.03:55.80E:0.03, h10km, n66, e=286/70, 1C-20, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Time, Res. Includes entries like IMND, IMND, SHRO, BJRD, BJRD, BJRD, IGLO, ISFR, IANJ, IANJ, IKRD, IKRD, IEMG, IEMG, ISHM, ISHM, IAKL, IAKL, IALA, IALA, IPAY, IPAY, Firoozkoo, Firoozkoo, ILAS, ILAS, IPRN, IPRN, IMOG, IMOG, IASTAJ, IASTAJ, DMV, DMV, DMV, TABS, TABS, TABS, TKDS, TKDS, TKDS, IVRN, IVRN, CHTH, CHTH, ANR, ANR, ANR, QALM, QALM, KRSH, KRSH, IQOM, IQOM, GHRV, GHRV, GHRV, GHRV, ITEG, ITEG, ITEG, GAM, GAM, IMON, IMON, IZEF, IZEF, IBAZ, IBAZ, IKOO, IKOO, IPIR, IPIR, IRAM, IRAM, ALIB, ALIB, GLBA, GLBA, GBS, GBS, SAAT, SAAT, NHDN, NHDN, POL, POL, GANJ, GANJ, KLNJ, KLNJ, BLQ, BLQ, IML, IML, QRD, QRD, ZRD, ZRD, QUB, QUB, XNQ, XNQ, QBL, QBL, QSAR, QSAR, BRDA, BRDA, GANJ, GANJ, ZKJ, ZKJ, GDB, GDB, AB31, AB31, AB31, AKTO, AKTO, AKTO.

Table with columns: JIZS, JIZS, JAG, ASH, RYG, SHIM, OTAMA, MATSUSHIRO ARR, CHICHIJIMA, ASHIIKAWA, ZALV, WRA, ASAR.

1917:32:56.0.2.4, 16.42S:73.83W, h82km, 22km, mb3.7/3, mb1 3.9/7, mb1mx3.5/34, mbtmp4.0/7, Error ellipse: s-maj=44.6km s-min=18.9km az=47.0, Near coast of Peru

Table with columns: Code, Station Name, Time, Res. Includes entries like Nana, Nana, La Paz, La Paz, Limon Verde, Limon Verde, LVC, LVC, SIV, SIV, NEW, NEW, TORD, TORD, YKA, YKA, YKA.

1917:53:34.0.3, 36.99N:55.81E, h5km, ML3.7, THR 19 17:53:34.0.0.3, 36.98N:55.83E, h6km, 3km, ML3.5, ISC 19 17:53:34.0.0.7, 37.01N:0.03:55.80E:0.03, h10km, n66, e=286/70, 1C-20, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Time, Res. Includes entries like IMND, IMND, SHRO, BJRD, BJRD, BJRD, IGLO, ISFR, IANJ, IANJ, IKRD, IKRD, IEMG, IEMG, ISHM, ISHM, IAKL, IAKL, IALA, IALA, IPAY, IPAY, Firoozkoo, Firoozkoo, ILAS, ILAS, IPRN, IPRN, IMOG, IMOG, IASTAJ, IASTAJ, DMV, DMV, DMV, TABS, TABS, TABS, TKDS, TKDS, TKDS, IVRN, IVRN, CHTH, CHTH, ANR, ANR, ANR, QALM, QALM, KRSH, KRSH, IQOM, IQOM, GHRV, GHRV, GHRV, GHRV, ITEG, ITEG, ITEG, GAM, GAM, IMON, IMON, IZEF, IZEF, IBAZ, IBAZ, IKOO, IKOO, IPIR, IPIR, IRAM, IRAM, ALIB, ALIB, GLBA, GLBA, GBS, GBS, SAAT, SAAT, NHDN, NHDN, POL, POL, GANJ, GANJ, KLNJ, KLNJ, BLQ, BLQ, IML, IML, QRD, QRD, ZRD, ZRD, QUB, QUB, XNQ, XNQ, QBL, QBL, QSAR, QSAR, BRDA, BRDA, GANJ, GANJ, ZKJ, ZKJ, GDB, GDB, AB31, AB31, AB31, AKTO, AKTO, AKTO.

19d 18h

s-maj=26.1km s-min=18.1km az=97.0
ISC 19 18:08:03.1-0.6,6.22S,0.07,154.65E,0.07,h100km,n34,
c1877/35,mb4.0/14,Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

ISC 19 18:12:11.8-2.3,7.13S,129.32E,h0km,mb3.2/1,
mb1 3.3/4,mb1mx3.2/34,mbmp3.2/4,ML3.0/3,Error
ellipse: s-maj=87.3km s-min=31.0km az=76.0,Banda
Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

JMA 19 18:16:18.8-0.3,23.87N,122.26E,h1km,mb2.4
TAP 19 18:16:22.8,23.95N,122.32E,h47km,ML2.7,D
ISC 19 18:16:19.0-1.1,23.90N,122.33E,0.02,h2km,10km,
n75,c0578/134,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ENLB Shoufeng, HWA Hwaiien, EOS1 EOS1, etc.

2014 MAR

Main table with columns: NNSH, ENTT, TWE, etc. Rows include stations like NNSH baz=299, ENTT Nioudou, TWE Neicheng, etc.

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Table with columns: SGST, CHN1, CHN1, etc. Rows include stations like SGST Jiasihan, CHN1 Nanshi, etc.

NEIC 19 18:52:34.9-1.7,17.5S,0.1x172.83W,0.10,h8km,2km,
mb4.8/31,Error ellipse: s-maj=17.7km s-min=11.9km
az=206.0

IDC 19 18:52:34.1±0.5,17.36Sx172.79W,h0km,mb4.3/21,
mb1 4.5/21,mb1mx4.3/57,mbtmp4.3/21,MS3.6/7,
Ms1 3.6/7,ms1mx3.2/46,Error ellipse: s-maj=21.4km
s-min=14.0km az=126.0

ISC 19 18:52:38.3-0.4,17.34S,0.08,172.7W,0.1,h28km,n128,
c1811/122,mb4.6/31,MS3.7/6,1C-1D,Tonga Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like NIUE Niue, AFI Afiamalu, etc.

19d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H17A Grant Village, ISCO Idaho Springs, YPP Pitchstone Pla, etc.

19D 19:04:30.4e.1.2.34.06N:142.45E, h0km, mb3.5/4, mb1 3.6/8, mb1mx3.3/52, mbtmp3.6/8, ML3.7/3, Error ellipse: s-maj=34.6km s-min=19.5km az=102.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like B0S01 Boso 1, B0S02 Boso 2, B0S03 Boso 3, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KLR Kul'dur, MKAR Makanchi Array, ILAR Eielson Array, etc.

19D 19:14:15.9-4.2.23.34S:176.01W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/49, mbtmp4.1/5, Error ellipse: s-maj=153.3km s-min=48.8km az=145.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ENLB Shoufeng, E0S1 E0S1, E0S1 E0S1, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NNSB Datong, NNSB Datong, NNSH Datong, etc.

NEIC 19:19:45.38e.1.3.22.9S:0.2:178.6W:0.2, h526km, 16km

mb4.6/21, Error ellipse: s-maj=26.1km s-min=19.7km az=132.0
IDC 19 19:45:39.5:3.6, 22.865:178.68W, h531km, 55km, mb3.3/5, mb1 3.6/8, mb1mx3.1/42, mbtmp4.5/8, Error ellipse: s-maj=51.0km s-min=22.4km az=178.0

ISC 19 19:45:40.3:0.9, 22.9S:0.1x178.7W:0.1, h550km, n37, o095/37, mb4.5/11, South of Fiji Islands

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

IDC 19 19:59:42.9:0.7, 49.48S:117.32E, h0km, mb4.3/10, mb1 4.4/11, mb1mx4.3/31, mbtmp4.3/11, ML2.8/1, MS3.9/6, Ms1 3.9/6, ms1mx3.6/27, Error ellipse: s-maj=28.5km s-min=14.8km az=105.0

NEIC 19 19:59:44.5:1.2, 49.4S:0.1x117.3E:0.2, h10km, 1km, mb4.7/23, Error ellipse: s-maj=19.5km s-min=16.3km az=296.0

ISC 19 19:59:44.6:0.4, 49.52S:0.07, 117.4E:0.1, h12km, n84, o1524/76, mb4.6/18, MS3.9/5, ID, Western Indian-Antarctic Ridge

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

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

ATH 19 20:12:46.6, 38.19N:20.47E, h14km, 1km, ML1.5/1, Error ellipse: s-maj=2.1km s-min=1.3km az=226.0, Greece

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

LDG 19 20:14:45.7:0.1, 44.19N:11.75E, h10km, ML2.6/18, Error ellipse: s-maj=3.7km s-min=2.2km az=45.0

ROM 19 20:14:46.4:0.1, 44.08N:0.008:11.69E:0.011, h29km, 1km, ML2.5/1, 6C-7D, Error ellipse: s-maj=0.9km s-min=0.5km az=35.0, Northern Italy

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

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

ATH 19 20:12:46.6, 38.19N:20.47E, h14km, 1km, ML1.5/1, Error ellipse: s-maj=2.1km s-min=1.3km az=226.0, Greece

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

LDG 19 20:14:45.7:0.1, 44.19N:11.75E, h10km, ML2.6/18, Error ellipse: s-maj=3.7km s-min=2.2km az=45.0

ROM 19 20:14:46.4:0.1, 44.08N:0.008:11.69E:0.011, h29km, 1km, ML2.5/1, 6C-7D, Error ellipse: s-maj=0.9km s-min=0.5km az=35.0, Northern Italy

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

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, Res. Includes stations like NRIK, FID, INU, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, Res. Includes stations like INU, JCJ, JCU, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, Res. Includes stations like NIL, INK, INK, etc.

NIED 19 20:22:00.34, 10N, 142:20E, h5km, Mw4.3 Best double couple: M3.49000x1015 NP1.0s170.00000, 670.00000, 1-88.00000, NP2.0s346.00000, 621.00000, 1-94.00000

ICD 19 20:22:55.0, 3.4, 10N, 142:21E, h0km, mb4.4/35, mb1 4.5, mb1.0mx4.4/65, mbmp4.4/41, ML3.3/4, MS3.4/6, Ms1 3.4/6, ms1mx3.1/54, Error ellipse: s-maj=12.7km s-min=10.8km az=106.0

JMA 19 20:22:57.5, 0.3, 34.05N, 142:24E, h52km, M4.3 NEIC 19 20:23:00.3, 1.1, 34.05N, 07:142:12E, 1.0, h33km, 4km, mb4.9/115, Error ellipse: s-maj=12.8km s-min=9.1km az=123.0

ISC 19 20:22:55.2, 3.3, 34.06N, 07:142:20E, 0.05, h1km, 19km, n234, 0s9/224, mb4.8/86, MS3.5/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, Res. Includes stations like BSO1, BSO2, BSO3, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, Res. Includes stations like KURK, PKI, PKIN, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, Res. Includes stations like PSUT, PDAR, PDBR, etc.

19d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like N23A Red Feather La, AGMN Agassiz Nation, D32A Dogwood Acres, etc.

INET 19:20:36:28.6, 12.48N-87.84W, h61km, ML3.5
UCR 19:20:36:29.5, 1.6, 12.51N-87.98W, h22km, 9km, ML3.8
SNET 19:20:36:29.5, 0.3, 12.52N-87.92W, h32km, 4km, ML3.8
ISC 19:20:36:29.4, 3.2, 12.52N-87.92W, 0.08, h22km, 10km, n22, 0.940/42, Near coast of Nicaragua

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

NEIC 19:20:41:56.1, 2.1, 20.70N, 0.1, 146.1E, 0.2, h33km, 5km, mb4.2/2, Error ellipse: s-maj=25.8km s-min=13.1km az=53.0

2014 MAR

IDC 19:20:41:57.5, 6.3, 20.81N, 146.20E, h36km, 52km, mb3.6/10, mb1.3/8.12, mb1mx3.6/5.0, mbmp3.8/12, ML3.2/2, MS4.2/2, Ms1.4/2.2, ms1mx2.9/4.2, Error ellipse: s-maj=32.3km s-min=16.4km az=99.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like IDC 19:20:41:56.9, 0.7, 20.79N, 0.1, 146.1E, 0.2, h34km, n32, 0.113/25, mb3.8/13, Mariana Islands region, etc.

KLM 19:20:51:30.0, 8.84S, 108.14E, h83km, mb4.8
DJA 19:20:51:30.7, 0.3, 9.5S, 108.14E, h57km, 3km, Ms, 1/48, mb5.5/31, mb5.2/48, MLV5.4/18, Mw(mb)5.0/31, Mwp5.5/3
NEIC 19:20:51:33.7, 1.8, 8.48S, 0.07, 108.32E, 0.06, h87km, 4km, mb4.9/86, Error ellipse: s-maj=11.7km s-min=8.1km az=210.0

IDC 19:20:51:34.1, 0.4, 8.53S, 108.36E, h88km, 2km, mb4.5/38, mb1.4/54/0, mb1mx4.4/56, mbtmp4.8/40, MS3.6/2, Ms1.3/7.2, ms1mx3.1/3.07, Error ellipse: s-maj=10.0km s-min=0.4km az=0.0

ISC 19:20:51:33.6, 0.3, 8.60S, 108.40E, h90km, 2km, h90km, pP-P, n367, r1943/390, mb4.8/72, 2D, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CISI Cisomet, Garu, CISI Cisomet, Garu, CNJI Cibinong, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like IPM lpo, IPM lpo, IPM lpo, GIRL Giralia, etc.

19d 21h

Table of station data for 19d 21h, including columns for station name, coordinates, and various parameters like SNR and error rates.

DJA 19 21:03:48.51.1.8 S 5.11 8E, h12km, 3km, M3.3/6, ML3.3/6

ISC 19 21:03:51.9.2.0.7.97S.118.44E, h0km, mb3.2/2, mb1 3.4/4, mb1mx3.3/38, mbtmp3.3/4, ML3.4/2, Error ellipse: s-maj=49.0km s-min=24.9km az=71.0

ISC 19 21:03:50.1.1.2.7.90S.10.06.117.60E.0.07, h35km, n9, r=104.10, Balli Sea

Table of station data for the Balli Sea region, including station names like PLAI, SRBI, WBSI, etc.

JMA 19 21:05:33.0.1.367N*140.53E, h58km, 1km, M3.5, SC-4D Broadband fault plane solution: P waves.

NP1: 331.00000; 331.00000; 385.00000; NP2: 167.00000; 859.00000; 193.00000; Principal axes: T Plg76.0000; Azm297.0000; N Plg3.0000; Azm196.0000; P Plg14.0000; Azm105.0000; Near east coast of eastern Honshu

Table of station data for the Honshu region, including station names like JHYU, JHO, JHT, etc.

ISC 19 21:15:22.0.1.1.1.93S.70.71W, h0km, mb3.7/4, mb1 3.8/6, mb1mx3.6/36, mbtmp3.3/76, ML3.2/2 Error ellipse: s-maj=38.8km s-min=14.9km az=61.0

GUC 19 21:15:24.0.7.20.01S.70.78W, h23km, 3km, ML3.3 ISC 19 21:15:22.7.1.6.193S.8.03.70.75W.0.07, h6km, 9km, n24, r=123/37, mb3.7/4, 3C-6D, Near coast of northern Chile

Table of station data for the Chile region, including station names like PSGC, TA01, PATCX, etc.

2014 MAR

Table of station data for 2014 MAR, including columns for station name, coordinates, and various parameters like SNR and error rates.

IDC 19 21:34:40.8.0.6.1.20N.128.08E, h0km, mb4.2/17, mb1 4.3/20, mb1mx4.2/38, mbtmp4.2/20, ML4.2/3, MS3.6/6, Ms1 3.6/6, ms1mx3.2/54, Error ellipse: s-maj=21.8km s-min=12.3km az=76.0

NEIC 19 21:34:41.0.2.2.1.19N.0.07.128.13E.0.05, h9km, 5km, mb4.6/37, Error ellipse: s-maj=10.8km s-min=6.7km az=167.0

DJA 19 21:34:43.9.0.2.1.1N.2.12.8E, h10km, M4.5/17, mb4.7/17, mb5.1/6, ML4.4/18, mb(MP)4.4/16, ISC 19 21:34:43.9.0.4.1.17N.0.04.128.15E.0.05, h23km, n121, r=185/121, mb4.5/36, MS3.5/5, 1D, Halmahera

Table of station data for the Halmahera region, including station names like TMTI, TMTI, LBMI, etc.

1060

Table of station data for 1060, including columns for station name, coordinates, and various parameters like SNR and error rates.

IDC 19 21:48:44.5.3.0.38.14N.73.66E, h100km, 26km, mb3.4/9, mb1 3.5/15, mb1mx3.3/50, mbtmp3.8/15, Error ellipse: s-maj=22.6km s-min=16.5km az=176.0

SOME 19 21:48:46.8.3.9.12N.73.12E, h10km, BJI 19 21:48:47.0.0.38.43N.73.79E, h126km, mb4.4/4, mb4.1/7

NINC 19 21:48:50.5.5.7.38.73N.73.87E, h0km, mb4.3, mpv3.7, Error ellipse: s-maj=43.2km s-min=35.2km az=164.0

ISC 19 21:48:45.4.0.5.38.20N.0.04.38.77E.0.06, h100km, n58, r=241/68, mb3.7/8, 9C-6D, Tajikistan-Xinjiang border region

Table of station data for the Tajikistan-Xinjiang border region, including station names like KSH, KSH, AML, etc.

Table with columns: AAK, ALA-Archa, 4.47, 7, P, Pn, 21 49 52.9 +1.9, etc. Lists various astronomical objects and their properties.

Table with columns: PLCA, comp=Z, 3.7nm, 0.9s, baz=278, slow=11, SNR=5.3, etc. Lists astronomical objects with spectral and physical parameters.

Table with columns: MILM, Milestii Mici, 148.04, 56, P, PKIKP, 22 17 48.3 -1.0, etc. Lists astronomical objects with coordinates and identifiers.

IDC 19 22:16:50.3s, 9.473S, -153.67E, h115km, 37km, mb3.2/3, mbl 1.3, 5.4, mb1m3, 1/42, mbtmp3, 7/4, Error ellipse: s-maj=63.2km s-min=28.9km az=93.0, New Ireland region

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, h m s, etc. Lists station data for various locations.

SOME 19 22:50:51.0, 41:10N, 72:57E, h5km, ISU 19 22:50:52.1, 41:13N, 72:57E, h10km, KRNET 19 22:50:52.4, 41:12N, 72:48E, h14km, mb3.2, NNC 19 22:50:57.9, 3.4, 41:43N, 72:59E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=36.7km s-min=13.8km az=174.0, ISC 19 22:50:52.2, 41:14N, 72:03E, 72:49E, 0.02, h6km, 1.1km, n52, c202, 91, 27C-10D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, h m s, etc. Lists station data for various locations.

NEIC 19 21:58:02.5, 2.2, 35:01S, 0:05:11:4W, 0.2, h10km, 1km, mb4.6/51, Error ellipse: s-maj=23.8km s-min=7.7km az=272.0

IDC 19 21:58:02.0, 2.0, 6, 34:91S, 111:37W, h0km, mb4.3/10, mb1 4.5/10, mb1mx4.3/28, mbtmp4, 2/10, MS4.2/16, Ms1 4.2/16, ms1mx4.1/27, Error ellipse: s-maj=24.7km s-min=19.7km az=46.0

GCMT 19 21:58:04.5, 0.3, 35:35S, 0:03:11:36W, 0.02, h14km, 1km, MW4.9/94, Moment Tensor Solution, s33, c39, s94, c120, Duration: 0 Moment tensor: Scale 10^19Nm, Mr=2.44e-18, Mw=0.33, M2=1.12e-12, Me=1.12e-32, Ms=1.14e-08, Mx=0.40e-23, Best double couple: M2:82700, 1016 NP1=351.00000, 838.00000, lambda=62.00000, NP2: 0e137.00000, 857.00000, lambda=110.00000, Principal axes: T 2.8170, P1g10.0000, Azm241.0000, N 0.0250, P1g17.0000, Azm149.0000, P-2.8370, P1g70.0000, Azm360.0000, nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s, Triangular moment-rate function

ISC 19 21:58:02.1, 0.5, 35.0S, 0:11:11.5W, 0.1, h10km, n109, p143/84, mb4.6/28, MS4.3/18, 17C-4D, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, h m s, etc. Lists station data for various locations.

YKA comp=Z, 0.9nm, 0.9s, baz=170, slow=1.7, SNR=12, etc.

SCHO comp=Z, 0.88nm, 18.7s, baz=0.0, slow=32, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

YKA comp=Z, 0.9nm, 0.9s, baz=170, slow=1.7, SNR=12, etc.

SCHO comp=Z, 0.88nm, 18.7s, baz=0.0, slow=32, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

FRU1 bishkek 2.24 44 P, etc.

19d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRLLS Borolday, BOOM Boomskoye usch, KST Kastek, etc.

KRNET 19 22:20:56.9:0.1,41.24N:75.62E,h14km,mb2.0,14C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NRN Naryn, KZA Kyzart, ULHL Ulahol, etc.

IASPEI 19 22:38:02.8:0.9,32.99N:0.03:80.15W:0.03,h13km,5km, Error ellipse: s-maj=4.7km s-min=3.5km az=131.3, 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. Let., 80 4, 465-472, 2009

ANF 19 22:38:02.8:0.1,33.00N:80.16W,h13km,ML3.8/53, Error ellipse: s-maj=0.9km s-min=0.7km az=155.0, NEIC 19 22:38:02.8:0.9,33.00N:0.02:80.14W:0.03,h10km,5km, Error ellipse: s-maj=4.7km s-min=1.8km az=129.0, SLM 19 22:38:03.4:1.8,32.99N:0.02:80.17W:0.03,h6km,6km, mb=1.9,3.0,5.2(NEIC), Error ellipse: s-maj=4.2km s-min=3.0km az=126.0

ISC 19 22:38:03.1:0.8,33.00N:0.02:80.16W:0.02,h13km,5km,n117,0.07/133, South Carolina

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CSU Charleston Sou, NHSC New Hope, 158A Hollywood, etc.

2014 MAR

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Z59A baz=252, 157A Early Branch, Y58A Scranton, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T58A Grand View Acr, 656A Williston, T54A Tazewell, etc.

IDC 19 22:44:26.5:0.8,5.36S:153.31E,h0km,mb4.0/15, mb1.4/1.6, mb1mx4.0/4.5, mbtmp4.0/16, ML2.5/1, MS3.4/3, Ms1.3/4.3, ms1mx2.9/2.7, Error ellipse: s-maj=23.0km s-min=15.5km az=102.0

NEIC 19 22:44:30.6:1.9,5.51S:153.3E:0.1,h35km,2km, mb4.2/8, Error ellipse: s-maj=17.7km s-min=11.2km az=82.0

ISC 19 22:44:32.0:0.7,5.47S:0.06:153.2E:0.1,h43km,n38,r1920/40,mb4.0/19,MS3.3/3, New Ireland region

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

Table with columns: TNG, UGM, SMRI, WOJ, PCUJ, KASI, LWLI, MDSI, GMJI, MNAI, JAGI, KAPI, BBSI, MPSI, FITZ, WRA, CMAR, ASAR, H08S2, H08S3, H08S1, STKA, ODAN, TAPN, RAMN, JIRN, PKI, GUN, DMN, KKN, XAN, DANN, KSH, BRTR, MLR, VAE, TXAR, etc. Each row contains station name, time, and other details.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, AKASA Malin Array, BRTR Keskin Array, BDFB Brasilia, etc.

IDC 20 01:49:41.76-0.19:565x176.54W, h0km, mb4.0/1, mb1.4/3, mb1mx3.7/29, mbmtp4.0/2, Error ellipse: s-maj=294.8km s-min=61.4km az=149.0, Fiji Islands region

IDC 20 02:06:05.06-0.7:9.52S:106.96E, h0km, mb4.1/13, mb1.4/3.14, mb1mx4.1/46, mbmtp4.2/14, ML4.5/1, MS3.3/9, Ms1.3/4.9, mb1mx3.0/45, Error ellipse: s-maj=28.4km s-min=14.5km az=58.0

DJA 20 02:06:08.70-0.7:9.56x107.7E, h10km, mb5.2/2, mb4.8/8, MLV4.8/13, Mw(mb)4.5/2

ISC 20 02:06:09.6-0.7:9.48S:107.09E:0.07, h22km, n46, r=111/47, mb4.1/12, MS3.5/6, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CISI Cispomet, CNJI Cibinong, SKJI Sukabumi, LEM Lembang, WRA Warrungarra Arr, etc.

Table with columns: CMAR, ASAR, ASAR, STKA, STKA, ODAN, RAMN, JIRN, GUN, DMN, KKN, XAN, DANN, GAT, GAT, KSH, KSH, KSH, SONM, MKAR, MKAR, GEYT, ZALV, PETK, KBZ, QSPA, BRTR, MLR, VAE, TXAR, etc. Each row contains station name, time, and other details.

NEIC 20 02:10:05.01-1.4:7.77S:117.25E:0.06, h306km, 5km, mb4.2/19, Error ellipse: s-maj=10.7km s-min=8.3km az=142.0

IDC 20 02:10:06.51-1.8:7.65S:117.24E, h307km, 19km, mb3.8/16, mb1.3/9.19, mb1mx3.7/46, mbmtp4.5/19, Error ellipse: s-maj=15.3km s-min=9.6km az=61.0

DJA 20 02:10:06.20-0.2:8.54x111.7E, h291km, 3km, M4.7/18, mb5.3/6, mb4.5/13, MLV4.7/18, Mw(mb)4.7/6

ISC 20 02:10:04.9-0.4:7.25S:117.26E:0.04, h300km, n95, r=129/99, mb4.2/23, Bali Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLAI Plampang, PLAI Singaraja, DMBI Denpasar, IGBI Denpasar, WBSI Waikabubak, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WOJI Wonogiri, UGM Wanagama, UGM Wanagama, SOEI Soe, SANI Sanana, etc.

FITZ Fitzroy Crossi 21.13 142 P P 02 13 04.5 +3.3

FITZ Fitzroy Crossi 21.13 142 P P 02 13 01.3 +0.4

MTN Manton Dam 14.55 111 P P 02 13 17.1 -0.6

MT01 Popeta 1.05 226 eP Pn 02 21 51.1 -0.3

MT01 Popeta 1.05 226 eP Pn 02 21 51.1 -0.3

UTNM Universidad Te 1.27 80 iP Pn 02 21 54.2 0.0

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

BO01 Tunca 1.40 206 eP Pn 02 21 55.5 0.1

Table with columns: PKIN, DMN, GK, MJAR, DANN, GAT, USRK, USRK, ULN, SONM, SONM, KBL, MK31, MKAR, AAK, AAK, WSAR, KKAR, KURK, ZAAO, ZALV, ZALO, PETK, PETK, KMBO, KMBO, GSPA, MATP, MBAR, YKA, TORO, TORO, U49A, S51A, etc. Each row contains station name, time, and other details.

NEIC 20 02:21:27.8-1.5:33.21S:0.06:70.1W:0.1, h106km, 5km, Error ellipse: s-maj=16.9km s-min=8.4km az=97.0

SJA 20 02:21:28.5-1.0:33.12S:70.33W, h117km, 4km, ML3.7, MW3.4

GUC 20 02:21:29.6-0.4:32.93S:70.35W, h107km, 2km, ML4.3

IDC 20 02:21:31.1-1.3:4.32S:70.74W, h108km, 30km, mb3.6/6, mb1.3/7.9, mb1mx3.6/29, mbmtp4.3/9, Error ellipse: s-maj=28.6km s-min=18.7km az=84.0

ISC 20 02:21:29.7-0.5:33.13S:0.03:70.35W:0.04, h114km, 3km, n70, r=102/89, mb4.0/9, 3C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FCH Farellones, FCH Farellones, FCH Farellones, PEL Peldehue, etc.

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

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PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

PEL Peldehue 0.28 267 eP Pn 02 21 57.8 -0.3

20d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, CPUP Villa Florida, CPUP Villa Florida, etc.

IDC 20:02:23.55:5.1, 2.44:45N:148:21E, h0km, mb3.3/5, mb1 3.6/5, mb1mx3.4/39, mbtmp3.3/5, MS2.7/1, Ms1 2.7/1, ms1mx2.3/27, Error ellipse: s-maj=45.7km s-min=29.8km az=136.0

MOS 20:02:24:01:5.1, 4.44:39N:148:40E, h49km, mb4.1/2, Error ellipse: s-maj=16.5km s-min=11.2km az=142.7

SKHL 20:02:24:02:7.0, 3.44:41N:148:35E, h50km, mb4.1/4, JMA 20:02:24:03:0.3, 4.44:08N:148:03E, h0km, M4.2

ISC 20:02:24:00:6.2, 9.44:35N:148:48E, h26km, mb20km, n47, r1578/61, mb3.4/7, 2C-2D, Kuril Islands

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

2014 MAR

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

IDC 20:02:26:37.9:3.9, 22:80S:175:74W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.8/34, mbtmp3.8/5, MS3.4/5, Ms1 3.4/5, ms1mx2.1/30, Error ellipse: s-maj=223.4km s-min=26.3km az=154.0, Tonga Islands region

IDC 20:02:26:37.9:3.9, 22:80S:175:74W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.8/34, mbtmp3.8/5, MS3.4/5, Ms1 3.4/5, ms1mx2.1/30, Error ellipse: s-maj=223.4km s-min=26.3km az=154.0, Tonga Islands region

IDC 20:02:26:37.9:3.9, 22:80S:175:74W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.8/34, mbtmp3.8/5, MS3.4/5, Ms1 3.4/5, ms1mx2.1/30, Error ellipse: s-maj=223.4km s-min=26.3km az=154.0, Tonga Islands region

IDC 20:02:26:37.9:3.9, 22:80S:175:74W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.8/34, mbtmp3.8/5, MS3.4/5, Ms1 3.4/5, ms1mx2.1/30, Error ellipse: s-maj=223.4km s-min=26.3km az=154.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, TBI Tubuai, PPTZ Papeete, etc.

IDC 20:02:30:06:5:3.4, 4:59N:96:84E, h148km, 21km, mb3.4/5, mb1 3.6/5, mb1mx3.2/47, mbtmp3.6/6, Error ellipse: s-maj=92.9km s-min=17.9km az=58.0

DJA 20:02:30:09:2:1.4, 5:5N:8:97E, 1'0, h145km, 12km, M3.3/6, MLV3.3/6

ISC 20:02:30:07:9:0.9, 4:56N:0:08:96:90E, 0:10, h150km, n9, z=200/12, mb3.5/5, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLSI Meulaboh, LHMI Lhok Sumawe, SNSI Sinabang, etc.

INET 20:02:34:10:6, 12:68N:88:64W, h21km, ML3.8

SNET 20:02:34:10:9, 0.9, 12:71N:88:66W, h32km, 2km, ML3.8

UCR 20:02:34:11:0, 0.9, 12:71N:88:66W, h31km, 2km, ML3.8

CGC 20:02:34:11:3, 0.4, 12:78N:88:68W, h79km, 990km, MD4.2

ISC 20:02:34:12:1, 2.0, 12:75N:0:10:88:64W, 0:03, h93km, 12km, n50, e=8181/81, 4C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALJI Alcalda de J, ALJI Alcalda de J, ALJI Alcalda de J, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TECA Tecapa, TECA Tecapa, VSM San Miguel, etc.

IDC 20:02:45:57.0:347.0, 12:80N:93:57E, h0km, Error ellipse: s-maj=241.7km s-min=154.9km az=137.0, Andaman Islands region

IDC 20:02:45:57.0:347.0, 12:80N:93:57E, h0km, Error ellipse: s-maj=241.7km s-min=154.9km az=137.0, Andaman Islands region

IDC 20:02:45:57.0:347.0, 12:80N:93:57E, h0km, Error ellipse: s-maj=241.7km s-min=154.9km az=137.0, Andaman Islands region

IDC 20:02:45:57.0:347.0, 12:80N:93:57E, h0km, Error ellipse: s-maj=241.7km s-min=154.9km az=137.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBL5 San Blas, SBL5 San Blas, SBL5 San Blas, etc.

IDC 20:03:00:17:8:4.4, 14:39S:168:13E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/26, mbtmp3.5/2, Error ellipse: s-maj=299.5km s-min=47.6km az=150.0, Vanuatu Islands

IDC 20:03:00:17:8:4.4, 14:39S:168:13E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/26, mbtmp3.5/2, Error ellipse: s-maj=299.5km s-min=47.6km az=150.0, Vanuatu Islands

IDC 20:03:00:17:8:4.4, 14:39S:168:13E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/26, mbtmp3.5/2, Error ellipse: s-maj=299.5km s-min=47.6km az=150.0, Vanuatu Islands

IDC 20:03:00:17:8:4.4, 14:39S:168:13E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/26, mbtmp3.5/2, Error ellipse: s-maj=299.5km s-min=47.6km az=150.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ARCES ARCES Array B, etc.

DDA 20:03:28:22:2.4, 41:52N:43:63E, h10km, 2km, ML2.7

ISK 20:03:28:22:1, 41:51N:43:66E, h10km, ML3.1/16

NORS 20:03:28:22:0, 41:61N:43:60E, h2km, MPVA3.7

TIF 20:03:28:22:1, 41:49N:43:65E, h16km

MOS 20:03:28:23:1, 8.4, 41:41N:43:63E, h10km, mb3.5/3, Error ellipse: s-maj=6.3km s-min=4.0km az=81.4

NSSP 20:03:28:23:0, 41:48N:43:70E, h10km, Ms3.0

ISC 20:03:28:23:0, 8.4, 41:49N:0:01:43:65E, 0:01, h9km, 6km, n125, r1519/206, mb3.5/3, 13C-14D, Turkey-Georgia-Armenia border region

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TBLG Delisi, BTNK Botanikuri, and various other locations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EMRE Erzurum, KUNZR Khunzakh, and various other locations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PB11 IPOC Station, PATCX Punta Patache, and various other locations.

STR 20 05:46:26.4 ± 1.2, 47.0°N, 6.1°E, h24km, 9km, ML1.7, 8/5
LDG 20 05:46:26.1 ± 0.1, 47.05°N, 6.52°E, h7km, M2.0/8, Error
ellipse: s-maj=2.4km s-min=1.7km az=97.0

ISC 20 05:46:25.2 ± 0.8, 47.05°N, 0.02°E, 9.49E, 0.02, h10km, 4km,
n54, c076/109, 4C-6D, Germany

BGR 20 05:47:16.6 ± 0.4, 51.53°N, 16.14°E, h1km, ML4.0/14, Error
ellipse: s-maj=4.4km s-min=2.2km az=19.0

IDD 20 05:47:16.3 ± 0.4, 51.53°N, 16.04°E, h0km, mb4.0/12,
mb1.4/120, mb1mx3.9/48, mbmp4.0/20, ML3.6/72, MS2.7/2,
Ms1.2/72, ms1mx2.2/48, Error ellipse: s-maj=8.8km
s-min=5.0km az=100.0

BNS 20 05:47:17.9 ± 0.7, 51.82°N, 15.99°E, h10km, ML3.9
NEIC 20 05:47:17.1 ± 1.6, 51.55°N, 0.06°E, 16.04°E, 0.07, h10km, 1km,
mb4.0/10, ML3.8(PRU), ML4.0(VIE), Error ellipse:
s-maj=10.3km s-min=7.4km az=192.0

ISC 20 05:47:14.7 ± 0.4, 51.59°N, 0.03°E, 16.18°E, 0.02, h0km, n194,
c2510293, mb4.0/15, 13C-2D, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, and various station-specific data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, and various station-specific data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, and various station-specific data.

LDG 20 05:47:13.6 ± 0.1, 51.65°N, 16.22°E, h1km, M4.3/15, Error
ellipse: s-maj=3.8km s-min=2.4km az=177.0, Suspected
Mining induced

IPEC 20 05:47:14.5 ± 0.3, 51.62°N, 16.21°E, h0km, ML3.7/4, Error
ellipse: s-maj=2.9km s-min=1.5km az=64.0

DNK 20 05:47:15.6 ± 1.8, 51.64°N, 16.96°E, h26km, 60km, ML2.9,
Hyocentre not reviewed by the ISC

LDG 20 05:47:13.6 ± 0.1, 51.65°N, 16.22°E, h1km, M4.3/15, Error
ellipse: s-maj=3.8km s-min=2.4km az=177.0, Suspected
Mining induced

IPEC 20 05:47:14.5 ± 0.3, 51.62°N, 16.21°E, h0km, ML3.7/4, Error
ellipse: s-maj=2.9km s-min=1.5km az=64.0

DNK 20 05:47:15.6 ± 1.8, 51.64°N, 16.96°E, h26km, 60km, ML2.9,
Hyocentre not reviewed by the ISC

Table with columns: Code, Station Name, Az, El, S, W, Pn, Az, El, S, W, Pn, Time, Res, h, m, s, ISC. Includes stations like GSTR Great Sitkin T, ATKA Atka Island, KOKL Mount Klitchev, etc.

2014 MAR

Table with columns: Code, Station Name, Az, El, S, W, Pn, Az, El, S, W, Pn, Time, Res, h, m, s, ISC. Includes stations like TX31 Lajitas Ar. Si, TX32 Lajitas Array, TXAR Lajitas Array, etc.

20d 9h

Table with columns: Code, Station Name, Az, El, S, W, Pn, Az, El, S, W, Pn, Time, Res, h, m, s, ISC. Includes stations like JMA 20 09:18:24.2, NEIC 20 09:18:25.1, etc.

20d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRLS, IUG, ARK, ARS, EKS, USP, ARL, UCH, SGDS, KRBS, DGS, KST, KTBS, TNSS, CHKK, etc.

ISK 20 09:33:22.9, 35.83N, 32.88E, h24km, ML3.1/31
DDA 20 09:33:23.2, 35.82N, 32.89E, h7km, 5km, MW3.2
NIC 20 09:33:25.0, 0.0, 35.70N, 32.88E, h27km, ML3.0/4
GII 20 09:33:28.1, 0.0, 35.68N, 33.04E, h20km, Mm2.7/3
ISC 20 09:33:24.1, 1.0, 35.83N, 0.02, 32.86E, 0.02, h22km, 5km, n54, c0.69/81, 3C-1D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TEKE, YORU, BERE, OREN, GAZI, GAZIPASA, AKKUYU-MERSIN, etc.

2014 MAR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SZAC, ASGA, EREN, HDMB, KIZK, PARAL, KRMM, KEPEZ, etc.

SOME 20 09:48:23.2, 40.92N, 79.90E, h15km
NIC 20 09:48:24.1, 1.40, 98N, 79.83E, h0km, mb3.5, mpv3.2
Error ellipse: s-maj=7.0km s-min=5.7km az=150.0
ISC 20 09:48:23.9, 3.3, 41.0N, 0.1, 79.81E, 0.08, h10km, n24, r157/35, 2C-3C, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, UZB, SATY, PDGK, PDGK, PDGK, etc.

DNK 20 10:12:11.9, 0.7, 71.13N, 9.16W, h0km, 277km, ML2.0
BER 20 10:12:12.2, 0.4, 71.15N, 8.04W, h0km, 131km, ML2.7, Confirmed Earthquake
ISC 20 10:12:11.5, 2.7, 71.27N, 0.06, 8.1W, 0.2, h10km, n5, c0.97/9, 3D, Jan Mayen Island region

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

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

IDC 20 10:13:36.3, 4.4, 4.59S, 153.53E, h131km, 33km, mb3.2/3, mb1 3.4/6, mb1mx3.2/38, mbtmp3.8/4, Error ellipse: s-maj=64.3km s-min=22.0km az=117.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT, PMG, WRA, ASAR, ILAR, TORD, etc.

IASPEI 20 10:19:40.9, 1.3, 37.10N, 0.003, 36.71E, 0.02, h5km, 8km, Error ellipse: s-maj=4.1km s-min=3.5km az=5.8, 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. Let. <>, 80, 465-472, 2009

ISK 20 10:19:40.8, 37.04N, 36.76E, h9km, ML2.7/15
DDA 20 10:19:40.4, 37.10N, 36.71E, h4km, 1km, ML2.8
ISC 20 10:19:40.7, 1.0, 37.10N, 0.003, 36.70E, 0.02, h5km, 8km, n35, c0.61/50, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAMA, KAMA, KAMA, HCB, AYKD, GAZ, KMR, KUZU, KUZU, KHMM, ANDN, GZT, CEYT, TAHT, YURE, SAIM, SAIM, SAIM, AKO, AKO, KRDT, KRTS, ELBS, ELBS, ELBS, KARA, SARI, ATAB, YAHY, CMRD, DED, AKCD, SURC, SURC, SURC, DARE, URFA, MERS, SANL, SANL, BNN, HEKM, HEKM, HEKM, KERG, SVRG, etc.

IDC 20 10:24:01.6, 2.2, 30.28N, 114.20W, h0km, mb3.8/1, mb1 3.4/6, mb1mx3.3/54, mbtmp3.0/6, ML3.4/4, MS3.1/12, Ms1 3.2/12, ms1mx3.0/49, Error ellipse: s-maj=34.8km s-min=11.8km az=30.0

ECX 20 10:24:03.0, 2.0, 30.46N, 114.05W, h18km, 6km, MD3.8, ML4.0
NEIC 20 10:24:05.1, 2.4, 30.34N, 0.06, 114.21W, 0.06, h27km, 9km, Error ellipse: s-maj=10.1km s-min=5.5km az=214.0

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

Table with columns: SFX, SPX, San Pedro Mart, etc. Includes station names and coordinates.

Table with columns: VTX, 214A, ESUX, GLA, etc. Includes station names and coordinates.

Table with columns: CBX, Cerro Bola, etc. Includes station names and coordinates.

Table with columns: PFO, Pinyon Flats O, etc. Includes station names and coordinates.

Table with columns: PFO, Pinyon Flats O, etc. Includes station names and coordinates.

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Table with columns: PFO, Pinyon Flats O, etc. Includes station names and coordinates.

Table with columns: FITZ, Fitzroy Crossi, etc. Includes station names and coordinates.

Table with columns: KAPI, Kappang, etc. Includes station names and coordinates.

Table with columns: MA2, Magadan, etc. Includes station names and coordinates.

Table with columns: MKAR, Makanchi Array, etc. Includes station names and coordinates.

Table with columns: ILAR, Eielson Array, etc. Includes station names and coordinates.

Table with columns: ILAR, Eielson Array, etc. Includes station names and coordinates.

Table with columns: ILAR, Eielson Array, etc. Includes station names and coordinates.

Table with columns: ILAR, Eielson Array, etc. Includes station names and coordinates.

Table with columns: ILAR, Eielson Array, etc. Includes station names and coordinates.

Table with columns: ILAR, Eielson Array, etc. Includes station names and coordinates.

Table with columns: KHAL, comp=E,8.1nm,0.8s, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

Table with columns: AKMS Akamas, ALFC Aleka, etc. Includes station names and coordinates.

NEIC 20 10:30:05.4z, 2.3, 4.75S, 0.3x153.81E, 0.06, h122km, 25km, mb4, 1/6, Error ellipse: s-maj=39.3km s-min=6.9km az=187.0

IDC 20 10:30:07.7z, 3.3, 4.69S, 153.50E, h134km, 22km, mb3.5/8, mb1 3.8/9, mb1mx3.4/55, mbtmp4.0/9, MS3.1/4, Ms1 3.1/4, ms1mx2.7/31, Error ellipse: s-maj=45.2km s-min=15.3km az=110.0

ISC 20 10:30:04.0z, 1.0, 4.82S, 0.09, 153.9E, 0.1, h100km, n21, c=183Z/20, mb3.9/11, New Ireland region

NIC 20 10:31:25.9z, 0.3, 35.02N, 27.29E, h0km, 1km, ML2, 7/2, ATH 20 10:31:26.3z, 35.06N, 27.37E, h22km, 2km, ML2, 9/5, Error ellipse: s-maj=6.0km s-min=1.0km az=318.0

ISK 20 10:31:27.6z, 35.12N, 27.26E, h9km, ML3, 1/13, DDA 20 10:31:28.4z, 35.17N, 27.51E, h12km, 3km, ML2, 3, THE 20 10:31:29.6z, 35.17N, 27.15E, h0km, 1km, ML2, 5/3, Error ellipse: s-maj=4.2km s-min=0.9km az=134.0

ISC 20 10:31:28.5z, 1.2, 35.11N, 0.04, 27.25E, 0.03, h15km, 9km, n50, c=112/4, Dodecanese Islands

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

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

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

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

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

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

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

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

UCR 20 10:34:26.4z, 1.4, 8.71N, 83.45W, h10km, 4km, UPA 20 10:34:26.5z, 1.6, 8.80N, 83.38W, h4km, 6km, MW3.6, ISC 20 10:34:27.6z, 0.9, 8.81N, 0.03, 83.38W, 0.03, h13km, 7km, n26, c=119/45, Costa Rica

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PTJ1 Puerto Jimenez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BRU2 Volcan, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BCO2 Palmira, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CHIR3 Chiriqui UPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LCR2 La Lucha 2, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SRA1 San Ramn, etc.

IDC 20 10:35:24.2z, 2.0, 9.62S, 109.48W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/36, mbtmp3.7/4, MS3.5/8, Ms1 3.5/8, ms1mx3.4/20, Error ellipse: s-maj=77.2km s-min=29.5km az=46.0, Central East Pacific Rise

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PPT2 Papeete2, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, MJAR Matsushiro Arr, PETK Petropavlovsk, MKAR Makanchi Array.

MDD 20 13:55:35.64.5, 32.31'N:7.53'W, h0km, mb4.1/1, Error ellipse: s-maj=91.6km s-min=39.3km az=92.0, PRXIMO SIN SOLUCION

CNIRM 20 13:55:35.10.0, 32.12'N:7.84'W, h0km, Error ellipse: s-maj=7.5km s-min=5.9km az=43.0

ISC 20 13:55:33.1.1.1, 32.24'N:0.03:7.69'W, 0.05, h11km, gkm, n18, r160/27, Morocco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRHM Skhour des Reh, OUK Oukaimeden, OUZM Ouz, TTIG Tnine Tigouga, TZRR Tazaraine, MD31 MD31, PFVI Vila Bisbo, MORF Marmelete, PVAQ Vaqueiros, EGRO El Granado, PCVE Castro Verde, EMIN Mina Concepcio, PNCL Nicolau / Gran.

ISC 20 14:14:19.5.0.7, 31.48'N:73.77'E, h0km, mb4.1/17, mb1 4.1/21, mb1mx3.9/61, mbtmp4.0/21, ML3.4/4, MS3.0/4, Ms1 3.1/4, ms1mx2.6/44, Error ellipse: s-maj=19.1km s-min=14.4km az=35.0

NEIC 20 14:14:25.9.1.6, 31.57'N:0.09:73.8E:0.1, h46km, gkm, mb4.3/16, Error ellipse: s-maj=14.3km s-min=12.2km az=81.0

NDI 20 14:14:25.3.2.6, 31.72'N:73.61'E, h41km, 999km, ML4.1, mb4.3(NEIC)

ISC 20 14:14:24.9.0.5, 31.56'N:0.05:73.76'E:0.05, h35km, n80, r166/83, mb4.1/25, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMU Jammu, THN Thein Dam, NIL Nilore, DHARM DHARAMSHALA, BHK Bhakra, SMLA Simla, DARN Dangsing, GKN Gorkha, KKN Kakani, PKIN Pulchoki, AAK Ala-Archa, GUN Gumba, JRN Jiri, KK31 Karatay Array, KKAR Karatay Array, RAMN Ramite, ODAN Odane, TAPN Tapejung, GEYT Alibeck, HYB Hyderabad, WSAR Wadi Sarin.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSAR comp=N,1m,0.3s, WMO Urumqi, WMO comp=N,160nm,7.9s, WMO comp=N,650nm,29.2s, MAK2 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov Arr, ABKAR Abkhal array, BRV Borovoye, AKTO Aktyubinsk, GTA Gaotai, ZALV Zalesovo Beam, CHTO Chiang Mai, CMAR Chiang Mai Arr, XAN Xi'an, SONM Songino Array, BRTR Keskin Array, AKASO Malin Array, AKASG Malin Array, BURAR Buocovina Array, IDI Anyoia, FINES FINES Array B, FINES FINES Array B, KRSR Korea Array, ARCES ACCESS Array B, ARCES ACCESS Array B, GERE GERE Array B, NB2 NORSTAR Subarra, NOA NORSTAR Array B, NC204 NORSTAR Array S, SENIN Lac Senin/Sane, KEST Kesra, KEST Kesra, TOAO Torodi Arr. Sit, TOAO Torodi Arr. Bea, TORD Torodi Arr. Bea, TORD Toolik Lake Re, IMAR Indian Mountain, WRA Warrunganga Arr, WRA Warrunganga Arr, WB2 Warrunganga Arr, WB2 Warrunganga Arr, ASAR Alice Springs, YKA Yellowknife Arr, HNR Honiara.

ISC 20 14:20:34.8.0.9, 1.22'N:128.08'E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.7/42, mbtmp3.8/9, ML3.4/2, MS2.9/3, Ms1 2.9/3, ms1mx2.5/35, Error ellipse: s-maj=38.9km s-min=15.4km az=64.0

DJA 20 14:20:36.7.0.3, 1.1'N:2.12'E, h10km, M3.9/11, MLV3.9/11

NEIC 20 14:20:37.2.1.7, 1.13'N:0.10:128.02'E:0.09, h19km, gkm, mb4.3/11, Error ellipse: s-maj=14.7km s-min=12.5km az=207.0

ISC 20 14:20:38.1.6.1, 1.14'N:0.06:128.05'E:0.05, h23km, n47, r189/46, mb4.0/11, D, Halahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TINTI Ternate, LBMI Labuha, SNI Sanana, SWI Sorong, SIJI Sorong, KMSI Cbinong, NLAI Namlea, MSAI Masohi, FAKI Fak Fak, KCP Kidapawan, KAPI Kappang, TGY Tagaytay City, FITZ Fitzroy Crossi, GUMO Guano, WBO Warrunganga Arr, WBO Warrunganga Arr, WRAB Warrunganga Arr, WRAB Warrunganga Arr, WRA Warrunganga Arr, WRA Warrunganga Arr, WB2 Warrunganga Arr, WB2 Warrunganga Arr, WRO Warrunganga Arr, TPUB Ta-pu, AS31 Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, KRSR KRSR, TAPN Tapejung, ODAN Odare, RAMN Ramite, JIRN Jirne, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, DMN Daman, SONM Songino Array, SONM Dangsing, HYB Hyderabad, YAK Yakutsk, KURB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, BVAR Borovoye Array.

NNC 20 14:27:33.9.5.8, 42.74'N:85.18'E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=47.3km s-min=26.7km az=141.0

SOME 20 14:27:44.8, 42.97'N:84.68'E, h20km

ISC 20 14:27:33.6.2.7, 42.72'N:0.1:85.06'E:0.10, h10km, n15, r265/24, 4C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, DJR Jarkent, DJR Jarkent, DJR Jarkent, MK31 Makanchi Array, MK31 Makanchi Array, MAZK Makanchi, MAZK Makanchi, KPKS Kopek, KPKS Kopek, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, KAPS Kapalarasan, KAPS Kapalarasan, KAPS Kapalarasan, SATY Saty, SATY Saty, SATY Saty, ARXS Arxary, ARXS Arxary, ARXS Arxary.

ANF 20 14:39:17.4.0.3, 35.82'N:97.24'W, h0km, ML4.0/8, Error ellipse: s-maj=5.5km s-min=2.6km az=171.0

TUL 20 14:39:17.8.0.8, 35.89'N:0.02:97.28'W:0.03, h5km, 1km, ML3.3, Error ellipse: s-maj=4.0km s-min=2.9km az=251.0

NEIC 20 14:39:17.9.1.3, 35.92'N:0.02:97.25'W:0.02, h5km, 2km, Error ellipse: s-maj=3.2km s-min=3.0km az=285.0

ISC 20 14:39:17.6.0.8, 35.91'N:0.03:97.23'W:0.03, h4km, n37, r131/42, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK005 Luther M Schoo, ADOK Arcadia Dam, OK001 Johns High Sch, OKCFA Oklahoma City, OKCSW OKLAHOMA CITY, FNO Franklin, W35A Tecumseh, W35A Sooner Cattle, T35A Leonard, TUL1 Leonard, TUL1 Leonard, X34A Smith Ranch, U32A Winter Ranch, WMOK Wichita Moun, X37A Clayton, X37A Gravette, Z35A Perchaven, San Magazene, W39A Magazine, MIAR Mount Ida, CBKS Cedar Bluff, U40A Yellville, S39A Bolivar, AMTX Amarillo, AMTX Amarillo, ABTX Abilene, Hawle, X40A Basin Creek Fa, WHTX Lake Whitney, WHTX Lake Whitney, WHAR Warty Hollow, W41B Gary Mavity, V.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like W41B Gary Mavity, V, Z41A Richland Creek, R40A Maddies Statio, etc.

DJA 20 14:57:43.02,0.7,5.7,15.4E, h104km,5km, M4.7/14, mb4.6/14, mB5.4/5, MLV4.7/3, Mw(m)4.8/5
IDC 20 14:57:45.3,3.0,4.90S,153.94E, h103km,2km, mb3.9/14, mb1.4/0.16, mb1mx3.8/44, mbtmp4.2/16, MS2.8/1, Ms1.2/1, ms1mx2.4/32, Error ellipse: s-maj=30.4km s-min=15.0km az=106.0
NEIC 20 14:57:48.1,1.8,4.90S:0.08:153.9E:0.1, h126km,6km, mb4.3/0.17, Error ellipse: s-maj=17.2km s-min=11.1km az=89.0

ISC 20 14:57:45.6:0.7,4.90S:0.07:153.92E:0.09, h105km, m59, az=112/61, mb4.2/26, New Ireland region

Main station list table for the first section, including stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

GCMT 20 15:01:25.0:0.4,35.25S:0.02:110.95W:0.02, h21km,2km, MW4.9/83, Moment Tensor Solution. s18r18; s83c104; Duration: 0 Moment tensor: Scale 10^16 Nm; Mn=0.20±.15; Mw=1.35±.11; Mw1.56±.13; Mn=1.10±.08; Mw=1.10±.08; Mw1.06±.25; Best double couple: M=630000.00, N=115.00000, P=115.00000; s=59.00000; t=1.68.00000; NP2=19.00000; s=80.00000; t=4.31.00000; Principal axes: T 2.4020, P1g14.00000, Azm71.00000; N 0.4620, P1g58.00000, Azm183.00000; P -2.8570, P1g29.00000, Azm333.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBI Tubuai, PPT2 Papeete, DZM Mont Dzumac.

IDC 20 15:32:37.3,2.6,7.61S,128.18E, h154km,30km, mb3.6/6, mb1.3/0.10, mb1mx3.5/30, mbtmp4.2/10, MS3.2/2, Ms1.3/2, ms1mx2.6/40 Error ellipse: s-maj=46.0km s-min=19.3km az=88.0
NEIC 20 15:32:38.3,3.0,7.54S:0.08:128.34E:0.08, h167km,9km, mb4.2/14, Error ellipse: s-maj=11.7km s-min=11.1km az=138.0
ISC 20 15:32:36.7:0.5,7.66S:0.05:128.40E:0.06, h151km, n52, az=259/57, mb4.0/8, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, SAUI Saui, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBO Warramunga Arr, WRAB Warrab, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSAA0 Pilbara Seismi, PSAA0 Pilbara Seismi, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, KKM Kota Kinabalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HHC Hu-ho-hao-te, ODAN Odare, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAIN Ramite, JIRN Jiri, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, ABKAR Abkabal array, GSPA South Pole, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTN Manton Dam, SOEI Soe, KNRA Kununurra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAGI Jajag, BANYU Banyu, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, PSAC2 Pilbara Seismi, PSAC2 Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSAB2 Pilbara Seismi, PSAB2 Pilbara Seismi, PSAA2 Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBOO Bucklebo, STKA Stephens Creek, CAN Canberra, 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, MKAR Makanchi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, KSH Kashi, ARSB Arslanbob, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GYA0B ALIBECK ARRAY, MAK2 Makanchi, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DANN Danging, GKN Gorkha, DMN Daman, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, ILGA Ilgaz, FINES FINESS Array B, etc.

20d 16h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like S1RN, CUKT, SRTM, HAKT, MSL, AKDM, GEVA, GURO, SVAN, YOVA, MARD, MARD, MARD, MARD, MARD, MAZI, VRTB, DYBB, HANI, HANI, BNGB, AGRB, SVRICE, PTK, URFA.

AEIC 20 16:21:08.8±1.6, 59.34N±0.04, 136.58W±0.04, h7km±2km, ML3.0/21, ML3.1(OTT), Error ellipse: s-maj=6.1km s-min=3.0km az=195.0

NEIC 20 16:21:08.6±1.4, 59.32N±0.03, 136.58W±0.04, h8km±6km, Error ellipse: s-maj=5.0km s-min=2.7km az=186.0

PGC 20 16:21:09.5±0.0, 59.36N±136.57W, h1km, ML3.1/10, 81km west of Haines, Ak Southeastern Alaska

ISC 20 16:21:08.2±1.3, 59.33N±0.03, 136.55W±0.02, h4km±11km, m62, c152277, Southeastern Alaska

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SKAG, SKAG, DHAK, DHAK, BESE, BESE, BESE, BESE, YUK7, YUK7, PNL, PNL, PNL, PNL, JIS, JIS, HYT, WHY, WHY, WHY, YKUZ, YKUZ, YUK6, YUK6, YUK6, YUK6, YUK6, YUK6, PCA, PCA, PCA, YUK4, YUK4, SIT, CHX, CTGM, CTGM, CTGM, GRNC, GRNC, BARN, YUK3, YUK2, KIAG, KIAG, BALM, BALM, YUK1, TGL, PTPK, DLBC, DLBC, DLBC, WRAK, MCARA, VRDI, GLB, RAGM, CRAG, BC03, BC03, DAWY, DAWY, MENT, HIN, FID, SCRK, SCM, EGAK, RIDG, KNK, SAWM, DHY, GHO.

JMA 20 16:47:22.7, 23°21'N, 120°88'E, h0km, M3.6

ASIES 20 16:47:23.8, 23°20'N, 120°96'E, h17km, MW3.3

TAP 20 16:47:23.9, 23°19'N, 120°93'E, h6km, ML3.9, C

IASPEI 20 16:47:24.6±0.8, 23.20N±0.01, 120.93E±0.01, h8km±6km, mb3.1/3, Error ellipse: s-maj=2.0km s-min=1.7km

az=108.6, 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. Lett., 80, 465-472, 2009

IDC 20 16:47:24.2±1.6, 22°72'N, 120°62'E, h0km, mb3.2/3, mb1.3/5.4, mb1mx3.3/36, mbmt=27.7km, az=68.0

NEIC 20 16:47:24.3±1.8, 23°19'N±0.02, 120°93'E±0.03, h7km±9km, Error ellipse: s-maj=4.5km s-min=1.6km az=63.0

ISC 20 16:47:24.5±0.8, 23.20N±0.01, 120.93E±0.01, h8km±6km, m143, c0991/238, mb3.1/3, C-4D, Taiwan

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

2014 MAR

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like YUS, YUS, YUS, TPUB, TPUB, TPUB, WTP, WTP, SLGT, SLGT, FULB, FULB, FULB, SGST, SGST, CHN4, CHN4, CHN1, CHN1, CHN1, TWFI, TWFI, TWFI, SNST, SNST, SNST, TWG, TWG, TWG, TWGB, TWGB, TWK, TWK, TWK, CHKT, CHKT, CHNS, CHNS, CHNS, EHY, EHY, TTN, TTN, TWHT, TWHT, SSS, SSS, CHN3, CHN3, CHNS, CHNS, CHY, CHY, VVDT, VVDT, VVDT, SSSL, SSSL, SSSL, WGG, WGG, TWMT, TWMT, ECL, ECL, WDLH, WDLH, WDLH, SGLT, SGLT, WLBG, WLBG, MASBT, MASBT, WJS, WJS, EGHF, EGHF, EGHF, TAI, TAI, CHN8, CHN8, SCLT, SCLT, SCLT, SMLT, SMLT, TWH, TWH, TWH, SNUT, SNUT, TYC, TYC, WNT, WNT, WNT, ESL, ESL, ESL.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WSF, WSF, WSF, SSPT, SSPT, SSPT, OWD, OWD, EAST, EAST, WSSB, WSSB, WSSB, DPDB, DPDB, DPDB, TAW, TAW, TAW, KAU, KAU, RLNB, RLNB, RLNB, SCZT, SCZT, SCZT, WMLT, WMLT, WMLT, CHGB, CHGB, CHGB, WTCT, WTCT, WTCT, ENLB, ENLB, ENLB, WCHH, WCHH, WCHH, TCU, TCU, TCU, WLCH, WLCH, WLCH, WHF, WHF, WHF, HWA, HWA, HWA, TWP, TWP, TWP, TWD, TWD, TWD, TDCB, TDCB, TDCB, TWT, TWT, TWT, WHP, WHP, WHP, ETLH, ETLH, ETLH, NACB, NACB, NACB, NACB, NACB, WDJ, WDJ, WDJ, WDJ, HEN, HEN, HEN, NSY, NSY, NSY, TWK1, TWK1, TWK1, TWKB, TWKB, TWKB, PTBS, PTBS, PTBS, PHUB, PHUB, PHUB, NNSB, NNSB, NNSB, NNS, NNS, NNS, PNG, PNG, PNG, NMLH, NMLH, NMLH, VCHM, VCHM, VCHM, VCHM, VCHM, NNST, NNST, NNST, ENA, ENA, ENA, LIOB, LIOB, LIOB, LIOB, DNT, DNT, DNT, YHNB, YHNB, YHNB.

20d 17h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, SCRC, TOLK, UHLH, BCAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like B05A, J05D, I05D, CMB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ELK, Y12C, Y12C, PDMCI, etc.

F45A	CMU Biological	115.49	41	P	PKIKP	17 20 00.3	0.0
BR131	Keskin Array S	115.61	312	PKIKP	PKIKP	17 20 00.1	-0.8
BR131	Keskin Array S	115.61	312	PKIKP	PKIKP	17 20 00.1	-0.8
BR131	Keskin Array B	115.61	312	PKP	PKIKP	17 20 00.7	-0.3
BRTR	comp=Z,2.8nm,1.0s,baz=108,slow=2.4,SNR=11			PP	PP	17 21 05.0	+1.4
BRTR	comp=Z,2.5nm,0.8s,baz=225,slow=3.3,SNR=12			PKPKPbc	PKPKPbc	17 30 35.8	+0.8
BRTR	Keskin Array B	115.61	312	PKIKP	PKIKP	17 20 00.2	-0.8
BRTR	Keskin Array B	115.61	312	PKPKPbc	PKPKPbc	17 30 35.3	+0.4
BRTR	Keskin Array B	115.61	312	PKIKP	PKIKP	17 20 00.2	-0.8
OXF	Oxford	115.69	54	PKIKP	PKPdf	17 20 00.1	-0.9
OXF	Oxford	115.69	54	PKIKP	PKPdf	17 20 00.1	-0.9
OXF	Oxford	115.69	54	PKIKP	PKPdf	17 20 01.0	0.0
D46A	Sault St. Mari	116.01	40	P	PKPdf	17 20 00.9	-0.4
SFIN	Lafayette	116.04	47	P	PKPdf	17 20 01.4	-0.1
D47A	Chapleau	116.54	39	P	PKIKP	17 20 02.7	+0.3
WVT	Waverly	116.59	52	PKIKP	PKPdf	17 20 01.5	-1.2
WVT	Waverly	116.59	52	PKIKP	PKPdf	17 20 01.5	-1.2
WVT	Waverly	116.59	52	P	PKPdf	17 20 02.6	-0.1
E47A	Iron Bridge	116.66	40	P	PKPdf	17 20 02.3	-0.2
G47A	Hillman	116.76	41	P	PKPdf	17 20 02.8	0.0
J47A	Summer	116.78	44	P	PKPdf	17 20 02.7	-0.1
K47A	Vermontville	116.84	44	P	PKPdf	17 20 02.7	-0.3
N47A	Urbana	116.92	47	P	PKIKP	17 20 03.9	+0.7
N47A	Urbana	116.92	47	P	PKPdf	17 20 03.1	-0.1
L47A	Sherwood	116.93	45	P	PKPdf	17 20 03.1	-0.1
T47A	Sharon Grove	116.94	51	P	PKIKP	17 20 03.5	+0.1
CSS	Mathias	117.04	307	PKPdf	PKPdf	17 20 03.5	-0.1
WCI	Wyandotte Cave	117.24	50	P	PKIKP	17 20 04.0	+0.1
D48A	Paudash Townsh	117.31	39	P	PKIKP	17 20 03.9	+0.1
NB2	NORSAR Subarrat	117.31	340	PKPdf	PKPdf	17 20 02.9	-0.5
NB2	NORSAR Subarrat	117.31	340	PKPdf	PKPdf	17 20 02.9	-0.5
NOA	NORSAR Array B	117.31	340	PKP	PKPdf	17 20 03.4	0.0
F48A	Evanville	117.32	40	P	PKPdf	17 20 03.8	0.0
E48A	Lockeyer	117.36	40	P	PKPdf	17 20 03.7	-0.2
N48A	Decatur	117.40	46	P	PKIKP	17 20 04.2	0.0
K48A	Perry	117.41	44	P	PKIKP	17 20 04.2	+0.1
Q48A	North Vernon	117.46	49	P	PKPdf	17 20 04.2	-0.1
J48A	Bridge Port	117.47	43	P	PKIKP	17 20 04.7	+0.5
L48A	Smith Brothers	117.47	52	PKPdf	PKPdf	17 20 03.7	-0.8
V48A	N Adams	117.48	45	P	PKPdf	17 20 04.2	-0.1
O48A	Farmland	117.50	47	P	PKPdf	17 20 04.2	-0.2
P48A	Milroy	117.54	48	P	PKPdf	17 20 04.3	-0.2
X48A	Hartselle	117.61	54	P	PKPdf	17 20 04.1	-0.6
F49A	Sandfield	117.72	40	P	PKIKP	17 20 04.7	0.0
CLTN	Cedars of Leba	117.77	52	PKPdf	PKPdf	17 20 04.1	-0.9
L49A	Milan	117.89	45	P	PKIKP	17 20 05.1	0.0
I49A	Point Hope	117.90	42	P	PKPdf	17 20 04.9	-0.1
M49A	Liberty Center	117.96	45	P	PKIKP	17 20 05.6	+0.4
LRAL	Lakeview Retre	117.97	55	P	PKPdf	17 20 04.7	-0.8
LRAL	Lakeview Retre	117.97	55	P	PKPdf	17 20 05.4	-0.1
N49A	Columbus Grove	117.99	46	P	PKIKP	17 20 05.5	+0.2
N49A	Columbus Grove	117.99	46	P	PKPdf	17 20 05.2	-0.1
Q49A	Miami Univ. Ec	118.04	48	P	PKIKP	17 20 05.6	+0.0
P49A	Aurora	118.06	48	P	PKIKP	17 20 05.5	0.0
U49A	Red Boiling Sp	118.09	51	P	PKIKP	17 20 06.1	+0.4
O49A	Covington	118.11	47	P	PKPdf	17 20 07.4	-0.9
O49A	Covington	118.11	47	P	PKPdf	17 20 05.5	-0.1
S49A	Springfield	118.12	50	P	PKIKP	17 20 05.7	+0.1
T49A	Edmonton	118.12	51	P	PKIKP	17 20 05.8	+0.1
T49A	Edmonton	118.12	51	P	PKPdf	17 20 05.4	-0.2
BIZ	Bicaz	118.29	321	PKIKP	PKIKP	17 20 06.8	+1.0
PLOR	Plostina	118.40	320	PKIKP	PKIKP	17 20 06.8	+1.0
D50A	G1974 Best Tow	118.53	38	P	PKPdf	17 20 06.1	0.0
BUR08	Bucovina Ar. S	118.54	322	PKIKP	PKIKP	17 20 07.5	+1.1
BURAR	Bucovina Array	118.55	322	PKIKP	PKIKP	17 20 08.0	+1.7
BURAR	Bucovina Array	118.55	322	PKIKP	PKIKP	17 20 08.0	+1.7
BURAR	Bucovina Array	118.55	322	PKIKP	PKIKP	17 20 06.2	0.0
L50A	Kingsville	118.58	44	P	PKPdf	17 20 06.2	-0.2
M50A	Fremont	118.64	45	P	PKIKP	17 20 06.6	+0.1
MAT0A	Matagami	118.65	35	P	PKIKP	17 20 06.5	+0.2
50A0	Cable	118.65	47	P	PKPdf	17 20 06.6	0.0
T50A	Nancy	118.68	50	P	PKPdf	17 20 06.6	-0.2
P50A	Jamestown	118.69	47	P	PKPdf	17 20 06.4	-0.3
R50A	Paris	118.70	49	P	PKPdf	17 20 06.3	-0.5
R50A	Paris	118.70	49	P	PKPdf	17 20 06.6	-0.1
FPAL	Fort Paine	118.73	53	P	PKPdf	17 20 06.0	-1.0
N50A	Nevada	118.78	46	P	PKPdf	17 20 06.6	-0.2
Q50A	Georgetown	118.79	48	P	PKPdf	17 20 06.8	-0.1
Z50A	Ashland	118.79	55	P	PKPdf	17 20 06.6	-0.5
Z50A	Ashland	118.79	55	P	PKPdf	17 20 06.6	-0.5
Z50A	Grady	118.80	56	P	PKPdf	17 20 05.5	-1.6
W50A	Signal Mountai	118.80	53	P	PKPdf	17 20 06.5	-0.6
S50A	Richmond	118.83	50	P	PKPdf	17 20 06.7	-0.3
TEIG	Tepech	118.84	70	PKP	PKIKP	17 20 08.2	+0.7
D51A	Lot 18 Range I	118.85	38	P	PKIKP	17 20 06.8	0.0
MLR	Muntele Rosu	119.00	320	PKIKP	PKPdf	17 20 05.9	-1.4
MLR	Muntele Rosu	119.00	320	PKIKP	PKPdf	17 20 05.8	-1.4
F51A	Arnstein	119.01	39	P	PKPdf	17 20 07.1	0.0
E51A	G1948 Merrick	119.02	39	P	PKIKP	17 20 07.4	+0.2
KWP	Kalwaria Pacla	119.08	325	ePKP	PKIKP	17 20 08.0	+0.8
KWP	Kalwaria Pacla	119.08	325	ePKP	PKIKP	17 20 06.0	-1.2
KWP	Kalwaria Pacla	119.08	325	ePKP	PKIKP	17 20 06.0	-1.2
ACSO	Alum Creek Sta	119.08	46	PKPdf	PKPdf	17 20 07.0	-0.4
DOPR	Dopca	119.15	321	PKP	PKPdf	17 20 07.9	+0.4
I51A	Listowel	119.15	42	P	PKPdf	17 20 07.8	+0.3
Q51A	Peebles	119.21	48	P	PKPdf	17 20 07.3	-0.4
Q51A	Peebles	119.21	48	P	PKIKP	17 20 07.9	+0.1
R51A	Hillsboro	119.26	49	P	PKPdf	17 20 07.8	0.0
P51A	Williamsport	119.27	47	P	PKPdf	17 20 07.3	-0.5
P51A	Williamsport	119.27	47	P	PKIKP	17 20 08.1	+0.3
M51A	Elyria	119.27	45	P	PKPdf	17 20 07.7	-0.1
N51A	Ashland	119.28	46	P	PKPdf	17 20 06.7	-1.1
N51A	Ashland	119.28	46	P	PKIKP	17 20 07.9	0.0
X51A	Calhoun	119.33	53	P	PKPdf	17 20 08.1	0.0

CPCT	Cooper Cave	119.36	52	P	PKIKP	17 20 08.8	+0.7
LSQQ	Label-sur-Que	119.36	35	P	PKIKP	17 20 08.0	+0.3
TS1A	Greene	119.38	50	P	PKPdf	17 20 07.9	-0.2
Z51A	Franklin	119.39	55	P	PKIKP	17 20 08.4	+0.2
V51A	Loudon	119.40	52	P	PKPdf	17 20 07.2	-0.9
PLCA	Paso Flores	119.42	143	PKP	PKIKP	17 20 08.3	+0.1
BOSA	Bosho	119.43	233	PKP	PKPdf	17 20 08.5	-0.1
F52A	Sundridge	119.44	39	P	PKIKP	17 20 08.1	+0.1
S51A	Beattyville	119.45	49	P	PKPdf	17 20 07.5	-1.7
VLDQ	Val d'Or	119.54	36	P	PKPdf	17 20 06.9	-0.1
VOIR	VOIR	119.59	320	PKP	PKIKP	17 20 10.3	+1.9
VOIR	VOIR	119.59	320	PKP	PKIKP	17 20 10.3	+1.9
ES2A	Mattawa	119.65	39	P	PKPdf	17 20 08.3	0.0
J52A	Paris	119.74	42	P	PKPdf	17 20 08.6	0.0
M52A	Chesterland	119.78	45	P	PKIKP	17 20 08.9	+0.1
N52A	McGinn's Farm,	119.81	45	P	PKPdf	17 20 08.9	0.0
TZTN	Tazewell	119.81	51	P	PKIKP	17 20 09.9	+0.9
TZTN	Tazewell	119.81	51	P	PKIKP	17 20 09.2	+0.2
D53A	Lac Vavie, Po	119.88	37	P	PKPdf	17 20 08.1	-0.6
TKL	Tuckaleechee C	119.89	52	PKP	PKIKP	17 20 09.4	+0.2
TKL	Tuckaleechee C	119.89	52	PKP	PKIKP	17 20 08.7	-0.4
PS2A	Corning	119.90	47	P	PKIKP	17 20 09.1	0.0
W52A	Waverly Hall	119.92	55	P	PKPdf	17 20 08.9	-0.4
W52A	Murphy	119.93	52	P	PKPdf	17 20 08.2	-1.0
OS2A	Keokuk	119.95	46	P	PKPdf	17 20 08.7	-0.4
OS2A	Adamsville	119.95	46	P	PKIKP	17 20 09.3	+0.1
R52A	Cattlettsburg	119.95	48	P	PKIKP	17 20 09.3	+0.1
V52A	Bevierville	119.98	51	P	PKIKP	17 20 09.8	+0.5
SAD0	Sadowa	120.00	40	PKP	PKIKP	17 20 09.3	+0.2
Q52A	Hidwell	120.02	48	P	PKPdf	17 20 09.2	-0.1
TS2A	Baldie	120.07	50	P	PKIKP	17 20 10.2	+0.7
ELND	Elena	120.08	317	PKP	PKIKP	17 20 09.4	0.0
Y52A	Liburn	120.15	54	P	PKPdf	17 20 09.7	0.0
Y52A	Liburn	120.15	54	P	PKPdf	17 20 09.9	+0.1
ALGO	Algonquin Park	120.17	39	P	PKPdf	17 20 09.3	0.0
G53A	Haliburton	120.18	40	P	PKIKP	17 20 09.6	+0.1
M53A	WI Miller and	120.29	44	P	PKIKP	17 20 10.2	+0.4
O53A	New Philadelph	120.35	46	P	PKIKP	17 20 10.0	+0.1
L53A	Girard	120.39	44	P	PKPdf	17 20 09.7	-0.2
OJC	Ojcow	120.39	327	ePKP	PKIKP	17 20 10.4	+0.7
OJC	Ojcow	120.39	327	ePKP	PKIKP	17 20 10.4	+0.7
OJC	Ojcow	120.39	327	ePKP	PKIKP	17 20 08.9	-0.7
G54A	Lake Saint Pet	120.40	39	P	PKPdf	17 20 09.8	0.0
N53A	Lisbon	120.41	45	P	PKPdf	17 20 08.5	-1.5
N53A	Lisbon	120.41	45	P	PKPdf	17 20 09.8	-0.1
H53A	Boboyeogon	120.44	40	P	PKPdf	17 20 09.6	-0.3
TS3A	Wise	120.45	50	P	PKPdf	17 20 10.0	-0.3
R53A	Hurricane	120.46	48	P	PKIKP	17 20 10.5	+0.3
D54A	Lac Fusel, La	120.47	37	P	PKIKP	17 20 10.2	+0.3
P53A	Whipple	120.49	47	P	PKIKP	17 20 10.3	+0.1
P53A	Whipple	120.49	47	P	PKIKP	17 20 10.6	+0.3
ERP	Erie	120.51	43	P	PKPdf	17 20 10.1	0.0
NIE	Niedzica	120.54	326	ePKP	PKIKP	17 20 11.5	+1.4
NIE	Niedzica	120.54	326	ePKP	PKIKP	17 20 11.5	+1.4
X53A	Etanollée	120.58	53	P	PKPdf	17 20 10.2	-0.3
Q53A	Leroy	120.60	48	P	PKPdf	17 20 10.2	-0.2
PLVB	Pleven	120.73	318	PKP	PKIKP	17 20 11.1	+0.5
BG3	Lake Jocassee	120.74					

TREC	Trest	123.22 328	ePKPDF	PKIKP	17 20 16.4 +1.0	GERES	GERESS Array B	124.43 328	PKP	PKIKP	17 20 18.1 +0.3	CMBC	Cumbal	129.23 93l	eP	PKIKP	17 20 33.0 +4.1		
TREC	Trest	123.22 328	ePKIKP	PKIKP	17 20 16.4 +1.0	GERES	comp-Z, 1.1nm, 0.9s, baz=69, slow=1.9, SNR=50	PKPKPbc	PKPKPbc	17 30 01.9 -0.5	LATE	Laterza	129.24 323	eP	PKPKP	17 20 26.5 -0.3			
M58A	Price's Panora	123.22 43	PKP	PKP	17 20 15.4 0.0	GERES	comp-Z, 0.2nm, 0.3s, baz=191, slow=2.7, SNR=54	PKPKPbc	PKPKPbc	17 30 01.9 -0.5	SENIN	Lac Senin/Sane	129.33 330	eP	PKP	17 20 26.3 -0.8			
CLL	Collim	123.23 331	iPKP	PKIKP	17 20 16.3 +1.0	GERES	GERESS Array B	124.43 328	PKP	PKP	17 20 17.2 -0.3	PTAC	Punta Ardita,	129.61 85	eP	PKPKP	17 20 35.7 +6.6		
CLL	comp-Z, 1.5nm, 0.8s					F61A	St Evariste	124.43 36	P	PKIKP	17 20 18.8 +1.0	FTAC	Castiglione de	129.69 324	eP	PKPKP	17 20 41.0 -2.2		
CLL						L60A	Shokan	124.44 41	P	PKIKP	17 20 18.5 +0.5	POPC	Popayan, Colom	130.52 91l	eP	PKP	17 20 29.4 -0.9		
CLL						P60A	Greenville	124.46 44	P	PKP	17 20 17.6 -0.1	BNI	Bardonecchia	130.54 329	PKIKP	PKP	17 20 28.7 -0.7		
CLL						P60A	Greenville	124.46 44	P	PKIKP	17 20 18.6 +0.5	BNI	Rioblanco	130.55 92	eP	PKP	17 20 28.0 -0.7		
CLL	comp-Z, 400nm, 21.2s					E61A	Lac Etchemin	124.47 35	P	PKIKP	17 20 18.5 +0.6	SOTA	Limon Verde	130.59 126	eP	PKP	17 20 33.0 +1.4		
CLL	comp-Z, 500nm, 19.9s					GTTG	Gottingen	124.50 333	ePKP	PKIKP	17 20 18.0 +0.2	LVC	comp-Z, 1.1nm, 0.9s, baz=209, slow=1.3, SNR=7.9	SKPbc	SKPbc	17 23 55.9 +5.6			
CLL	Collim	123.23 331	ePKP	PKIKP	17 20 16.2 +0.9	MANZ	Manzenberg	124.52 330	ePKP	PKIKP	17 20 18.0 +0.1	PCON	Cinco Dias	130.78 91	eP	PKIKP	17 20 33.0 +0.8		
CLL	Collim	123.23 331	iPKIKP	PKIKP	17 20 16.3 +1.0	PSUB	Penn St. - Bra	124.54 44	P	PKP	17 20 17.2 -0.7	VOIC	Voco, Valle	130.95 89	eP	PKP	17 20 29.4 +0.7		
CLL	comp-Z, 1.5nm, 0.8s					ODNJ	Ogdensburg	124.61 43	P	PKP	17 20 17.2 -0.8	CBOC	Ciudad Bolivar	131.36 87	eP	PKIKP	17 20 34.8 +2.0		
CLL	comp-Z, 400nm, 21.2s					ROTZ	Rotzenmuhle	124.61 30	ePKP	PKIKP	17 20 18.1 0.0	FLOCI	Florenzia	131.45 82	eP	PKP	17 20 32.1 +0.2		
CLL	Collim	123.23 331	PKIKP	PKIKP	17 20 16.1 +0.9	H61A	Lyndonville	124.64 38	P	PKIKP	17 20 19.1 +0.8	GO01	Chumizua	131.82 122	eP	PKP	17 20 32.1 -0.9		
N58A	Sunbury	123.27 44	P	PKIKP	17 20 15.8 +0.1	WET	Wetzell	124.67 329	ePKP	PKIKP	17 20 18.3 +0.1	HELIC	Santa Helena	131.85 86	eP	PKP	17 20 32.1 -0.9		
N58A	Sunbury	123.27 44	P	PKIKP	17 20 15.8 +0.2	PDG	Podgorica	124.69 319	PKP	PKP	17 20 18.1 0.0	RREF	El Recreo	131.98 88	eP	PKIKP	17 20 34.8 +0.1		
PRU	Pruhonice	123.29 329	ePKPDF	PKIKP	17 20 15.5 +0.1	PDG	Podgorica	124.69 319	PKP	PKP	17 20 18.1 0.0	ORTC	Ortega, Tolima	132.04 89l	eP	PKP	17 20 32.1 -0.9		
PRU	Pruhonice	123.29 329	ePKPDF	PKIKP	17 20 15.5 +0.3	MOA	Molin	124.73 327	iPKIKP	PKP	17 20 18.6 -0.4	SJCC	San Jacinto, C	132.18 81	eP	PKIKP	17 20 33.9 -0.4		
FBE	Freiberg	123.31 331	ePKP	PKIKP	17 20 15.7 +0.3	X60A	Albert Glenn T	124.74 51	P	PKIKP	17 20 19.3 +0.5	ZARC	Zaragoza, Cauca	132.54 85	eP	PKP	17 20 33.9 0.0		
H58A	Gabriels	123.31 39	P	PKIKP	17 20 16.0 +0.3	G61A	Williamstown	124.74 40	P	PKIKP	17 20 18.9 +0.3	ROSC	El Rosal	133.01 88	eP	PKIKP	17 20 36.4 0.0		
L58A	Harry Jones Me	123.34 42	P	PKIKP	17 20 16.1 +0.3	T60A	Surry	124.75 48	P	PKIKP	17 20 18.9 +0.2	ROSC	El Rosal	133.01 88	eP	PKP	17 20 35.7 +0.4		
O58A	Fox Den Farm,	123.36 46	P	PKIKP	17 20 15.8 -0.1	L61A	Hillside, I, H	124.79 41	P	PKIKP	17 20 19.2 +0.5	ARGC	Ariguani, Magd	133.10 81	eP	PKP	17 20 33.0 -1.9		
D58A	Saint-Raymond	123.38 35	P	PKIKP	17 20 16.1 +0.4	LBNH	Lisbon	124.80 38	P	PKIKP	17 20 19.7 +1.1	SOTC	San Pablo de B	133.28 87	eP	PKP	17 20 34.8 -0.6		
R58A	Rapidan	123.38 47	P	PKIKP	17 20 16.4 +0.4	BLY	Banja Luka	124.81 323	PKP	PKP	17 20 19.3 +0.7	MACC	Macarena, Meta	133.30 92	eP	PKP	17 20 34.8 -0.6		
P58A	Pank, Wackersv	123.42 45	P	PKIKP	17 20 16.5 +0.5	GROS	Grosche	124.86 325	ePKP	PKP	17 20 19.2 +0.4	BRRC	Barranca, Sant	133.67 85	eP	PKP	17 20 33.0 -3.0		
O58A	Lewisberry	123.43 45	P	PKIKP	17 20 16.3 +0.2	J61A	Chester	124.86 39	P	PKIKP	17 20 19.2 +0.4	LPAZ	La Paz	134.18 119	PKHKP	PKP	17 20 25.3		
V58A	Windy Hill, Pi	123.45 50	PKP	PKP	17 20 15.6 -0.3	D62A	Allappott, All	124.91 34	P	PKIKP	17 20 19.1 +0.4	LPAZ	La Paz	134.18 119	PKHKP	PKP	17 20 25.3		
V58A	Windy Hill, Pi	123.45 50	PKP	PKP	17 20 15.6 -0.3	IBBN	Ibbenburg	124.93 335	ePKP	PKIKP	17 20 18.8 +0.2	LPAZ	La Paz	134.18 119	PKHKP	PKP	17 20 25.3		
SKO	Skopje	123.46 318	iP	PKIKP	17 20 16.2 +0.2	UBKA	Unterbreizbach	124.97 326	ePKP	PKP	17 20 18.9 +0.3	LPAZ	La Paz	134.18 119	PKHKP	PKP	17 20 25.3		
T58A	Grand View Acr	123.49 49	P	PKIKP	17 20 16.5 +0.3	SOKA	Sokolovo	125.00 32	iPKIKP	PKP	17 20 18.7 0.0	LPAZ	La Paz	134.18 119	PKHKP	PKP	17 20 25.3		
H59A	Cadyville	123.50 38	P	PKP	17 20 15.9 +0.1	M61A	Granite Spring	125.06 42	P	PKIKP	17 20 19.7 +0.5	LPAZ	La Paz	134.18 119	PKHKP	PKP	17 20 25.3		
PAGS	Pennsylvania G	123.53 44	PKP	PKP	17 20 15.8 -0.1	H62A	Milan	125.09 37	P	PKIKP	17 20 19.7 +0.5	RUSC	La Rusia	134.28 87	eP	PKP	17 20 38.9 0.0		
LIT	Litokhoron	123.55 315	PKIKP	PKP	17 20 15.2 -0.9	H62A	Milan	125.09 37	P	PKIKP	17 20 19.7 +0.5	PAMC	Pamplona, Colo	134.68 85	eP	PKP	17 20 37.5 -0.3		
LIT	Litokhoron	123.55 315	PKIKP	PKP	17 20 15.2 -0.9	PAL	Palisades	125.11 42	P	PKIKP	17 20 19.9 +0.6	KEST	Kesra	134.74 317	PKP	PKP	17 20 39.3 -0.7		
L59A	Piesco	123.57 40	P	PKIKP	17 20 16.6 +0.4	G62A	West of Eustis	125.11 36	P	PKIKP	17 20 19.6 +0.4	KEST	Kesra	134.74 317	PKP	PKP	17 20 38.5 -0.4		
G59A	Clarenceville	123.60 38	P	PKIKP	17 20 16.4 +0.3	GRF	Grafenberg Arr	125.14 330	ePKP	PKIKP	17 20 19.1 0.0	CPUP	comp-Z, 1.2nm, 0.9s, baz=207, slow=3.4, SNR=12	KESK	Kesra	135.25 143	eP	PKP	17 20 37.6 +0.1
R58B	Mineral	123.60 47	P	PKP	17 20 15.5 -0.6	L61B	Northampton	125.23 40	P	PKIKP	17 20 19.9 +0.4	CPUP	comp-Z, 5.6nm, 0.9s, baz=277, slow=9.9, SNR=5	ITQB	Itaqui	135.25 143	eP	PKP	17 20 41.2 +1.1
R58B	Mineral	123.60 47	P	PKP	17 20 16.7 +0.3	U61A	Possum Corner	125.27 49	P	PKIKP	17 20 20.0 +0.3	SDV	Santo Domingo	136.70 83	PKHKP	PKP	17 20 33.0		
S58A	Poland Farm, P	123.60 48	P	PKIKP	17 20 16.9 +0.5	W61A	Ground Anchor	125.29 50	P	PKIKP	17 20 20.0 +0.1	SDV	Santo Domingo	136.70 83	PKHKP	PKP	17 20 42.8 -0.8		
S58A	Poland Farm, P	123.60 48	P	PKIKP	17 20 16.7 +0.3	I62A	Northampton	125.35 38	P	PKIKP	17 20 20.2 +0.5	SDV	Santo Domingo	136.70 83	PKHKP	PKP	17 20 43.3 +0.5		
W58A	Raeoford	123.62 51	P	PKIKP	17 20 17.0 +0.5	OBKA	Obir	125.37 326	ePKIKP	PKP	17 20 19.3 -0.1	CPUP	Villa Florida	137.12 138	PKHKP	PKP	17 20 40.3 -0.7		
K59A	Cooperstown	123.67 41	P	PKIKP	17 20 16.8 +0.4	G62A	West of Eustis	125.37 32	P	PKIKP	17 20 19.6 +0.4	CPUP	Villa Florida	137.12 138	PKHKP	PKP	17 20 43.9 -0.1		
U58A	Oxford	123.67 49	P	PKIKP	17 20 17.0 +0.4	L61B	Northampton	125.35 40	P	PKIKP	17 20 19.9 +0.4	CPUP	Villa Florida	137.12 138	PKHKP	PKP	17 20 30.8		
ROC1	El Roble	123.69 136	PKP	PKP	17 20 13.9 -3.0	U61A	Possum Corner	125.27 49	P	PKIKP	17 20 20.0 +0.3	CPUP	Villa Florida	137.12 138	PKHKP	PKP	17 20 43.9		
Z58A	St. Stephen	123.70 53	P	PKP	17 20 16.3 -0.1	W61A	Ground Anchor	125.29 50	P	PKIKP	17 20 20.0 +0.1	CPUP	Villa Florida	137.12 138	PKHKP	PKP	17 20 44.5 +0.6		
DWPF	Disney Wildern	123.76 60	P	PKIKP	17 20 17.1 +0.1	I62A	Northampton	125.35 38	P	PKIKP	17 20 20.2 +0.5	CRPR	Cap Rojo, PR	138.69 69	eP	PKP	17 20 45.5 -1.1		
PBCO	Pirbram	123.76 329	ePKPDF	PKIKP	17 20 16.4 0.0	OBKA	Obir	125.37 326	ePKIKP	PKP	17 20 19.3 -0.1	MLPR	Magueyes Islan	139.01 69	eP	PKP	17 20 45.3 -0.4		
ASSE	Asse, Remlinge	123.78 333	ePKPDF	PKIKP	17 20 16.5 +0.3	G00A	Goito Observa	125.37 133	PKP	PKP	17 20 19.6 -0.5	AOPR	Arcebo Observ	139.19 68	eP	PKP	17 20 46.4 +0.2		
SDMD	Soldier's Dell	123.78 45	PKIKP	PKP	17 20 16.8 +0.1	J62A	Henniker	125.39 39	P	PKIKP	17 20 20.2 +0.4	OBIP	Obispo Ponce	139.39 68	eP	PKP	17 20 45.8 -0.9		
NRDL	Niedersach Ric	123.78 334	ePKP	PKIKP	17 20 16.8 +0.6	D63A	Stockholm	125.45 33	P	PKIKP	17 20 20.8 0.0	SJG	San Juan	139.60 68	PKIKP	PKP	17 20 47.9 +0.7		
I59A	Oldsteadville	123.81 39	P	PKIKP	17 20 17.0 +0.3	BOJS	Bojso	125.54 324	ePKP	PKP	17 20 20.2 +0.2	SJG	San Juan	139.60 68	PKIKP	PKP	17 20 46.8 -0.4		
L59A	Walton	123.81 42	P	PKIKP	17 20 17.0 +0.2	R0JUB	Rochberg	125.58 328	ePKP	PKP	17 20 19.5 -0.3	ESDC	Sonsea Arroy	139.81 332	PKHKP	PKP	17 20 40.8		
CONA	Conrad Observa	123.81 326	iPKIKP	PKIKP	17 20 16.8 +0.1	E63A	Oxbow	125.64 34	P	PKIKP	17 20 20.4 +0.2	ESDC	comp-Z, 0.9nm, 0.4s, baz=32, slow=3.3, SNR=2.2	PKP	PKP	17 20 48.0 -1.2			
PEL	Peledue	123.82 136	PKIKP	PKP	17 20 16.2 -0.6	F63A	Katankanta, Br	125.68 35	P	PKIKP	17 20 20.9 +0.6	G0PR	Guaynabo City	139.82 333	ePKP	PKP	17 20 46.8 -0.4		
PEL	Peledue	123.82 136	PKIKP	PKP	17 20 16.2 -0.6	KBA	Koelnbreinsper	125.69 327	iPKIKP	PKP	17 20 19.8 -0.4	MVO	Moncorvo	139.92 336	ePKP	PKP	17 20 50.5 +1.2		
M59A	Waymart	123.84 42	P	PKIKP	17 20 16.8 0.0	G63A	Kingsbury	125.71 36	P	PKIKP	17 20 21.0 +0.6	PDPR	Patillas Dam,	139.94 68	eP	PKP	17 20 47.7 +0.3		
O59A	Robesonia	123.86 44	P	PKIKP	17 20 17.1 +0.2	H63A	New Sharon	125.72 37	P	PKIKP	17 20 20.8 +0.5	PVRL	Vila Real	140.10 337	ePKP	PKP	17 20 50.4 +0.7		
F60A	Warwick	123.87 36	P	PKIKP	17 20 16.9 +0.2	MYKA	Terra Mystica	125.80 326	iPKIKP	PKP	17 20 19.9 -0.3	SIV	San Ignacio	140.36 123	PKHKP	PKP	17 20 45.0 +0.7		
MVL	Millersville	123.88 44	PKP	PKP	17 20 16.6 0.0	K63A	Dunstable	125.84 40	P	PKIKP	17 20 21.2 +0.5	SIV	comp-Z, 3.6nm, 0.9s, baz=315, slow=6.8, SNR=10.0	PKP	PKP	17 20 48.8 +0.5			
MVB	Neuenburg	123.88 332	ePKP	PKIKP	17 20 16.7 +0.1	E64A	Bridgewater	125.98 34	P	PKIKP	17 20 21.3 +0.4	PMTE	Monte Teatin	141.45 337	ePKP	PKP	17 20 53.8 -0.9		
N59A	State Game Lan	123.89 43	PKIKP	PKP	17 20 17.3 +0.4	F64A	Sherman	126.01 35	P	PKIKP	17 20 21.0 +0.2	PMRV	Marv??o	141.53 335	ePKP	PKP	17 20 44.6 -5.2		
N59A	State Game Lan	123.89 43	PKIKP	PKP	17 20 17.1 +0.2	VOJS	Vojsko	126.02 326	ePKP	PKP	17 20 20.6 0.0	PTOM	Tomar	141.79 336	ePKP	PKP	17 20 53.0 -0.1		
RETH	Rethem/Aller,	123.94 334	ePKP	PKIKP	17 20 16.9 +0.3	TNS	Tanus Mts	126.11 329	ePKP	PKP	17 20 21.0 -0.1								

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like PSCM, PTGA, PTGA, etc.

GCG 20 17:04:31.1±0.6, 12.78N:88.84W, h88km±105km, MD4.6
SNET 20 17:04:46.9±1.2, 13.38N:89.95W, h63km±15km, ML5.0
NEIC 20 17:04:47.4±2.1, 13.42N:0.06:89.86W±0.05, h65km±6km,
Error ellipse: s-maj=10.3km s-min=-6.3km az=214.0
UCR 20 17:04:47.9±1.5, 13.42N:89.92W, h56km±14km, ML4.8,
mb4.9(NVIC)

INET 20 17:04:48.4, 13.36N:89.89W, h24km, ML5.4
GCMT 20 17:04:49.0±0.5, 13.60N:0.03:89.97W±0.03, h12km,
MW5.2/72, Moment Tensor Solution. s22,c24; s72,c88;
Duration: 1s1 Moment tensor: Scale 1016Nm;

Mn0.50±.13; Mn0.53±.12; Mn0.02±.13; Mn6.54±.25;
Mn0.04±.10; Mn0.32±.34; Best double couple:
Mn7.33000x1016 NP1.0±257.00000; s2.00000;
1.50.00000; NP2.9±117.00000; s88.00000; s2.00000.
Principal axes: T: 7.3250, Plg47.000; Azm20.000; N:
-0.0490, Plg2.000; Azm296.000; P: 7.3050,
Plg43.0000; Azm205.0000; nst1 refers to body waves,
cutoff=40s. nst2 refers to surface waves, cutoff=50s.

MEX 20 17:04:50.9±0.7, 13.74N:89.82W, h20km±14km, MD4.2
ISC 20 17:04:47.0±0.5, 13.46N:0.05:89.89W±0.03, h65km±3km,
h66km;pP-P,n214.,c1926/263,mb4.7/47,2C-11D,El

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like CEVE, CEVE, CEVE, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like LLGN, LLGN, LLGN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like MIAR, UALR, UALR, etc.

20d 17h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AGNM Agassiz Nation, NVAR Mina Array Bea, NVAR LPAZ, etc.

ANF 20 17:07:08.5±0.2, 0.40:32N-125°02'W, h2km, 7km, ML3.3/8, Error ellipse: s-maj=21.1km s-min=10.4km az=99.0

NCEDC 20 17:07:28.2±0.5, 0.40:298N,0.05:124.50W,0.05, h4km, 7km, ML3.2/20, Error ellipse: s-maj=5.4km s-min=0.7km az=85.0

NEIC 20 17:07:21.4±1.8, 0.40:27N,0.03:124.48W,0.07, h23km, 9km, Error ellipse: s-maj=7.8km s-min=4.2km az=76.0

ISC 20 17:07:19.5±1.0, 0.40:26N,0.03:124.62W,0.08, h25km, n64, c1939/66, Near coast of northern California

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KCTM Capetown, KCTM Slide Mountain, KMPM Mount Pierce, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GDCM Dry Creek, KTRM Thompson Ridge, GACM Adobe Creek, etc.

IDC 20 17:07:40.4±0.9, 5:30S:153°04'E, h0km, mb4.2/14, mb1.4.3/14, mb1mx4.2/35, mbtmp4.2/14, MS4.4/1, Ms1.4.4/1, ms1mx3.7/30, Error ellipse: s-maj=21.1km s-min=13.7km az=70.0

NEIC 20 17:07:49.3±1.2, 5:18S:0.04:152.7E±0.1, h60km, 7km, mb4.5/18, Error ellipse: s-maj=19.7km s-min=5.3km

ISC 20 17:07:47.3±0.7, 5:20S:0.07:152.9E±0.1, h43km, n43, c1511/43, mb4.4/23, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), KRVT Fort Rock, PAHRA Pine Nut, etc.

CISE Cisompet, Garu 44.82 265 P P 17 15 56.4 -1.3

POCI Prapat 54.47 277 LR LR 17 42 46.6

CMAR Chiang Mai Arr 55.17 295 P P 17 17 36.4 -0.6

CMAR Chiang Mai Arr 58.23 295 P P 17 17 35.3 -1.6

PETK Petropavlovsk 58.23 3 P P 17 17 37.7 +0.6

PETK Petropavlovsk 58.23 3 P P 17 17 37.8 +0.7

SONM Songoing Array 66.69 328 P P 17 18 35.2 +1.3

BILL Bilbino 73.67 5 P P 17 19 16.9 +0.8

SUA Susitna One 79.29 24 P P 17 19 48.1 0.0

MLK Makanchi Array 80.67 319 P P 17 19 56.2 +0.4

MLY Manley 81.22 21 P P 17 19 58.7 +0.3

ZAL Zalesovo Ben 81.52 326 P P 17 20 00.4 +0.2

ICR 20 17:12:48.3±1.7, 13:42N:89°2'W, h58km, 14km, ML4.4, mb4.2(N)IC

NET 20 17:12:48.1±1.1, 13:41N:89°2'W, h57km, 9km, ML4.5

1090

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, etc.

JUCU Jucuarun 1.59 96 eP S Pn 17 13 14.7 -0.2

MRL Marmol 1.66 6 eP Pn 17 13 16.9 +0.9

APG El Apazole 1.68 340 P Pn 17 13 35.1 +0.5

ERG Entre ros, C 1.94 302 eP S Pn 17 13 19.7 +0.2

CNCH Conchagua 1.99 94 eP IAML Pn 17 13 20.7 +0.4

CNCH Conchagua 1.99 94 eP IAML Pn 17 13 20.7 +0.4

STGN Santiguigo 3 2.09 308 eP Pn 17 13 21.9 +0.2

CSG Cosiguina Volc 2.29 101 eP Pn 17 13 25.3 +0.9

THIG Tegucigalpa,Un 2.60 76 P Pn 17 13 27.0 -1.7

MOM Momotombo 3.40 107 eP S Pn 17 14 01.0 -1.7

MOM Momotombo 3.40 107 eP S Pn 17 14 01.0 -1.7

COPN Copaltepe 3.43 111 eP Pn 17 13 39.9 +0.1

COPN Copaltepe 3.43 111 eP Pn 17 13 39.9 +0.1

CCIG Comitán 3.59 323 P Pn 17 13 46.8 +1.4

PCIG Pucallpa 3.96 305 S Pn 17 14 05.9 -1.3

ACON Acopya 4.80 107 P Pn 17 13 58.6 -0.1

GBS3 Finca Las Ing 5.05 121 eP Pn 17 14 03.8 +1.7

NY14 Universidad de 5.06 123 eP Pn 17 14 03.9 +1.8

LAPC Finca la Perla 5.06 121 eP Pn 17 14 03.9 +1.8

BUIA Buenos Aires 5.11 119 eP Pn 17 14 04.0 +1.2

GUAI Guai 5.29 126 eP Pn 17 14 06.7 +1.3

CUI Cuiplapa 5.36 120 eP Pn 17 14 04.0 -2.3

ESPN Las Esperanzas 5.57 102 Pn Pn 17 14 09.2 +0.1

JTS Las Juntas de 5.73 122 P S Pn 17 14 11.1 -0.3

JTS Las Juntas de 5.73 122 P S Pn 17 14 11.1 -0.3

JTS Las Juntas de 5.73 122 P S Pn 17 14 11.1 -0.3

20d 17h

X53A	Estanlee	23.17	8	P	P	18 00 55.3 +0.7
JSC	Jenkinsville	23.32	13	P	P	18 00 57.3 +1.2
Y58A	Scranton	23.34	16	P	P	18 00 56.4 0.0
X54A	Belton	23.36	10	P	P	18 00 56.0 -0.5
PLAL	Pickwick Lake	23.39	358	P	P	18 00 55.9 -0.8
X55A	Gracelyn & Ava	23.42	12	P	P	18 00 56.7 -0.4
X40A	Basin Creek Fa	23.44	348	P	P	18 00 56.8 -0.5
X40A	Basin Creek Fa	23.44	348	P	P	18 00 57.0 -0.3
TX31	Lajitas Ar. Si	23.45	322	P	P	18 00 57.7 +0.2
TX32	Lajitas Array	23.45	322	P	I Amb	18 01 14.1
TXAR	Lajitas Array	23.45	322	P	P	18 00 57.7 +0.1
TXAR	Lajitas Array	23.45	322	P	I Amb	18 01 14.1
TXAR	Lajitas Array	23.45	322	P	P	18 00 58.5 +1.0
TXAR	Lajitas Array	23.45	322	P	P	18 08 26.0 +4.0
TXAR	Lajitas Array	23.45	322	P	P	18 00 57.5 -0.1
X56A	White Oak	23.57	13	P	P	18 00 58.0 -0.5
Z35A	Perchaven, San	23.59	339	P	P	18 00 58.5 -0.3
Z35A	Perchaven, San	23.59	339	P	I Amb	18 01 17.7
UALR	University of	23.63	349	P	P	18 00 58.3 -0.9
UALR	University of	23.63	349	P	I Amb	18 01 00.2
SWET	Sewanee	23.63	3	P	I Amb	18 00 59.1 -0.2
SWET	Sewanee	23.63	3	P	I Amb	18 01 01.6
W50A	Signal Mountai	23.65	4	P	P	18 00 59.0 -0.4
W50A	Signal Mountai	23.65	4	P	I Amb	18 01 12.2
MIAR	Mount Ida	23.66	347	P	P	18 00 58.8 -0.6
MIAR	Mount Ida	23.66	347	P	I Amb	18 01 08.8
W52A	Murphy	23.67	7	P	P	18 00 59.9 +0.2
W52A	Murphy	23.67	7	P	I Amb	18 01 11.2
PAULI	Pauline	23.73	11	P	P	18 00 59.9 -0.3
BIRD	Birdtown, Kers	23.84	14	P	P	18 01 01.6 +0.4
W54A	Cherokee Point	23.92	10	P	P	18 01 01.5 -0.5
W54A	Cherokee Point	23.92	10	P	I Amb	18 01 01.5 -0.5
ABTX	Abilene, Hawle	23.92	333	P	P	18 01 01.2 -0.9
ABTX	Abilene, Hawle	23.92	333	P	I Amb	18 01 25.6
ABTX	Abilene, Hawle	23.92	333	P	P	18 01 01.7 -0.3
CPCT	Cooper Cave	23.96	5	P	P	18 01 02.5 +0.1
CPCT	Cooper Cave	23.96	5	P	I Amb	18 01 20.9
SABA	Saba	23.98	72	eP	P	18 00 54.8 -7.9
H06E1	SOCORRO T-PHASE	23.99	290	eP	T	18 25 55.6
W41B	Gary Mavity, V	24.00	350	P	P	18 01 01.3 -1.4
W41B	Gary Mavity, V	24.00	350	P	I Amb	18 01 04.3
W41B	Gary Mavity, V	24.00	350	P	P	18 01 02.1 -0.6
X58A	Rowland	24.04	16	P	P	18 01 02.1 -1.0
WHAR	Wooly Hollow	24.12	350	P	P	18 01 02.8 -1.1
WHAR	Wooly Hollow	24.12	350	P	I Amb	18 01 12.2
V48A	Smith Brothers	24.13	1	P	P	18 01 02.7 -1.2
V48A	Smith Brothers	24.13	1	P	I Amb	18 01 15.5
KMSC	Kings Mountain	24.13	12	P	P	18 01 03.3 -0.6
KMSC	Kings Mountain	24.13	12	P	P	18 01 03.4 -0.5
X37A	Clayton	24.15	343	P	P	18 01 04.5 +0.4
SEUS	St. Eustatius	24.20	73	eP	P	18 01 06.2 +1.3
TKL	Tuckaleechee C	24.25	7	P	P	18 01 02.7 -2.4
TKL	Tuckaleechee C	24.25	7	P	LR	18 10 15.4
TKL	Tuckaleechee C	24.25	7	P	P	18 01 01.7 -3.3
TKL	Tuckaleechee C	24.25	7	P	I Amb	18 01 15.8
X59A	McDuffie Farm,	24.27	18	P	P	18 01 03.9 -1.3
X59A	McDuffie Farm,	24.27	18	P	P	18 01 05.9 +0.6
W39A	Magazine	24.33	347	P	P	18 01 05.4 -0.4
W39A	Magazine	24.33	347	P	I Amb	18 01 15.3
W39A	Magazine	24.33	347	P	P	18 01 05.2 -0.5
V51A	Loudon	24.33	6	P	P	18 01 04.3 -1.5
V51A	Loudon	24.33	6	P	I Amb	18 01 23.9
SKI	Saint Kitts	24.39	73	eP	P	18 01 06.8 +0.2
W57A	Gilead	24.44	14	P	P	18 01 06.3 -0.4
W57A	Gilead	24.44	14	P	P	18 01 07.0 +0.2
V52A	Sevierville	24.45	7	P	P	18 01 07.0 +0.1
X60A	Albert Glenn T	24.46	19	P	P	18 01 07.5 +0.5
CLTN	Cedars of Leba	24.49	2	P	P	18 01 06.2 -1.0
CLTN	Cedars of Leba	24.49	2	P	I Amb	18 01 09.5
W58A	Raeford	24.51	16	P	P	18 01 08.0 +0.5
WWT	Waverly	24.52	359	P	P	18 01 05.9 -1.6
WWT	Waverly	24.52	359	P	P	18 01 07.7 +0.2
V54A	Nebo	24.63	10	P	P	18 01 09.2 +0.6
FCAR	Ozark Folk Cen	24.68	350	P	P	18 01 07.7 -1.3
LCAR	Lake Charles	24.71	352	P	P	18 01 07.9 -1.3
V55A	Taylorville	24.84	12	P	P	18 01 09.7 -0.8
V55A	Taylorville	24.84	12	P	P	18 01 11.5 +1.1
U49A	Red Boiling Sp	24.93	3	P	P	18 01 09.6 -1.7
U49A	Red Boiling Sp	24.93	3	P	I Amb	18 01 14.0
X34A	Smith Ranch, M	24.94	339	P	P	18 01 10.6 -0.7
V56A	Mocksville	24.95	13	P	P	18 01 12.5 +1.1
HICK	Hickman	24.99	356	P	P	18 01 11.4 -0.3
GRGR	Grenville	25.03	86	eP	P	18 01 08.8 -3.6
W35A	Tecumseh	25.12	341	P	P	18 01 12.5 -0.5
TZTN	Tazewell	25.15	7	P	P	18 01 12.2 -1.0
TZTN	Tazewell	25.15	7	P	I Amb	18 01 17.5
TZTN	Tazewell	25.15	7	P	P	18 01 12.7 -0.5
PARMO	Parma	25.15	355	P	P	18 01 11.6 -1.5
V57A	Coltrane Farms	25.19	14	P	P	18 01 13.7 +0.2
U40A	Yellville	25.26	349	P	P	18 01 13.2 -1.0
U40A	Yellville	25.26	349	P	I Amb	18 01 23.6
U40A	Yellville	25.26	349	P	P	18 01 13.7 -0.5
V58A	Windy Hill, Pi	25.27	16	P	P	18 01 13.9 -0.3
V58A	Windy Hill, Pi	25.27	16	P	I Amb	18 01 32.6
V58A	Windy Hill, Pi	25.27	16	P	P	18 01 15.3 +1.0
PBMO	Poplar Bluff	25.33	354	P	P	18 01 13.5 -1.3
PBMO	Poplar Bluff	25.33	354	P	I Amb	18 01 23.8
W61A	Ground Anchor	25.33	20	P	P	18 01 14.2 -0.6
T47A	Sharon Grove	25.37	0	P	P	18 01 14.1 -1.1
T47A	Sharon Grove	25.37	0	P	I Amb	18 01 17.5
U54A	Nelsons Funny	25.38	10	P	P	18 01 15.4 0.0
U54A	Nelsons Funny	25.38	10	P	I Amb	18 01 30.5
U54A	Nelsons Funny	25.38	10	P	P	18 01 15.6 +0.2
FNO	Franklin	25.39	340	P	P	18 01 14.4 -0.9
HHAR	Hobbs	25.41	347	P	P	18 01 14.1 -1.5
WMOK	Wichita Mounta	25.41	337	P	P	18 01 14.4 -1.2
WMOK	Wichita Mounta	25.41	337	P	I Amb	18 01 24.7
SVB	Belmont	25.42	83	eP	P	18 01 20.7 +4.8
V59A	Middlesex	25.49	17	P	P	18 01 16.5 +0.2
V59A	Middlesex	25.49	17	P	P	18 01 16.5 +0.2

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U56A	King	25.49	13	P	P	18 01 16.4 0.0
U56A	King	25.49	13	P	I Amb	18 01 20.3
U56A	King	25.49	13	P	P	18 01 16.5 +0.2
U56A	King	25.49	13	P	P	18 01 16.5 +0.2
U55A	TA2, Sparta	25.50	12	P	P	18 01 16.2 -0.3
TUL1	Leonard	25.51	344	P	P	18 01 15.0 -1.4
TUL1	Leonard	25.51	344	P	P	18 01 15.8 -0.6
NNA	Nana	25.51	156	P	P	18 01 18.0 +1.3
NNA	Nana	25.51	156	P	LR	18 10 11.1
NNA	Nana	25.51	156	P	P	18 01 15.2 -1.5
NNA	Nana	25.51	156	P	I Amb	18 01 37.1
T51A	Gray	25.52	6	P	P	18 01 16.0 -0.5
T49A	Edmonton	25.54	3	P	P	18 01 15.5 -1.2
T49A	Edmonton	25.54	3	P	I Amb	18 01 20.5
T49A	Edmonton	25.54	3	P	P	18 01 15.8 -0.9
T42A	Van Buren	25.65	353	P	P	18 01 16.2 -1.5
T42A	Van Buren	25.65	353	P	I Amb	18 01 26.5
U38A	Gravette	25.66	347	P	P	18 01 16.5 -1.3
U38A	Gravette	25.66	347	P	I Amb	18 01 27.0
T53A	Wis	25.72	9	P	P	18 01 18.3 -0.1
T52A	Hallie	25.78	8	P	P	18 01 18.8 -0.1
U57A	Blanch	25.82	15	P	P	18 01 18.8 -0.4
T54A	Tazewell	25.95	10	P	P	18 01 20.2 -0.3
U58A	Oxford	25.99	16	P	P	18 01 20.7 -0.1
V62A	Hyde County Ai	26.04	21	P	P	18 01 21.3 +0.1
T55A	Pulaski	26.15	12	P	P	18 01 21.2 -1.1
U59A	Littion	26.16	17	P	P	18 01 24.1 +1.7
U59A	Littion	26.16	17	P	P	18 01 22.2 -0.2
MNTX	Cornudas Mount	26.17	323	P	P	18 01 21.7 -0.9
MNTX	Cornudas Mount	26.17	323	P	P	18 01 22.2 -0.3
S50A	Richmond	26.18	5	P	P	18 01 22.3 -0.3
T56A	Rocky Mt	26.23	13	P	P	18 01 22.7 -0.3
S49A	Springfield	26.23	3	P	P	18 01 22.3 -0.6
S51A	Beattyville	26.23	7	P	P	18 01 22.1 -0.8
S51A	Beattyville	26.23	7	P	I Amb	18 01 35.6
S51A	Beattyville	26.23	7	P	P	18 01 22.9 -0.1
T57A	Hurt	26.38	14	P	P	18 01 25.2 +0.9
T57A	Hurt	26.38	14	P	I Amb	18 01 37.6
T57A	Hurt	26.38	14	P	P	18 01 23.2 -1.1
U60A	Pendleton	26.46	18	P	P	18 01 25.0 -0.1
MSTX	Muleshoe	26.49	330	P	P	18 01 24.3 -1.3
MSTX	Muleshoe	26.49	330	P	P	18 01 24.2 -1.4
T58A	Grand View Acr	26.51	16	P	P	18 01 25.3 -0.2
WCI	Wyandotte Cave	26.62	2	P	P	18 01 25.0 -1.6
WCI	Wyandotte Cave	26.62	2	P	I Amb	18 01 37.7
WCI	Wyandotte Cave	26.62	2	P	P	18 01 25.5 -1.0
S39A	Bolivar	26.64	349	P	P	18 01 25.5 -1.2
S39A	Bolivar	26.64	349	P	I Amb	18 01 34.5
T35A	Sooner Cattle	26.65	343	P	P	18 01 26.1 -0.7
T35A	Sooner Cattle	26.65	343	P	I Amb	18 01 36.1
CCM	Cathedral Cave	26.68	353	P	P	18 01 25.1 -2.0
CCM	Cathedral Cave	26.68	353	P	I Amb	18 01 27.8
CCM	Cathedral Cave	26.68	353			

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L42A	Oliver, Polo	30.46	356	P	P	18 01 58.6	-2.0
L42A	comp=Z,37nm,1.0s					18 02 09.1	
N33A	J Bar K, Exete	30.48	345	P	P	18 01 59.9	-1.1
O60A	Telford	30.54	18	P	P	18 02 00.1	-1.2
L44A	Lake County Fo	30.56	359	P	P	18 02 00.5	-1.1
M54A	Oil Creek Stat	30.61	11	P	P	18 02 02.3	+0.2
M54A	comp=Z,34nm,1.1s					18 02 10.8	
M54A	Oil Creek Stat	30.61	11	P	P	18 02 00.9	-1.2
L49A	Milan	30.64	5	P	P	18 02 01.0	-1.3
L40A	Anamosa	30.64	354	P	P	18 02 00.7	-1.6
L40A	comp=Z,38nm,1.0s					18 02 11.3	
N58A	Sunbury	30.65	16	P	P	18 02 01.9	-0.5
N58A	comp=Z,46nm,1.2s					18 02 04.6	
N58A	Sunbury	30.65	16	P	P	18 02 01.1	-1.3
ALLY	Alegheny Colle	30.66	10	P	P	18 02 01.6	-0.9
ALLY	comp=Z,60nm,1.4s					18 02 04.1	
L50A	Kingsville	30.66	6	P	P	18 02 01.4	-1.1
SCIA	State Center	30.74	351	P	P	18 02 02.0	-1.1
M55A	Ridgway	30.76	12	P	P	18 02 03.1	-0.2
M55A	Ridgway	30.76	12	P	P	18 02 02.6	-0.7
LUPA	Lehigh Unvers	30.81	18	P	P	18 02 04.1	+0.3
SDCO	Great Sand Dun	30.84	331	P	P	18 02 04.6	+0.1
SDCO	Great Sand Dun	30.84	331	P	P	18 02 03.5	-1.0
M56A	Emporium	30.90	13	P	P	18 02 04.1	-0.5
M56A	comp=Z,44nm,1.1s					18 02 06.4	
M56A	Emporium	30.90	13	P	P	18 02 04.4	-0.2
L53A	Girard	30.94	10	P	P	18 02 04.6	-0.4
N59A	State Game Lan	30.98	17	P	P	18 02 06.2	+0.8
N59A	comp=Z,29nm,0.9s					18 02 19.1	
N59A	State Game Lan	30.98	17	P	P	18 02 04.5	-0.8
M57A	Sunshine Farm,	31.01	15	P	P	18 02 05.8	+0.2
M57A	Sunshine Farm,	31.01	15	P	P	18 02 03.8	-1.8
K47A	Dorr	31.09	2	P	P	18 02 04.4	-1.8
K46A	Vermontville	31.11	3	P	P	18 02 04.5	-2.0
N60A	Cedar Hill Far	31.14	18	P	P	18 02 06.2	-0.5
ERPA	Erie	31.14	10	P	P	18 02 06.3	-0.4
ERPA	Erie	31.14	10	P	P	18 02 06.2	-0.6
W18A	Petrified Fore	31.16	323	P	P	18 02 05.9	-1.2
W18A	Petrified Fore	31.16	323	P	P	18 02 06.3	-0.8
M58A	Price's Panora	31.22	16	P	P	18 02 06.9	-0.5
K48A	Perry	31.30	4	P	P	18 02 07.2	-0.8
K49A	Clarkson	31.33	5	P	P	18 02 07.1	-1.3
SAML	Samuel	31.37	129	P	P	18 02 08.7	-0.3
SAML	Samuel	31.37	129	eS	S	18 02 09.1	+0.1
L54A	Sinclairville	31.38	11	P	P	18 02 07.9	-0.9
JFWS	Jewell Farm	31.40	356	P	P	18 02 07.6	-1.4
JFWS	comp=Z,27nm,1.1s					18 02 17.6	
S22A	4UR Ranch, Cre	31.49	329	P	P	18 02 10.3	+0.1
L55A	Hinsdale	31.51	13	P	P	18 02 09.1	-0.9
PAL	Palisades	31.64	19	P	P	18 02 10.3	-0.7
M59A	Waymart	31.66	17	P	P	18 02 10.6	-0.7
L56A	Greenwood	31.66	14	P	P	18 02 10.8	-0.5
L56A	Greenwood	31.66	14	P	P	18 02 10.3	-1.0
K52A	Tiltsburg	31.67	9	P	P	18 02 10.9	-0.4
J47A	Summer	31.68	3	P	P	18 02 10.5	-1.0
J47A	comp=Z,34nm,0.9s					18 02 21.4	
J47A	Summer	31.68	3	P	P	18 02 10.4	-1.0
WVNY	West Valley, N	31.69	12	P	P	18 02 11.2	-0.4
M60A	Port Jervis	31.70	18	P	P	18 02 10.5	-1.2
L57A	Andrews Acres	31.70	15	P	P	18 02 10.9	-0.8
X16A	Lo Mia Camp, P	31.74	320	P	P	18 02 12.6	+0.3
J46A	Howard City	31.75	2	P	P	18 02 11.1	-1.0
J48A	Bridge Port	31.82	5	P	P	18 02 11.2	-1.4
J48A	comp=Z,38nm,1.1s					18 02 14.3	
J48A	Bridge Port	31.82	5	P	P	18 02 11.8	-0.8
K54A	Basiliko Farm,	31.87	12	P	P	18 02 12.5	-0.6
J49A	Marlette	31.93	6	P	P	18 02 13.0	-0.7
MVCO	Mesa Verde	31.95	327	P	P	18 02 13.9	-0.3
MVCO	comp=Z,16nm,0.9s					18 02 31.5	
M61A	Granite Spring	31.95	19	P	P	18 02 12.7	-1.2
L58A	Harry Jones Me	32.01	16	P	P	18 02 13.2	-1.1
OGNE	Ogallala	32.09	339	P	P	18 02 16.0	+0.7
OGNE	Ogallala	32.09	339	P	P	18 02 14.9	-0.3
K55A	Perry	32.11	13	P	P	18 02 14.6	-0.6
BINY	Binghamton	32.12	16	P	P	18 02 14.8	-0.5
BINY	Binghamton	32.12	16	P	P	18 02 14.6	-0.7
J52A	Paris	32.16	9	P	P	18 02 15.1	-0.6
K56A	Middlesex	32.25	14	P	P	18 02 16.0	-0.5
I42A	Drager Farm,	32.30	358	P	P	18 02 15.3	-1.6
L59A	Walton	32.37	17	P	P	18 02 17.9	+0.4
L59A	Walton	32.37	17	P	P	18 02 16.7	-0.9
I40A	Norwalk	32.40	355	P	P	18 02 16.0	-1.8
I40A	comp=Z,28nm,0.9s					18 02 26.0	
WUAZ	Wupatki	32.41	321	P	P	18 02 16.9	-1.3
I45A	Fountain	32.42	1	P	P	18 02 16.9	-1.0
L60A	Shokan	32.43	18	P	P	18 02 17.0	-1.1
K57A	Scipio Center	32.48	15	P	P	18 02 17.6	-0.9
I47A	Gladwin	32.48	4	P	P	18 02 17.0	-1.4
I47A	Gladwin	32.48	4	P	P	18 02 17.7	-0.7
J54A	Appleton	32.52	12	P	P	18 02 17.8	-0.9
I49A	Point Hope	32.54	6	P	P	18 02 17.8	-1.2
ISCO	Idaho Springs	32.55	333	P	P	18 02 19.4	-0.2
I51A	Listowel	32.62	8	P	P	18 02 18.7	-1.0
M63A	Gales Ferry	32.63	21	P	P	18 02 18.4	-1.3
J55A	Hilton	32.68	13	P	P	18 02 19.0	-1.2
I48A	Sherman Twp	32.71	5	P	P	18 02 19.8	-0.6
K58A	Earlville	32.73	16	P	P	18 02 20.2	-0.5
K58A	Earlville	32.73	16	P	P	18 02 20.0	-0.7
PV15	Paradox Valley	32.78	328	P	P	18 02 18.9	-2.6
PV02	Paradox Valley	32.82	327	P	P	18 02 23.2	+0.8
L61A	Hillsdale 1, H	32.82	19	P	P	18 02 21.3	-0.2

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PV13	Radium Mtn., P	32.82	328	P	P	18 02 21.6	-0.2
PV13	comp=Z,13nm,0.7s					18 02 39.7	
H43A	Windswept, Lx	32.85	359	P	P	18 02 20.1	-1.6
H43A	comp=Z,26nm,1.0s					18 02 29.4	
I53A	Kortright Cn E	32.87	10	P	P	18 02 21.6	-0.2
J56A	Wolcott	32.91	14	P	P	18 02 19.9	-2.3
J56A	Wolcott	32.91	14	P	P	18 02 21.4	-0.7
PV03	Paradox Valley	32.91	328	P	P	18 02 23.2	+0.6
PV03	comp=Z,19nm,0.7s					18 02 37.0	
PV05	Paradox Valley	32.91	327	P	P	18 02 22.4	-0.2
PV05	comp=Z,14nm,0.8s					18 02 34.9	
PV12	Basin	32.93	328	P	P	18 02 23.4	+0.6
PV18	Skein Mesa, Pa	32.94	328	P	P	18 02 23.9	+0.2
PV18	comp=Z,20nm,0.6s					18 02 37.9	
PV07	Paradox Valley	32.94	328	P	P	18 02 22.1	-0.7
PV07	comp=Z,21nm,1.2s					18 02 33.2	
PV11	David Mesa, Pa	32.95	328	P	P	18 02 23.4	+0.4
K59A	Cooperstown	32.96	17	P	P	18 02 22.2	-0.5
PV17	Eastway Mesa	32.96	328	P	P	18 02 23.4	+0.2
PV16	Nyonsenger Mesa	32.99	328	P	P	18 02 23.6	+0.4
PV16	comp=Z,16nm,0.7s					18 02 39.4	
I52A	Shelburne	33.01	9	P	P	18 02 22.7	-0.4
PV19	Morning Glory	33.02	328	P	P	18 02 23.7	+0.1
PV20	West Nyswonger	33.04	328	P	P	18 02 23.6	0.0
PV20	comp=Z,16nm,0.8s					18 02 45.1	
PV04	Paradox Valley	33.04	328	P	P	18 02 23.9	+0.2
PV04	comp=Z,18nm,0.8s					18 02 45.9	
H47A	Mio	33.08	4	P	P	18 02 22.8	-0.9
PV22	Blue Mesa, Pa	33.09	328	P	P	18 02 24.3	+0.9
PV14	Lion Creek, Pa	33.09	328	P	P	18 02 24.1	-0.1
PV14	comp=Z,14nm,0.7s					18 02 38.4	
PV10	Paradox Valley	33.10	328	P	P	18 02 23.6	-0.7
ECSD	ERD Data Cent	33.12	347	P	P	18 02 22.1	-2.0
PV23	Carpenter Ridg	33.14	328	P	P	18 02 25.0	+0.3
PV23	comp=Z,20nm,0.8s					18 02 46.7	
GLA	Glamis	33.17	315	P	P	18 02 27.0	+2.2
PV09	Paradox Valley	33.24	328	P	P	18 02 26.1	+0.5
J57A	Williamstown	33.24	15	P	P	18 02 24.9	-0.2
J57A	Williamstown	33.24	15	P	P	18 02 24.4	-0.8
H48A	Harrisville	33.25	5	P	P	18 02 23.9	-1.2
H48A	Harrisville	33.25	5	P	P	18 02 24.0	-1.2
TRY	Troy	33.27	18	P	P	18 02 26.0	+0.7
L61B	Northampton	33.34	20	P	P	18 02 25.7	-0.2
L61B	Williamstown	33.34	19	P	P	18 02 25.5	-0.5
J58A	Remsen	33.38	16	P	P	18 02 26.1	-0.3
J58A	Remsen	33.38	16	P	P	18 02 25.4	-0.9
G45A	Suttons Bay	33.45	2	P	P	18 02 24.3	-2.6
G45A	Suttons Bay	33.45	2	P	P	18 02 25.1	-1.8
LPZA	La Paz	33.45	145	P	P	18 02 28.5	+0.6
LPZA	comp=Z,3.6nm,0.8s,baz=331,slow=9.3,SNR=11					18 16 15.8	
LPZA	La Paz	33.45	145	eS	P	18 02 28.4	+0.4
LPZA	La Paz	33.45	145	eS	S	18 07 53.0	+3.1
LPZA							

20d 18h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like RLMT Red Lodge, NVAR Mina Array, and many others.

2014 MAR

Table with columns: Station Name, Time, Res, and various codes. Includes stations like HDA Harding Lake, IL31 IL31, and many others.

1094

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like INET 2017:58:12.1, 1.1, and many others.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like UPP 2018:01:20.3, 0.1, 6.7, and many others.

2014 MAR

2014 MAR

1098

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like F60A Warwick, DBIC Dimboko, K31A O'Neill, and MSU Marysvale.

1099

Table with columns for station call letters, frequency, and other identifiers. Includes stations like ELK, TPAW, FXWV, etc.

2014 MAR

Table with columns for station call letters, frequency, and other identifiers. Includes stations like G05D, I03D, H04A, etc.

20d 18h

Table with columns for station call letters, frequency, and other identifiers. Includes stations like ARU, ARU, ARU, etc.

20d 18h

Table with columns: WMQ, Urumqj, 152.62 38, ePKPbc, PKPpdf, 19 01 10.5 0.0, etc. Lists various stations and their associated data.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists station codes and names.

2014 MAR

Main table for 2014 MAR with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Contains a large list of station observations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists station codes and names.

1100

Table with columns: DZM, Mont Dzumac, 21.33 143, eP, P, 18 49 00.9 +0.3, etc. Lists various stations and their associated data.

ZALV	Zalesovo Beam	81.50 326	P	P	18 56 29.3	-0.4
ZALV	comp-Z,25nm,0.7s,baz=112,slow=5.5,SNR=120					
ZALV	comp-Z,2,707nm,20.5s,baz=124,slow=36					
ZALV	Zalesovo Beam	81.50 326	P	P	18 56 29.2	-0.5
ZALV	Zalesovo Beam	81.50 326	P	P	18 56 29.2	-0.5
DHY	Denali Highway	81.53 23	P	Iamb	18 56 29.6	-0.3
DHY					18 56 30.7	
PDGK	comp-Z,47nm,1.2s					
NEA	Podgornoye	81.55 315	P	P	18 56 30.0	-0.4
NEA	comp-Z,2,2um,21.0s	81.64 22	IAMS_20	IAMS_20	19 28 47.9	
WRH	Wood River Hill	81.95 22	P	P	18 56 30.7	-1.1
WRH					18 56 32.8	
WRH	comp-Z,168nm,1.7s					
CCB	Clear Creek Bu	82.15 22	P	P	18 56 31.8	-1.1
CCB					18 56 33.7	
MDM	Murphy Dome	82.15 22	P	P	18 56 31.9	-1.1
MDM					18 56 33.8	
MDM	comp-Z,92nm,1.5s					
CROM	Cirque	82.24 26	P	Iamb	18 56 33.9	+0.2
CROM					18 57 07.7	
CROM	comp-Z,63nm,1.1s					
CROM	comp-Z,3um,21.0s					
TCOL	CIGCO_UAF Yank	82.24 22	P	P	18 56 32.7	-0.7
TCOL	baz=240					
PAX	Paxson	82.24 24	P	P	18 56 33.5	-0.1
PAX						
PAX	comp-Z,18nm,0.9s					
PAX	Paxson	82.24 24	P	P	18 56 33.5	-0.1
PAX					19 29 24.6	
GLB	Gilahina Butte	82.24 26	P	Iamb	18 56 33.7	+0.2
GLB					18 56 34.7	
GLB	comp-Z,52nm,1.0s					
COLA	College	82.25 22	P	P	18 56 32.4	-1.0
COLA						
COLA	comp-Z,353nm,2.0s					
COLA	College	82.25 22	P	P	18 56 32.4	-1.0
COLA					19 34 40.5	
COLA	College	82.25 22	IAMS_20	IAMS_20	19 34 40.5	
VRDI	Verde Repeater	82.30 26	P	Iamb	18 56 34.3	+0.3
VRDI					18 56 54.2	
VRDI	comp-Z,64nm,1.1s					
HDA	Harding Lake	82.35 22	P	Iamb	18 56 33.2	-0.8
HDA					18 56 35.0	
HDA	comp-Z,99nm,1.7s					
HDA	Harding Lake	82.35 22	P	P	18 56 33.4	-0.6
HDA	baz=241					
TGL	Tana Glacier	82.38 27	P	Iamb	18 56 34.5	+0.1
TGL					18 56 37.5	
TGL	comp-Z,115nm,1.7s					
TKAR	comp-Z,3um,22.0s					
PKGR	Poker Plat Res	82.52 22	P	P	18 56 33.9	-1.0
PKGR	baz=240					
IL31		82.55 22	P	P	18 56 33.8	-1.1
IL31					18 56 53.1	
ILAR	Eielson Array	82.55 22	P	P	18 56 34.0	-1.1
ILAR						
ILAR	comp-Z,16nm,0.9s,baz=254,slow=5.1,SNR=90					
ILAR	PKKpCb	82.55 22	P	P	18 56 34.5	+0.5
ILAR	comp-Z,0.3nm,0.7s,baz=126,slow=1.2,SNR=4.1					
ILAR	comp-Z,1um,19.0s,baz=236,slow=35					
ILAR	Eielson Array	82.55 22	P	P	18 56 33.7	-1.3
ILAR					18 56 33.7	-1.3
ILAR	Eielson Array	82.55 22	P	P	18 56 33.7	-1.3
MCARA	McCarthy VSAT	82.56 26	Iamb	Iamb	18 56 35.9	+0.8
MCARA					18 57 07.0	
MCARA	comp-Z,50nm,0.9s					
MCARA	comp-Z,2um,21.0s					
COLD	Coldfoot	82.66 19	P	P	18 56 35.9	+0.3
COLD	Baldy	82.71 26	IAMS_20	IAMS_20	19 27 11.0	
RIDG	Independent Ri	82.85 23	P	P	18 56 36.5	-0.2
RIDG					19 36 46.6	
BARN	Barnard Glacie	83.02 26	P	Iamb	18 56 38.5	+0.7
BARN					18 57 09.2	
CTGM	Chitina Glacie	83.13 27	IAMS_20	IAMS_20	19 27 20.1	
CTGM	comp-Z,32nm,0.9s					
KSH	Kashi	83.21 311	P	P	18 56 41.8	+2.6
KSH					18 56 54.8	-2.2
KSH					18 59 54.5	+3.4
KSH					19 06 54.8	-1.5
KSH					19 06 56.8	-1.1
KSH	comp-Z,190nm,1.4s					
KSH						
KSH	comp-Z,1um,5.8s					
KSH	comp-Z,510nm,10.5s					
KSH	comp-Z,480nm,10.5s					
PCA	Pinnacle	83.28 28	IAMS_20	IAMS_20	19 28 12.1	
PCA	comp-Z,2um,20.0s					
SCRK	Sand Creek	83.30 23	P	Iamb	18 56 39.2	+0.1
SCRK					18 56 41.9	
PRP	Porcupine Dome	83.42 22	IAMS_20	IAMS_20	19 29 51.6	
ULHL	Ulahoi	83.61 313	P	P	18 56 42.3	+1.1
TOLK	Toolik Lake Re	83.62 18	P	P	18 56 41.3	+0.8
TOLK					19 28 33.8	
TOLK	comp-Z,2um,22.0s					
TOLK	Toolik Lake Re	83.62 18	P	P	18 56 41.4	+0.8
BCAR	Beaver Creek A	83.79 25	P	P	18 56 41.5	0.0
DHAK	Deception Hill	83.87 29	IAMS_20	IAMS_20	19 27 50.7	
KURK	Kurchatov	84.10 322	P	P	18 56 42.6	-0.7
KURK					18 56 43.2	0.0
KURB	Kurchatov Arra	84.13 322	P	P	18 56 43.5	+0.1
NIL	Nilore	84.21 304	P	P	18 56 44.8	+0.5
NIL						
NIL	comp-Z,834nm,1.9s					
NIL	Nilore	84.21 304	P	P	18 56 44.8	+0.5
KZA	Kyzart	84.29 313	P	P	18 56 46.7	+1.7
KBK	Karagaybulak	84.63 314	P	P	18 56 47.1	+0.7
SIT	Sitka	84.64 31	IAMS_20	IAMS_20	19 29 37.2	
BMAR	Burnt Mountain	84.64 20	P	P	18 56 46.7	+0.9
QSPA	South Pole Qui	84.74 180	P	P	18 56 47.5	+1.0
QSPA	comp-Z,20nm,1.0s,baz=13,slow=1.5,SNR=7.0					
QSPA	South Pole Qui	84.74 180	P	Iamb	18 56 46.8	+0.3
EGAK	Eagle	84.75 23	P	P	18 56 46.3	0.0
EGAK					19 36 51.8	
HYT	Haines Junctio	84.81 27	P	P	18 56 47.9	+1.0
HYT					19 29 07.0	
CHMS	Chumysh	84.84 314	P	P	18 56 48.1	+0.8
UCH	Uchto	84.86 313	P	P	18 56 49.5	+1.6
FRU1	Bishkek	84.89 314	P	P	18 56 48.6	+1.0
FRU1						
FRU1	comp-Z,154nm,1.4s					
FRU1	Bishkek	84.89 314	P	P	18 56 48.6	+1.0
AAK	Ala-Archa	84.95 313	P	P	18 56 49.1	+1.1
AAK	comp-Z,17nm,0.7s,baz=108,slow=4.4,SNR=71					
AAK	Ala-Archa	84.95 313	P	P	18 56 49.2	+1.1
AAK	Ala-Archa	84.95 313	P	P	18 56 48.9	+0.9

AAK	comp-Z,137nm,1.5s					
AAK	comp-Z,1um,20.0s					
AAK	Ala-Archa	84.95 313	P	P	18 56 48.9	+0.9
USP	Ospenovka	85.08 314	P	P	18 56 49.1	+0.9
USP	SNR=86					
DAWY	Dawson	85.17 24	P	P	18 56 49.1	+0.6
DAWY					18 56 51.2	
DAWY	comp-Z,104nm,1.6s					
MAW	Mawson	85.18 203	P	P	18 56 49.5	+1.2
MAW	comp-Z,11nm,0.9s,baz=74,slow=6.5,SNR=3.6					
MAW	comp-Z,1um,21.5s,baz=79,slow=33					
MAW	Mawson	85.18 203	P	P	18 56 49.5	+1.2
SKAG	Skagway	85.39 29	P	Iamb	18 56 50.2	+0.7
SKAG					18 56 53.3	
SKAG	comp-Z,59nm,1.4s					
AML	Almayashu	85.43 313	P	P	18 56 52.3	+1.5
EKS2	Erkin-Say	85.48 313	P	P	18 56 51.9	+1.3
BHUJ	Bhuj	85.76 294	eP	Iamb	18 56 52.2	0.0
BHUJ					18 57 05.9	
ARSB	Arslanbob	85.80 312	P	P	18 56 52.8	+0.5
ARSB	comp-Z,1um,2.0s					
ARSB	Why Whitehorse	85.97 28	Iamb	Iamb	18 56 53.1	+0.4
WHY					18 56 55.3	
WHY	comp-Z,88nm,1.6s					
WHY	comp-Z,2um,20.0s					
NRIK	Nori'sk	86.36 341	P	P	18 56 54.2	0.0
NRIK	comp-Z,28nm,0.5s,baz=111,slow=5.1,SNR=62					
EPYK	Eagle Plains	87.06 22	P	P	18 56 58.2	+0.4
EPYK					19 31 01.8	
EPYK	comp-Z,2um,21.0s					
EPYK	Eagle Plains	87.06 22	P	P	18 56 58.5	+0.8
DLBC	Dease Lake	87.75 31	P	Iamb	18 57 02.2	+0.9
DLBC					18 57 40.9	
KBL	Kabul	87.80 305	P	P	18 57 01.4	-0.9
KBL						
KBL	comp-Z,21nm,0.8s					
KBL	Kabul	87.80 305	P	Iamb	18 57 01.4	-0.9
KBL					18 57 02.6	
KK31	Karatay Array	87.92 313	P	P	18 57 02.2	-0.2
KK31						
KK31	comp-Z,60nm,1.3s					
KK31	Karatay Array	87.92 313	P	Iamb	18 57 02.2	-0.2
KK31					18 57 04.6	
KKAR	Karatay Array	87.92 313	P	P	18 57 02.3	-0.1
KKAR					18 57 02.3	-0.1
KKAR	Karatay Array	87.92 313	P	P	18 57 02.5	+0.1
KKAR					18 57 04.6	
TAS	Tashkent	88.54 312	P	P	18 57 06.0	+0.6
TAS						
TAS	comp-Z,77nm,1.0s					
TAS	Tashkent	88.54 312	P	P	18 57 06.0	+0.6
INK	Inuvik	88.85 21	P	P	18 57 05.8	-0.3
INK						
INK	comp-Z,31nm,1.1s,baz=262,slow=5.2,SNR=10.0					
INK	Inuvik	88.85 21	P	P	18 57 06.1	0.0
INK						
INK	comp-Z,166nm,1.6s					
INK	Inuvik	88.85 21	P	IAMS_20	18 57 06.1	0.0
INK					19 32 47.3	
HUMO	Hull Mountain	89.28 47	IAMS_20	IAMS_20	19 30 08.8	
COR	Comp	89.30 45	IAMS_20	IAMS_20	19 32 43.2	
YBH	Yreka Blue Hor	89.34 48	IAMS_20	IAMS_20	19 31 47.6	
BRVK	Borovyoye Array	89.58 323	P	P	18 57 09.4	-0.5
BRVK	comp-Z,17nm,0.6s,baz=104,slow=5.6,SNR=135					
BRVK	Borovyoye	89.64 323	P	P	18 57 08.8	-1.4
BRVK					18 57 09.7	-1.6
BRVK	Borovyoye	89.64 323	P	Iamb	18 57 11.2	
J04D	Umpqua Nationa	89.97 47	P	P	18 57 12.6	+0.3
J04D	baz=263					
ORV	Oroville	89.98 50	IAMS_20	IAMS_20	19 31 03.7	
ORV	comp-Z,2um,20.0s					
H04A	Detroit Lake	90.10 45	P	Iamb	18 57 12.1	-0.5
H04A					18 57 13.5	
H04A	comp-Z,47nm,1.7s					
H04A	comp-Z,2um,22.0s					
D05A	Enunclaw	90.55 43	IAMS_20	IAMS_20	19 36 53.2	
J05D	Fort Rock, OR	90.61 47	P	P	18 57 16.0	+0.8
LON	Longmitre	90.61 43	IAMS_20	IAMS_20	19 29 24.0	
CMB	Columbia Colle	90.68 52	P	P	18 57 15.2	-0.3
CMB						
CMB	comp-Z,11nm,2.1s					
CMB	comp-Z,3um,21.0s					
CMB	Columbia Colle	90.68 52	P	P	18 57 15.2	-0.3
SMMC	Simmler	90.71 55	P	P	18 57 16.7	+1.0
G05D	Wamic, OR	90.78 45	P	P	18 57 16.6	+0.8
PKM	Mcpheon Peak	90.82 55	P	P	18 57 17.3	+0.9
PINE	Pine Mountain	90.88 46	P	P	18 57 15.8	-0.7
PINE						

BIDO	Bidbid	96.33	293	P	P	18 57 41.1	-0.6
MHTO	MHTO	96.34	290	P	P	18 57 40.6	-1.2
SMDO	Samard	96.38	293	P	P	18 57 42.0	-0.1
KNB	Kanab	96.61	53	P	P	18 57 42.8	-0.1
KNB	comp-Z,21nm,1.5s				pmax		
KNB	Kanab	96.61	53	P	P	18 57 42.8	-0.1
ARU	Arti	96.67	326	P	P	18 57 41.1	-1.3
ARU	Arti	96.67	326	P	P	18 57 40.8	-1.7
ARU	comp-Z,47nm,1.5s				pmax		
ARU	Arti	96.67	326	P	P	18 57 41.0	-1.4
DUG	Dugway, Tooele	96.69	50	IAMS_20	IAMS_20	19 38 28.3	
GEYT	Alibek	96.87	307	P	P	18 57 43.8	-0.1
GEYT	Alibek	96.87	307	P	P	18 57 43.3	-0.7
GYA0B	ALIBECK ARRAY	96.87	307	P	P	18 57 44.8	-0.1
GYA0B	comp-Z,16nm,1.2s				Iamb		
DLMT	Dillon	96.92	45	IAMS_20	IAMS_20	19 34 34.1	
UL15A	North Rim	97.02	54	P	Pdf	18 57 45.9	+0.8
AKTO	Aktubinsk	97.04	320	P	P	18 57 43.0	-1.4
AKTO	comp-Z,681nm,18.7s,baz=95,slow=5.0,SNR=9.0				LR		
AKTO	Aktubinsk	97.04	320	P	P	18 57 43.0	-1.4
HOQ	Hoqian	97.08	293	P	P	18 57 45.2	0.0
MTY	Mount Pierson	97.14	52	P	Pdf	18 57 46.9	+1.3
BSPU	Bisya	97.15	292	P	P	18 57 45.4	-0.1
HWUT	Hardware Ranch	97.66	49	IAMS_20	IAMS_20	19 37 39.7	
X16A	Lo Mia Camp	97.68	56	IAMS_20	IAMS_20	19 41 35.7	
ARQA	Araqi	97.80	293	P	Pdf	18 57 48.5	+0.1
SOHO	SOHO	97.82	294	P	P	18 57 48.3	-0.1
HSIG	comp-Z,2,2um,19.0s				IAMS_20		
FXWY	Fox Creek	98.05	47	IAMS_20	IAMS_20	19 34 55.0	
TPAW	Teton Park	98.11	47	IAMS_20	IAMS_20	19 35 47.4	
UOSS	Minazif	98.15	294	P	P	18 57 48.5	-1.4
UOSS	comp-Z,20nm,1.1s				Iamb		
JFUC	Tucson	98.19	58	IAMS_20	IAMS_20	19 39 39.3	
ASHO	Ashiyah	98.27	294	P	Pdf	18 57 51.0	+0.4
EGMT	Egleton	98.84	42	IAMS_20	IAMS_20	19 35 50.7	
PN14R	Pinedale Array	99.14	48	P	Pdf	18 57 53.1	-1.1
PDAR	comp-Z,2,2um,18.6s,baz=272,slow=34				LR		
RLMT	Red Lodge	99.28	45	IAMS_20	IAMS_20	19 35 36.4	
PV05	Paradox Valley	99.58	52	IAMS_20	IAMS_20	19 37 34.5	
PV18	Skein Mesa, Pa	99.72	52	IAMS_20	IAMS_20	19 38 05.6	
PV03	Paradox Valley	99.72	52	IAMS_20	IAMS_20	19 36 06.9	
PV02	Paradox Valley	99.86	52	IAMS_20	IAMS_20	19 42 20.3	
O20A	White River Ci	100.20	50	IAMS_20	IAMS_20	19 37 34.0	
121A	Cookes Peak, D	100.73	58	IAMS_20	IAMS_20	19 35 52.5	
RES	Resolute Bay	100.82	14	P	Pdf	18 58 00.6	-0.1
RES	comp-Z,700nm,20.0s				MLR		
RES	Resolute Bay	100.82	14	Pdf	Pdf	18 58 00.6	-0.1
LAO	LASA Array	101.32	44	IAMS_20	IAMS_20	19 39 21.1	
K22A	Casper	101.38	48	IAMS_20	IAMS_20	19 38 51.0	
S22A	AUR Ranch, Cre	101.38	53	IAMS_20	IAMS_20	19 37 09.5	
Y22D	IRIS PASSCAL I	101.42	56	IAMS_20	IAMS_20	19 40 19.9	
SNAE	Sanae	101.61	188	P	Pdf	18 58 16.0	+1.2
EPT	El Paso	101.82	59	P	P	19 40 44.6	
N23A	Red Feather La	101.91	49	IAMS_20	IAMS_20	19 41 52.4	
ISCO	Utah Springs	102.23	51	IAMS_20	IAMS_20	19 37 38.8	
SDCO	Great Sand Dun	102.43	53	IAMS_20	IAMS_20	19 37 55.4	
DGMT	Dagmar	102.52	42	IAMS_20	IAMS_20	19 47 14.7	
Q24A	Divide	102.64	51	IAMS_20	IAMS_20	19 38 33.7	
PRGR	Permogore	102.70	332	eP	Pdf	18 58 06.0	-3.3
PRGR	comp-Z,30nm,0.9s				pmax		
MNTX	Cornudas Mount	102.78	59	IAMS_20	IAMS_20	19 41 08.0	
VNA3	Neumayer Olymp	102.80	186	P	Pdf	18 58 20.6	+1.1
T25A	Trinidad	103.33	53	IAMS_20	IAMS_20	19 41 09.3	
TXAR	Lajitas Array	104.34	61	PKiKP	PKiKP	19 02 35.0	+0.9
KSCO	Kaye Shedd	104.60	51	IAMS_20	IAMS_20	19 38 45.5	
OGNE	Ogallala	104.86	49	IAMS_20	IAMS_20	19 44 23.4	
TMCR	Tamitsa	105.31	336	eP	Pdf	18 58 18.7	-2.2
TMCR	comp-Z,24nm,0.7s				pmax		
MDDO	Maddock	105.65	42	IAMS_20	IAMS_20	19 40 48.6	
AMTX	Amarillo	105.70	55	IAMS_20	IAMS_20	19 42 19.1	
KLMR	Klimovskoe	105.76	332	eP	Pdf	18 58 19.4	-3.5
KLMR	comp-Z,40nm,1.4s				pmax		
KLMR	Klimovskoe	105.76	332	eP	Pdf	18 58 19.4	-3.5
KLMR	comp-Z,40nm,1.4s				AMP		
KLRF	Dogwood Acres	107.50	42	IAMS_20	IAMS_20	19 42 05.7	
D32A	Abilene, Hawle	107.58	58	IAMS_20	IAMS_20	19 43 45.1	
ABTX	Abilene, Hawle	107.58	58	IAMS_20	IAMS_20	19 43 45.1	
JCT	Junction City	107.63	60	IAMS_20	IAMS_20	19 39 57.4	
R32A	Long Quarter	107.71	51	IAMS_20	IAMS_20	19 42 15.8	
BGNE	Belgrade	107.71	48	IAMS_20	IAMS_20	19 40 37.7	
WMOK	Wichita Mounta	108.09	55	IAMS_20	IAMS_20	19 45 04.4	
MOS	Moscow	108.31	327	eP	Pdf	18 58 31.7	-2.7
MOS	comp-Z,1um,21.0s				MLR		
MOS	comp-Z,1um,21.0s				MLR		
N33A	J Bar K, Exete	108.34	49	IAMS_20	IAMS_20	19 46 42.3	
ECSD	EROS Data Cent	108.43	46	IAMS_20	IAMS_20	19 45 05.6	
UNM	Universidad Na	108.71	71	IAMS_20	IAMS_20	19 40 50.8	
OKCF	Oklahoma City	109.09	54	IAMS_20	IAMS_20	19 45 02.8	
TLIG	Tiapa	109.32	73	IAMS_20	IAMS_20	19 41 53.9	
735A	Kenedy	109.49	61	IAMS_20	IAMS_20	19 44 25.7	
WHTX	Lake Whitney	109.49	58	IAMS_20	IAMS_20	19 46 50.6	
435B	Jarrell	109.50	59	IAMS_20	IAMS_20	19 41 58.1	

KVXT	Kingsville	109.52	63	IAMS_20	IAMS_20	19 46 11.6	
T35A	Sooner Cattle	109.64	53	IAMS_20	IAMS_20	19 45 14.2	
N35A	comp-Z,2,2um,19.0s				IAMS_20		
N35A	Sochi	110.23	315	iPKiKP	PKiKP	19 02 41.0	-3.4
SOC	SOC			ePPP	PPP	19 05 41.0	
SOC	SOC			ePS	PS	19 12 39.3	-10
SOC	SOC			eSS	SS	19 18 48.0	+5.4
SOC	SOC			MLR	MLR		
TUL1	Leonard	110.36	54	IAMS_20	IAMS_20	19 50 56.4	
SPMN	Marine on St.	110.78	44	IAMS_20	IAMS_20	19 45 14.5	
237A	Washetta, Mont	110.88	58	IAMS_20	IAMS_20	19 47 05.4	
X37A	Clayton	110.90	55	IAMS_20	IAMS_20	19 43 49.6	
EYMN	Ely	110.94	40	IAMS_20	IAMS_20	19 50 01.5	
SCIA	State Center	111.25	47	IAMS_20	IAMS_20	19 47 35.3	
E38A	The Farm, Brul	111.27	42	IAMS_20	IAMS_20	19 44 50.3	
X38A	Garrettsville	111.41	53	IAMS_20	IAMS_20	19 45 08.9	
U38A	Parkville	111.41	46	IAMS_20	IAMS_20	19 43 36.4	
FINES	FINESS Array B	111.43	336	Pdf	Pdf	18 58 47.2	-0.9
FINES	comp-Z,2.3nm,0.5s,baz=57,slow=4.5,SNR=15				PKiKP		
FINES	FINESS Array B	111.43	336	P	Pdf	18 58 47.5	-0.7
FINES	FINESS Array B	111.43	336	P	Pdf	18 58 47.5	-0.7
N3XA	Dawn	111.49	49	IAMS_20	IAMS_20	19 44 05.8	
PATX	Nacodoches	111.88	58	IAMS_20	IAMS_20	19 48 24.8	
W39A	Magazine	112.09	54	IAMS_20	IAMS_20	19 47 10.2	
MIAR	Mount Ida	112.37	55	IAMS_20	IAMS_20	20 00 15.6	
U40A	Yellville	112.64	53	P	PKiKP	19 02 49.7	+0.4
R40A	Anamosa	112.66	46	IAMS_20	IAMS_20	19 47 43.6	
L40A	Maddies Statu	112.72	51	IAMS_20	IAMS_20	19 47 07.5	
WLAR	White Oak Lake	112.89	56	IAMS_20	IAMS_20	19 49 38.4	
X40A	Basin Creek Fa	112.98	55	IAMS_20	IAMS_20	19 53 20.8	
D41A	Chassel	113.10	41	IAMS_20	IAMS_20	19 56 36.7	
JFWS	Jewell Farm	113.14	45	IAMS_20	IAMS_20	19 48 11.2	
Z41A	Richland Creek	113.21	56	IAMS_20	IAMS_20	19 49 35.0	
UALR	University of	113.33	54	IAMS_20	IAMS_20	19 47 56.0	
W41B	Gary Mavity, V	113.34	54	IAMS_20	IAMS_20	19 48 53.1	
CCM	Cathered Cave	113.56	51	IAMS_20	IAMS_20	19 47 07.3	
F42A	Maple Grove Fa	113.79	42	IAMS_20	IAMS_20	19 47 56.0	
L42A	Oliver Polo	113.80	46	IAMS_20	IAMS_20	19 48 11.6	
342A	Flagon Creek P	113.91	58	IAMS_20	IAMS_20	19 51 59.6	
CCAR	Cane Creek	113.95	55	IAMS_20	IAMS_20	19 51 54.4	
LCAR	Lake Charles	114.04	53	IAMS_20	IAMS_20	19 53 41.6	
E43A	Lone Tree Farm	114.34	41	IAMS_20	IAMS_20	19 51 32.6	
H43A	Windswept, Lux	114.43	43	IAMS_20	IAMS_20	19 46 21.0	
HDIL	Hopedale	114.44	48	IAMS_20	IAMS_20	19 48 26.8	
143A	Soos Landing	114.46	57	IAMS_20	IAMS_20	19 49 02.2	
P43A	Skaggs, Pawnee	114.50	49	IAMS_20	IAMS_20	19 51 48.5	
K43A	Burlington	114.56	45	IAMS_20	IAMS_20	19 49 48.6	
X43A	Marvell	114.56	54	IAMS_20	IAMS_20	19 48 52.6	
LPAR	Lepanto	114.81	53	IAMS_20	IAMS_20	19 52 32.2	
AKASG	Malin Array Be	114.83	324	PKiKP	PKiKP	19 02 52.9	-0.1
AKASG	comp-Z,3.4nm,0.6s,baz=52,slow=2.7,SNR=13				PP		
AKASG	comp-Z,0.3nm,0.5s,baz=60,slow=7.4,SNR=5.3				PP		
AKASG	comp-Z,1.7nm,0.6s,baz=263,slow=4.4,SNR=8.1				PKiKP		
E44A	Grand Marais A	114.96	41	IAMS_20	IAMS_20	19 59 43.9	
PARMO	Parma	115.02	52	IAMS_20	IAMS_20	19 47 02.5	
PEBM	Pemiscott Bayo	115.05	53	IAMS_20	IAMS_20	19 46 35.5	
Q44A	Meyer Farm, Va	115.06	49	IAMS_20	IAMS_20	19 49 27.5	
M44A	Midewin, Midew	115.17	47	IAMS_20	IAMS_20	19 50 14.0	
O44A	Mansfield	115.16	48	IAMS_20	IAMS_20	19 45 43.8	
HENM	Hensford Moun	115.23	52	IAMS_20	IAMS_20	19 46 58.0	
344A	Westbrook Farm	115.24	58	IAMS_20	IAMS_20	19 49 23.8	
LNXT	Lenox	115.35	52	IAMS_20	IAMS_20	19 48 24.3	
HALT	Halls	115.51	53	IAMS_20	IAMS_20	19 46 29.6	
F45A	CMU Biological	115.55	41	P	PKPdf	19 02 55.2	+0.7
BRTR	Keskin Array B	115.58	312	PKP	PKiKP	19 02 54.5	-0.5
BRTR	comp-Z,1.6nm,0.9s,baz=105,slow=2.8,SNR=5.4				PKiKP		
Y45A	Yeager Farm, C	115.78	55	IAMS_20	IAMS_20	19 47 23.8	
OLIL	Olney	115.80	49	IAMS_20	IAMS_20	19 49 58.0	
T45A	Paduach	115.81	51	IAMS_20	IAMS_20	19 47 03.2	
E46A	Sault Ste Mari	116.09	40	IAMS_20	IAMS_20	19 52 55.5	0.0
SFIN	Lafayette	116.11	47	IAMS_20	IAMS_20	19 50 05.8	
L46A	Eue Claire	116.20	45	IAMS_20	IAMS_20	19 49 46.2	
P46A	Rosedale	116.24	48	IAMS_20	IAMS_20	19 48 39.3	
346A	Big Creek Wild	116.32	58	IAMS_20	IAMS_20	19 52 38.3	
SORM	Soroca	116.39	322	PKP	PKPdf	19 02 55.0	-1.0
SORM	Soroca	116.39	322	PKiKP	PKPdf	19 02 55.0	-1.0
D							

Table with columns: Station ID, Name, Time, Frequency, Mode, Signal, and other parameters. Includes stations like V53A Saluda, PLVB Pleven, GOGA Godfrey, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, Signal, and other parameters. Includes stations like L57A Andrews Acres, D58A Chemin du LacG, M57A Sunshine Farm, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, Signal, and other parameters. Includes stations like Y59A Loris, MOX Moxa, U59A Littleton, etc.

20d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CLF Chambon-Foret, BNI Bardonecchia, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PMOZ Porto Moniz, PIMAR Madeira, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC
IDC 20 18:58:21.7, 5.9, 0.17N, 123.30E, h135km, 57km, mb3.4/8, mb1 3.6/10, mb1mx3.5/52, mbtmp3.8/10, Error ellipse: s-maj=50.2km s-min=15.1km az=56.0

NEIC 20 18:58:23.6, 1.1, 0.04N, 109.123, 2E:0.1, h154km, gkm, mb4.4/16, Error ellipse: s-maj=18.7km s-min=13.5km az=95.0

DJA 20 18:58:24.8, 0.3, 0.2S, 2.12'3E, h146km, 5km, M4.3/17, mb5.0/1, mb4.47, MLV4.2/17, Mw(mb)4.3/1

ISC 20 18:58:24.6, 0.0, 0.02S, 0.05, 123.05E, 0.05, h162km, n51, c178/59, mb4.1/16, Minatasa Peninsula, Sulawesi

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat, KRVT 554nm, 0.3s, baz=190, slow=1.6, SNR=59.3

IDC 20 19:09:52.1, 2.6, 4.3, 24N, 105.23W, h0km, mb1 3.6/2, mb1mx3.2/35, mbtmp3.4/2, ML3.2/2, Error ellipse: s-maj=52.6km s-min=11.0km az=155.0

NEIC 20 19:09:54.5, 2.9, 4.3, 50N, 0.06, 105.2W, 0.1, h0km, 2km, ML3.4/56, Error ellipse: s-maj=12.9km s-min=9.6km az=78.0

ISC 20 19:09:53.1, 0.9, 43.50N, 0.05, 105.17W, 0.04, h0km, n55, c189/54, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like RSSD Black Hills, RSSD Casper, etc.

Table with columns: DMN, Daman, 14.98 123 eP, P, 19 29 40.0 -0.3, PKIN, Pulchokli, 15.20 122 eP, P, 19 29 42.4 -0.3, etc.

IDC 20 19:36:55.0,3.7,36.49N,71.06E,h41km,31km,mb3.7/13, mb1.3/9/19,mb1mx3.6/49,mbtmp4.0/19,ML4.0/6, Error ellipse: s-maj=26.2km s-min=18.2km az=178.0, NNC 20 19:36:57.2,3.8,37.03N,70.51E,h0km,mb4.5,mpv4.3, Error ellipse: s-maj=39.1km s-min=19.4km az=153.0, NEIC 20 19:37:01.2,1.3,36.94N,0.03,71.1E,0.1,h81km,11km, mb4.2/9, Error ellipse: s-maj=15.7km s-min=4.5km az=87.0

ISC 20 19:37:00.7,0.5,36.78N,0.05,71.19E,0.06,h88km,n80, e=251/86,mb3.9/17,4C-8D,Afghanistan-Tajikistan border region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like KBL Kabul, CEP Cherat, CHCP Chirah Chowk, etc.

Table with columns: ARCES, ARCESS Array B, 40.94 337 P, P, 19 44 35.4 +1.3, AREO, ARCESS Array S, 40.94 337 P, P, 19 44 35.4 +1.3, etc.

IDC 20 12:08:0.8,0.8,35.63N,26.54E,h0km,mb4.0/9, mb1.3/9/13,mb1mx3.7/48,mbtmp3.8/13,ML3.6/4, Error ellipse: s-maj=23.3km s-min=10.6km az=164.0, NIK 20 12:09:40.0,0.3,35.45N,26.42E,h11km,2km,ML3.6/3, etc.

HLW 20 12:12:12.7,35.61N,26.74E,h10km,9km,MD4.1, ISSA 20 12:12:13.0,35.86N,26.64E,h20km,1km,ML3.5, DDC 20 12:10:9.9,0.9,35.61N,0.02,26.49E,0.02,h16km,7km, n156, s1925/194,mb3.8/9,Crete

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like STIA Sitia Lasithi, ZKR Zakros, ZKR Zakra, etc.

Main station list table with columns: IDI, Anoyia, 1.35 257 PN, Pn, 20 12 35.2 0.0, IDI, Anoyia, 1.42 38 PN, Pn, 20 12 36.0 -0.2, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like ILAS Lasjerd, IGZV Ghazvin, IFIR Firuzkooh, QALM Alamut, Gazvin, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like DRGR 25.71 314, ARU Arti, ARU Arti, ARU Arti, etc.

ADC 20 21:15:07.1, 0.3, 5.13S: 152.82E, h0km, mb5.4/66, mb1 5.4/47, mb1mx5.4/66, mbtmp5.4/47, ML4.4/1, MS5.3/36, Ms1 5.3/36, ms1mx5.1/50, Error ellipse: s-maj=12.8km s-min=9.2km az=81.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes entries like Azm350.0000, Azm172.0000, Azm172.87E, etc.

20d 21h

Table with columns for station code, name, time, and various status indicators (P, M, L, R, etc.). Includes stations like Nonsavu, Stephens Creek, and various SKA stations.

2014 MAR

Table with columns for station code, name, time, and various status indicators. Includes stations like YOJ, YOY, PCJI, RPZ, OXZ, and various SKA stations.

1110

Table with columns for station code, name, time, and various status indicators. Includes stations like QIZ, QIZ, QIZ, QIZ, and various SKA stations.

1115

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Nancy, Jamestown, Paris, etc.

2014 MAR

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Whipple, ERPA, NIE, etc.

20d 21h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like OSTC, RUE, N56A, etc.

20d 21h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CLL, N58A, PRU, PRA, etc.

2014 MAR

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ARSA, O60A, F61A, etc.

1116

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like I64A, WATA, WTWA, etc.

20d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Charters Tower, Stephens Creek, Sittwe, Kunming, etc.

2014 MAR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSHR Mys Shultsa, USRR Usuriysk Arra, ULLN Ulaanbaatar, etc.

1118

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, GEYT Alibek, VVDA Vanda, etc.

KLMR	Klimovskoe	91.01	332	eP	P	21 45 54.1	-4.2
KLMR	comp=Z,40nm,1.5s				pmax		
KLMR	Klimovskoe	91.01	332	eP	P	21 45 54.1	-4.2
KLMR	comp=Z,40nm,1.5s				AMP	21 46 00.9	
TMCR	Tamitsa	92.65	335	eP	P	21 46 05.2	-0.7
TMCR	comp=Z,12nm,0.8s				pmax		
AKASG	Malin Array Be	94.22	321	P	P	21 46 12.9	-0.5
AKASG	comp=Z,3.8nm,0.8s,baz=79,slow=4.9,SNR=19				PP	21 49 59.0	-2.0
AKASG	Malin Array Be	94.22	321	P	P	21 46 13.5	+0.1
AKASG	comp=Z,5.0nm,1.2s				pmax		
AKASG	Malin Array Be	94.22	321	P	P	21 46 13.4	+0.1
AKAB	Malin Array Si	94.22	321	P	P	21 46 12.6	-0.8
AKAB	comp=Z,9.0nm,0.9s				pmax		
AKBB	Malin Array Si	94.22	321	P	P	21 46 12.6	-0.8
AKBB	comp=Z,8.9nm,0.8s				lAmb	21 46 13.9	
FINES	FINES Array B	97.50	331	P	P	21 46 28.4	+0.3
FINES	comp=Z,10nm,0.7s,baz=97,slow=6.0,SNR=18				P	21 46 03.7	+1.3
FINES	comp=Z,5.5nm,1.1s,baz=122,slow=1.8,SNR=3.5				PKIKP	21 46 31.7	-0.7
ARCES	ARCES Array B	98.50	339	P	P	21 46 37.6	+0.4
ARCES	comp=Z,9.9nm,1.0s,baz=116,slow=8.2,SNR=4.2				PKP	21 46 44.9	+0.5
IMAR	Indian Mountain	99.55	25	P	P	21 46 37.6	+0.4
TOLK	Toolk Lake Re	101.17	22	P	P	21 46 44.9	+0.5
HDA	Harding Lake	102.44	26	P	P	21 46 50.0	-0.1
BCAR	Beaver Creek A	104.87	27	P	P	21 47 02.5	+1.5
TORAD	Torodi Ar. Bea	113.93	280	PKIKP	PKIKP	21 51 34.3	+0.2
YKA	Yellowknife Ar	116.66	23	PKP	PKIKP	21 51 38.6	+0.6
YKA	comp=Z,2.2nm,0.8s,baz=90,slow=1.5,SNR=36				PKIKP	21 51 45.2	+0.2
K02D	Willamette Mer	119.92	46	P	PKIKP	21 51 47.2	+0.1
J04D	Umpqua Nationa	120.86	45	P	PKIKP	21 51 47.2	+0.1
J05D	Fort Rock, OR	121.46	45	P	PKIKP	21 51 48.8	+0.6
M04C	Macdoel	121.47	47	P	PKIKP	21 51 48.2	0.0
M04C	comp=Z,2.4nm,0.8s,baz=242,slow=2.0,SNR=13				PKP	21 51 56.9	+1.4
MSO	Missoula	124.92	39	P	PKIKP	21 53 42.5	-2.0
NVAR	Minna Array Bea	125.04	50	PKP	PKIKP	21 53 42.5	-2.0
NVAR	comp=Z,1.2nm,0.9s,baz=296,slow=2.7,SNR=3.3				PKP	21 51 58.1	+0.3
EDW2	Edwards Air Fo	126.25	54	P	PKIKP	21 51 58.5	+0.6
EDW2	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 51 58.5	+0.6
FFC	Film Flon	126.66	25	PKIKP	PKIKP	21 51 59.6	-0.6
FFC	comp=Z,1.3nm,0.7s,baz=316,slow=3.4,SNR=8.8				PKIKP	21 52 04.6	+0.2
TUQ	Turquoise Moun	127.73	52	P	PKIKP	21 52 04.6	+0.2
PDAR	Pinedale Array	129.55	41	PKP	PKIKP	21 52 04.6	+0.2
PDAR	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 52 08.6	-0.1
Q20A	White River Ci	131.64	44	P	PKIKP	21 52 09.0	0.0
Q20A	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 52 09.0	+0.2
RSSD	Black Hills	132.30	37	PKIKP	PKIKP	21 52 09.0	0.0
RSSD	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 52 09.0	+0.2
RSSD	Black Hills	132.30	37	PKIKP	PKIKP	21 52 09.0	+0.2
RSSD	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 52 09.0	+0.2
ULM	Lac du Bonnet	132.47	26	PKP	PKIKP	21 52 14.7	+0.1
SCHO	Schefferville	132.30	1	PKP	PKIKP	21 52 14.7	+0.1
SCHO	comp=Z,0.9nm,0.4s,baz=90,slow=1.0,SNR=4.4				PKIKP	21 52 14.7	+0.1
121A	Cookes Peak, D	135.07	53	P	PKIKP	21 52 14.0	-0.2
MATQ	Matagami	138.80	12	P	PKIKP	21 52 20.9	+0.5
TXAR	Lajitas Array	139.51	56	PKIKP	PKIKP	21 52 15.5	
TXAR	comp=Z,0.5nm,0.7s,baz=243,slow=3.0,SNR=6.7				PKIKP	21 52 22.4	-0.1
TXAR	comp=Z,0.9nm,0.7s,baz=252,slow=2.0,SNR=9.1				PKIKP	21 52 16.1	
F45A	CMU Biological	140.28	22	P	PKIKP	21 52 22.9	-0.3
D50A	G1948 Best Tow	140.73	15	P	PKIKP	21 52 23.7	-0.3
E51A	G1948 Merrick	141.41	15	P	PKIKP	21 52 24.7	-0.6
F51A	Arnstein	141.86	16	P	PKIKP	21 52 25.2	-0.8
J48A	Bridge Port	142.97	22	P	PKIKP	21 52 26.0	-2.2
E60A	Ste Agathe de	143.07	7	P	PKIKP	21 52 26.4	+1.2
J49A	Marlette	143.15	21	P	PKIKP	21 52 26.9	-1.5
K48A	Perry	143.26	23	P	PKIKP	21 52 27.0	-1.6
L47A	Sherwood	143.53	25	P	PKIKP	21 52 27.3	+0.7
CCM	Cathedral Cave	143.60	35	PKIKP	PKIKP	21 52 27.1	+0.2
CCM	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 52 27.1	+0.2
CCM	Cathedral Cave	143.60	35	P	PKIKP	21 52 27.1	+0.3
U40A	Yellville	143.79	38	P	PKIKP	21 52 27.2	-0.4
F64A	Sherman	143.83	3	P	PKIKP	21 52 27.8	+0.5
H55A	Tweed	143.84	14	P	PKIKP	21 52 28.1	+0.8
W39A	Magazine	143.94	41	P	PKIKP	21 52 28.1	+0.1
L49A	Milan	143.99	23	P	PKIKP	21 52 28.6	+0.7
SFIN	Lafayette	144.00	28	P	PKIKP	21 52 28.8	-1.2
H56A	Elgin	144.01	13	P	PKIKP	21 52 28.5	+0.7
I55A	Frankford	144.03	15	P	PKIKP	21 52 28.8	-1.1
G59A	Clarenceville	144.11	9	P	PKIKP	21 52 29.3	-0.8
G61A	St-Isidore-de-	144.14	7	P	PKIKP	21 52 29.6	-0.6
M48A	Edgerton	144.14	25	P	PKIKP	21 52 29.6	-0.7
J52A	Paris	144.18	18	P	PKIKP	21 52 29.7	-0.5
G60A	Masonville	144.22	8	P	PKIKP	21 52 29.5	-0.8
N47A	Urbana	144.23	26	P	PKIKP	21 52 28.6	-0.1
K51A	Iona Station	144.28	20	P	PKIKP	21 52 29.8	-0.6
G62A	West of Eustis	144.31	6	P	PKIKP	21 52 30.2	-0.3
H57A	Richville	144.31	12	P	PKIKP	21 52 29.9	-0.6
237A	Washetta, Mont	144.39	47	PKIKP	PKIKP	21 52 32.0	+1.1
L50A	Kingsville	144.42	41	PKIKP	PKIKP	21 52 30.0	-0.6
G64A	Maxfield	144.42	4	P	PKIKP	21 52 30.4	-0.2
H59A	Cadyville	144.45	10	P	PKIKP	21 52 30.1	-0.6
M49A	Liberty Center	144.45	24	P	PKIKP	21 52 30.2	-0.6
M49A	comp=Z,0.5nm,0.6s,baz=0.0,slow=1.5,SNR=4.3				PKIKP	21 52 30.8	-0.3
M49A	Mount Ida	144.48	41	PKIKP	PKIKP	21 52 30.9	-0.3
K52A	Tilsonburg	144.49	19	P	PKIKP	21 52 30.5	-0.3
G63A	Kingsbury	144.49	9	P	PKIKP	21 52 30.4	-0.4
G65A	Princeton	144.53	2	P	PKIKP	21 52 29.7	+0.2
N48A	Decatur	144.53	26	P	PKIKP	21 52 29.3	-0.4
H54A	Gabriels	144.59	10	P	PKIKP	21 52 30.0	+0.3
J55A	Appleton	144.66	16	P	PKIKP	21 52 29.9	0.0
H60A	Morristown	144.69	9	P	PKIKP	21 52 31.1	-0.1
I57A	Carthage	144.76	12	P	PKIKP	21 52 31.0	-0.3
H61A	Lyndonville	144.82	8	P	PKIKP	21 52 32.0	+0.6
N49A	Columbus Grove	144.84	25	P	PKIKP	21 52 30.9	-0.6

M50A	Fremont	144.88	23	P	PKIKP	21 52 30.9	-0.6
M50A	comp=Z,3.7nm,SNR=21				PKIKP	21 52 31.6	+0.1
H62A	Hilton	144.88	7	P	PKIKP	21 52 31.6	+0.1
J55A	Milan	144.89	15	P	PKIKP	21 52 31.3	-0.2
H63A	New Sharon	144.91	5	P	PKIKP	21 52 31.7	+0.2
W41B	Gary Mavity, V	144.93	39	P	PKIKP	21 52 31.4	-0.4
H66A	Whiting	144.95	2	P	PKIKP	21 52 31.9	+0.4
O48A	Farrand	144.98	26	P	PKIKP	21 52 31.6	-0.1
X40A	Basin Creek Fa	144.99	41	P	PKIKP	21 52 31.8	-0.1
H64A	Troy	145.00	4	P	PKIKP	21 52 31.7	+0.1
H65A	Eastbrook	145.00	3	P	PKIKP	21 52 31.7	+0.1
LBNH	Lisbon	145.11	8	P	PKIKP	21 52 32.0	+0.1
J56A	Wolcott	145.12	14	P	PKIKP	21 52 32.1	+0.3
I58A	Old Forge	145.14	12	P	PKIKP	21 52 32.2	+0.2
J57A	Williamstown	145.19	13	P	PKIKP	21 52 32.4	+0.4
I59A	Olmsteadville	145.20	10	P	PKIKP	21 52 32.3	+0.2
K54A	Basiliiko Farm	145.26	17	P	PKIKP	21 52 32.6	+0.4
M51A	Elyria	145.26	22	P	PKIKP	21 52 32.4	+0.2
I60A	Shoreham	145.30	10	P	PKIKP	21 52 32.1	0.0
ERP A	Erie	145.31	19	P	PKIKP	21 52 32.3	+0.1
K55A	Perry	145.32	16	P	PKIKP	21 52 33.0	+0.7
NATX	Nacodoches	145.34	46	P	PKIKP	21 52 33.7	+0.9
M52A	Chesterland	145.38	21	P	PKIKP	21 52 32.5	0.0
I61A	Oroboro, Fairl	145.38	8	P	PKIKP	21 52 33.6	+1.2
L53A	Girard	145.38	19	P	PKIKP	21 52 32.5	0.0
N50A	Neveda	145.38	24	P	PKIKP	21 52 33.0	+0.4
O49A	Covington	145.38	25	P	PKIKP	21 52 32.9	+0.3
J58A	Remsen	145.39	12	P	PKIKP	21 52 32.3	-0.2
L54A	Sinclairville	145.42	18	P	PKIKP	21 52 33.3	+0.6
HKT	Hockley	145.42	50	PKIKP	PKIKP	21 52 35.0	-1.7
J59A	Neveda	145.45	11	P	PKIKP	21 52 33.8	+1.0
I63A	Otisfield	145.46	6	P	PKIKP	21 52 33.6	+0.8
P48A	Millroy	145.50	27	P	PKIKP	21 52 33.1	0.0
K56A	Middlesex	145.54	15	P	PKIKP	21 52 33.2	0.0
I62A	Farnoth	145.55	7	P	PKIKP	21 52 33.2	+0.1
N51A	Ashland	145.55	22	P	PKIKP	21 52 33.5	+0.3
I64A	Boothbay	145.58	5	P	PKIKP	21 52 34.0	+0.5
M53A	WI Miller and	145.70	20	P	PKIKP	21 52 33.7	0.0
K57A	Scipio Center	145.72	14	P	PKIKP	21 52 33.8	+0.1
O50A	Cable	145.72	25	P	PKIKP	21 52 33.9	0.0
L55A	Hinsdale	145.72	17	P	PKIKP	21 52 34.1	+0.2
P49A	Palisades	145.76	26	P	PKIKP	21 52 33.8	-0.2
Z41A	Richland Creek	145.77	43	P	PKIKP	21 52 34.6	+0.3
Q48A	Not Vernon	145.78	28	P	PKIKP	21 52 33.9	-0.3
J60A	Lant Hill Farm	145.86	10	P	PKIKP	21 52 34.0	-0.3
K58A	Earlville	145.88	13	P	PKIKP	21 52 34.7	+0.3
N52A	McGinn's Farm,	145.90	22	P	PKIKP	21 52 34.4	-0.1
J61A	Chester	145.90	9	P	PKIKP	21 52 35.3	+0.9
M54A	Oil Creek Stat	145.97	19	P	PKIKP	21 52 34.7	0.0
L56A	Greenwood	146.01	16	P	PKIKP	21 52 35.1	+0.2
K59A	Cooperstown	146.04	12	P	PKIKP	21 52 35.2	+0.2
WCI	Wyandotte Cave	146.08	30	PKP2	PKIKP	21 52 35.2	-0.1
WCI	Wyandotte Cave	146.08	30	P	PKIKP	21 52 35.2	-0.1
P50A	Jamestown	146.10	25	P	PKIKP	21 52 34.7	-0.6
Q49A	Aurora	146.11	27	P	PKIKP	21 52 35.1	-0.3
J62A	Henniker	146.12	8	P	PKIKP	21 52 35.0	-0.3
O51A	Pataskala	146.13	23	P	PKIKP	21 52 35.0	-0.4
J63A	Stratford	146.16	7	P	PKIKP	21 52 35.4	0.0
N53A	Lisbon	146.21	21	P	PKIKP	21 52 35.1	-0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include V55A Taylorsville, S60A Water View, T58A Grand View Acr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JAGI Jajag, Banyuwa, IGBI Denpasar, DNP Denpasar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISC 20:22:28.03.7.1.8, 6.23N, 0.07, 126.4E, etc.

IDC 20 21:37:18.5:6.3, 11.28Sx114.51E, h0km, mb4.1/9, mb1 4.2/9, mb1mx3.8/56, mbtmp4.1/9, Error ellipse: s-maj=147.4km s-min=53.8km az=0.0

NEIC 20 21:37:32.4:1.1, 10.03S:0.07:114.50E:0.09, h46km, 10km, mb4.2/8, Error ellipse: s-maj=12.8km s-min=9.3km az=105.0

ISC 20 21:37:31.0:3.0, 10.11S:0.09:114.50E:0.10, h35km, n43, c1808/41, mb4.2/13, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JAGI Jajag, Banyuwa, UGM Wanaagama, SMRI Semarang, etc.

ISC 20 22:28:03.7:1.8, 6.23N, 0.07, 126.4E, 0.1, h51km, 17km, n16, c197/23, mb3.4/5, 3C-2D, Mindanao

IDC 20 22:28:23.2:2.9, 6.02S:152.38E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/45, mbtmp3.5/2, MS3.7/1, Ms1 3.7/1, mb1mx3.0/30, Error ellipse: s-maj=78.8km s-min=25.5km az=105.0, New Britain region

ISC 20 22:33:43.8:1.1, 16.0S:0.1:175.8W:0.11, h35km, n14, c2912/11, mb3.6/4, Off coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KRVT Keravat (AS076), KRVT Keravat, WRA Warramunga Arr, etc.

ISC 20 22:35:17.7:1.1, 11.46S:117.87E, h0km, mb3.9/4, mb1 4.1/8, mb1mx3.8/51, mbtmp4.0/8, M4.2/4, Error ellipse: s-maj=61.9km s-min=21.0km az=54.0

ISC 20 22:35:22.0:0.6, 11.148S:0.05:118.22E:0.05, h36km, n66, c284/76, mb4.0/7, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WBSI Waikabubak, BASI Baing, Sumb, PLAI Plampang, etc.

IDC 20 21:49:01.9:1.5, 9.60S:114.19E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.8/38, mbtmp3.9/9, Error ellipse: s-maj=65.6km s-min=19.6km az=48.0

DJA 20 21:49:05.0:8, 10.5:4'11"4E, h11km, 5km, M4.5/12, mb5.1/1, MLV4.2/12

NEIC 20 21:49:10.2:1.2, 9.70S:0.05:114.27E:0.09, h73km, 9km, mb4.0/14, Error ellipse: s-maj=12.7km s-min=6.3km az=74.0

ISC 20 21:49:06.0:5.9, 9.75S:0.05:113.99E:0.04, h31km, n65, c1882/69, mb4.0/11, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JAGI Jajag, Banyuwa, JAGI Jajag.

ISC 20 22:27:59.8, 6.31N:126.74E, h43km, mb4.9, ML3.8, MS3.7

IDC 20 22:28:05.7:3.5, 6.48N:126.38E, h72km, 28km, mb3.2/5, mb1 3.4/5, mb1mx3.1/48, mbtmp3.5/5, Error ellipse: s-maj=84.8km s-min=17.9km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MORW Morawa, SONM Songoing Array, etc.

ISC 20 22:28:05.7:3.5, 6.48N:126.38E, h72km, 28km, mb3.2/5, mb1 3.4/5, mb1mx3.1/48, mbtmp3.5/5, Error ellipse: s-maj=84.8km s-min=17.9km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JAGI Jajag, Banyuwa, JAGI Jajag.

IDC 20 22:28:23.2:2.9, 6.02S:152.38E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/45, mbtmp3.5/2, MS3.7/1, Ms1 3.7/1, mb1mx3.0/30, Error ellipse: s-maj=78.8km s-min=25.5km az=105.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KRVT Keravat (AS076), KRVT Keravat, WRA Warramunga Arr, etc.

IDC 20 22:33:40.6:1.1, 15.83S:75.54W, h0km, mb3.6/4, mb1 3.9/7, mb1mx3.7/40, mbtmp3.8/7, ML3.7/3, Error ellipse: s-maj=51.4km s-min=24.8km az=39.0

ISC 20 22:33:43.8:1.1, 16.0S:0.1:175.8W:0.11, h35km, n14, c2912/11, mb3.6/4, Off coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include NNA Nana, NNA Nana, LPAZ La Paz, LPAZ La Paz, LVC Limon Verde, etc.

IDC 20 22:35:17.7:1.1, 11.46S:117.87E, h0km, mb3.9/4, mb1 4.1/8, mb1mx3.8/51, mbtmp4.0/8, M4.2/4, Error ellipse: s-maj=61.9km s-min=21.0km az=54.0

DJA 20 22:35:20.8:1.3, 11.5:5'11"8E, h16km, 13km, M4.8/17, mb5.4/5, mb4.6/11, MLV4.8/17, Mw(mb)4.9/5

NEIC 20 22:35:22.0:0.6, 11.139S:0.07:118.17E:0.06, h37km, 9km, mb4.0/15, Error ellipse: s-maj=10.5km s-min=8.1km az=218.0

ISC 20 22:35:22.0:0.6, 11.148S:0.05:118.22E:0.05, h36km, n66, c284/76, mb4.0/7, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WBSI Waikabubak, BASI Baing, Sumb, PLAI Plampang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, WBA Warramunga Arr, etc.

NEIC 20 22:41:47.2±1.9, 23°24'S; 0°09'177.4W±0.1, h132km, 2km, mb4.4/33, Error ellipse: s-maj=17.0km s-min=13.1km az=112.0

IDC 20 22:41:51.8±6.4, 23°26'S; 177°35'W, h172km, 56km, mb3.7/13, mb1.3/9.14, mb1mx3.7/45, mbtmp4.2/14, Error ellipse: s-maj=24.1km s-min=19.0km az=39.0

ISC 20 22:41:48.5±0.5, 23°24'S; 0°07'177.34W±0.09, h150km, n74, r=144/74, mb4.3/24, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, MSVF Nonausv, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVDA Vanda, PSA00 Pilbara Seismi, GWSA Marble Bar, etc.

DJA 20 22:42:26.8±1.6, 4°N; 11°12'E, h18km, 23km, M4.8/9, mb5.3/6, mb4.9/7, MLV4.8/9, MW(MB)4.7/6

IDC 20 22:42:31.7±3.4, 3.7°N; 128°37'E, h126km, 37km, mb3.5/6, mb1.3/7.7, mb1mx3.3/53, mbtmp4.0/7, MS3.1/1, Ms1.3/1.1, mb1mx2.6/37, Error ellipse: s-maj=64.7km s-min=20.0km az=67.0

NEIC 20 22:42:31.7±1.1, 3°6'N; 1°1'±28.2E±0.2, h123km, 10km, mb4.0/6, Error ellipse: s-maj=24.3km s-min=14.8km az=55.0

ISC 20 22:42:29.9±0.8, 3.73°N; 0°06'128.22E±0.10, h100km, n34, r=149/34, mb3.9/9, 1C, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMTI Ternate, DDMP Don Marcelino, LKBI Labuha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBKS Cedar Bluff, U38A Gravette, HHAR Hobbs, etc.

IDC 20 22:50:16.7±2.1, 36°22'N; 141°15'E, h0km, mb3.5/4, mb1.3/6.5, mb1mx3.3/57, mbtmp3.5/5, ML2.3/1, Error ellipse: s-maj=50.7km s-min=30.4km az=50.0

JMA 20 22:50:22.1±0.2, 35°89'N; 140°87'E, h43km, 2km, M2.8

ISC 20 22:50:22.3±1.4, 35°95'N; 0°05'140.92E±0.09, h31km, 10km, n19, r=091/18, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHQJ Chosi, JIHU Itakohorinouch, JIHU Hitachinakayam, etc.

ECX 20 23:20:04.0±6.3, 31°38'N; 115°30'W, h5km, 3km, MD2.4, ML2.6

MEX 20 23:20:04.0±9.0, 31°26'N; 115°17'W, h10km, MD3.5

ISC 20 23:20:03.1±1.0, 31°37'N; 0°03'115°30'W±0.04, h16km, 10km, n12, r=083/23, 1C-3D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code Station Name, El Chino, San Pedro Mart, etc.

NEIC 20 23:26:29.6±1.5, 4°9'S; 0°1'±153.9E±0.1, h103km, 6km, mb4.4/19, Error ellipse: s-maj=17.0km s-min=16.2km az=128.0

IDC 20 23:26:30.9±2.8, 4.84°S; 153°74'E, h113km, 20km, mb3.9/16, mb1.4/1.7, mb1mx3.8/42, mbtmp4.3/17, Error ellipse: s-maj=29.5km s-min=13.5km az=105.0

ISC 20 23:26:30.0±0.7, 4.85°S; 150°08'E±0.1, h105km, n54, r=083/55, mb4.2/24, New Ireland region

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

IDC 21 02:18:37.1±3.5, 5.37S:152.43E, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.6/25, mbtmp3.9/2, Error ellipse: s-maj=85.3km s-min=19.4km az=91.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Keravat (AS076), WRA, ASAR, etc.

CNRM 21 02:23:59.4±1.2, 36.47N:4.70W, h102km, 13km, Error ellipse: s-maj=5.3km s-min=3.3km az=72.0

MDD 21 02:24:01.4±0.7, 36.46N:4.69W, h79km, 4km, mb2.8/13, Error ellipse: s-maj=6.5km s-min=3.5km az=170.0

PRXIMO INMG 21 02:24:01.7±1.8, 36.50N:4.68W, h76km, 5km, ML2.1, Error ellipse: s-maj=3.5km s-min=3.5km az=147.0

IGIL 21 02:24:02.0±0.36, 36.50N:4.68W, h73km, ML2.0

SFS 21 02:24:02.0±0.36, 36.50N:4.60W, h73km, ML3.0, FUENGIROLA (MALAGA)

ISC 21 02:23:59.4±1.2, 36.47N:0.02±4.68W:0.02, h95km, 6km, n80, c1943/143, 1D, Strait of Gibraltar

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

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

ESDC comp=N, 2.2nm, 0.6s Sonseca Array comp=N, 3.0nm, 0.2s, baz=189, slow=23, SNR=7.9

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

MORF Marneleite 3.29 286 S S 02 25 50.4 +1.5

MORF Marneleite 3.29 286 S S 02 25 25.4 -1.8

MORF Marneleite 3.29 286 S S 02 25 27.5

MORF Marneleite 3.29 286 S S 02 25 50.4 +1.5

MORF Marneleite 3.29 286 S S 02 25 25.4 -1.8

MORF Marneleite 3.29 286 S S 02 25 27.5

MORF Marneleite 3.29 286 S S 02 25 50.4 +1.5

MORF Marneleite 3.29 286 S S 02 25 25.4 -1.8

MORF Marneleite 3.29 286 S S 02 25 27.5

MORF Marneleite 3.29 286 S S 02 25 50.4 +1.5

MORF Marneleite 3.29 286 S S 02 25 25.4 -1.8

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

SSNC 21 02:36:32.0±1.8, 23.46N:80.59W, h21km, 34km, MD3.5, ML2.8, MW3.9, Cuba region

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

IDC 21 02:39:56.2±0.9, 5.40S:153.05E, h0km, mb4.1/14, mb1 4.2/15, mb1mx4.1/42, mbtmp4.1/15, ML2.0/1, MS3.2/7, Ms1 3.2/7, ms1mx3.0/28, Error ellipse: s-maj=25.6km s-min=14.8km az=113.0

NEIC 21 02:39:57.7±1.4, 5.38S:0.09±153.1E:0.1, h10km, 1km, mb4.4/9, Error ellipse: s-maj=23.6km s-min=14.6km az=94.0

ISC 21 02:40:01.7±0.8, 5.37S:0.07±153.1E:0.1, h37km, n31, c0932/27, mb4.1/15, MS3.1/6, New Ireland region

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

PMG Port Moresby 7.10 235 LR 02 24 47.3 +1.1

PMG Port Moresby 7.10 235 LR 02 24 47.3 +1.1

PMG Port Moresby 7.10 235 LR 02 24 47.3 +1.1

PMG Port Moresby 7.10 235 LR 02 24 47.3 +1.1

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PMG Port Moresby 7.10 235 LR 02 24 47.3 +1.1

PMG Port Moresby 7.10 235 LR 02 24 47.3 +1.1

21d 6h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NWLT, NHDH, NACB, etc.

2014 MAR

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like CHN1, WEL, DVHZ, etc.

1128

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JNTH, JNTH, JIH, etc.

1129

SLBB	Yuanshan	0.20 248	eP	Pn	06 25 19.2 -0.3
SLBB	baz=271		eS	Sn	06 25 29.5 -1.0
TWC	baz=271	0.22 177	↑iP	Pn	06 25 20.3 +0.7
TWC	Suao		S	Sn	06 25 30.8 +0.3
TWC	baz=163		S	Sn	06 25 30.8 +0.3
TWB1	Sanliao Chiao	0.23 37	↑iP	Pn	06 25 19.9 +0.3
TWB1	baz=42		S	Sn	06 25 30.1 -0.4
NWF	Wu-fen Shan	0.25 348	P	Pn	06 25 20.1 +0.3
NWF	baz=3.0		S	Sn	06 25 30.8 -0.1
WFSB	Wu-fen Shan	0.25 348	↑P	Pn	06 25 20.2 +0.4
WFSB	baz=360		S	Sn	06 25 30.3 -0.4
TWA	Mucha	0.28 303	↑iP	Pn	06 25 20.4 +0.5
TWA	baz=316		S	Sn	06 25 31.0 +0.1
NWLTL	Wulai	0.31 261	P	Pn	06 25 20.1 +0.1
NWLTL	baz=255		eS	Sn	06 25 30.9 -0.3
ENTT	Nioudou	0.31 233	↑iP	Pn	06 25 20.6 +0.6
ENTT	baz=248		S	Sn	06 25 31.0 -0.2
NHHD	Xindian Distri	0.32 295	↑eP	Pn	06 25 20.6 +0.6
NHHD	baz=290		eS	Sn	06 25 31.2 0.0
TATO	Taipei	0.35 295	↑P	Pn	06 25 20.5 +0.4
TATO	baz=291		S	Sn	06 25 31.1 -0.4
TATO	Taipei	0.35 295	Pn	Pn	06 25 20.3 +0.2
TATO	baz=312		Sn	Sn	06 25 30.9 -0.6
TAP	Taipei	0.37 305	eP	Pn	06 25 20.7 +0.5
TAP	baz=312		eS	Sn	06 25 31.4 -0.3
NDT	Datong Townshi	0.37 233	↑iP	Pn	06 25 20.7 +0.4
NDT	baz=245		S	Sn	06 25 31.2 -0.6
EOS1	EOS1	0.38 136	↑P	Pn	06 25 20.9 +0.6
EOS1	baz=124		eS	Sn	06 25 32.1 +0.4
YMO1	YMO1	0.40 323	↑iP	Pn	06 25 21.0 +0.5
YMO1	baz=322		S	Sn	06 25 32.1 0.0
ENA	Nanau	0.41 193	eP	Pn	06 25 20.9 +0.4
ENA	baz=182		eS	Sn	06 25 32.8 +0.8
YM10	YM10	0.41 322	↑P	Pn	06 25 21.0 +0.4
YM10	baz=321		S	Sn	06 25 32.2 -0.1
YM11	YM11	0.41 325	eP	Pn	06 25 21.1 +0.4
YM11	baz=324		eS	Sn	06 25 32.3 -0.1
YM08	YM08	0.42 328	↑P	Pn	06 25 20.9 +0.3
YM08	baz=327		S	Sn	06 25 32.3 0.0
YM03	YM03	0.44 322	P	Pn	06 25 20.9 +0.1
YM03	baz=321		eS	Sn	06 25 32.3 -0.3
YHNB	Yeheng	0.45 250	↑P	Pn	06 25 20.8 0.0
YHNB	baz=244		S	Sn	06 25 31.4 -1.3
YHNB	Yeheng	0.45 250	Pn	Pn	06 25 20.8 0.0
YHNB	baz=244		Sn	Sn	06 25 31.7 -1.0
ANP	Anpu	0.46 321	↑P	Pn	06 25 21.4 +0.4
ANP	baz=323		eS	Sn	06 25 33.1 +0.3
NSK	Sanguang	0.46 251	↑iP	Pn	06 25 20.9 0.0
NSK	baz=244		eS	Sn	06 25 31.3 -1.5
TWS1	Kuangyinshan	0.47 306	eP	Pn	06 25 21.6 +0.8
TWS1	baz=300		S	Sn	06 25 33.0 +0.3
NTST	Danshui	0.49 314	eP	Pn	06 25 21.9 +0.9
NTST	baz=321		eS	Sn	06 25 33.8 +0.8
TWY	Chenhua	0.50 334	P	Pn	06 25 21.7 +0.7
TWY	baz=339		S	Sn	06 25 33.5 +0.4
WLTB	Daxi	0.53 273	↑P	Pn	06 25 21.9 +0.6
WLTB	baz=275		S	Sn	06 25 34.1 +0.6
NNSB	Datong	0.57 226	↑P	Pn	06 25 22.3 +0.5
NNSB	baz=227		S	Sn	06 25 33.9 -0.4
NNSH	Datong	0.57 226	↑iP	Pn	06 25 22.2 +0.4
NNSH	baz=231		eS	Sn	06 25 33.6 -0.7
NCU	National Centr	0.61 284	↑iP	Pn	06 25 22.5 +0.6
NCU	baz=286		S	Sn	06 25 35.0 +0.5
NCUH	Zhongli	0.61 283	↑eP	Pn	06 25 22.4 +0.5
NCUH	baz=286		eS	Sn	06 25 34.8 +0.1
NACB	Ninganchiao	0.69 199	↑P	Pn	06 25 22.0 -0.6
NACB	baz=203		S	Sn	06 25 34.5 -1.3
NACB	Ninganchiao	0.69 199	Pn	Pn	06 25 21.9 -0.7
NACB	baz=203		Sn	Sn	06 25 22.9 +0.1
ETLH	Xiulin Townshi	0.70 208	eP	Pn	06 25 22.9 +0.1
ETLH	baz=214		eS	Sn	06 25 35.8 -0.3
LIOB	Emei	0.77 257	↑iP	Pn	06 25 23.8 +0.5
LIOB	baz=251		S	Sn	06 25 36.8 -0.3
SBCB	Hsinchu	0.78 268	eP	Pn	06 25 24.0 +0.6
SBCB	baz=262		eS	Sn	06 25 37.5 +0.3
TWD	Chiawen	0.78 197	eP	Pn	06 25 22.9 -0.5
TWD	baz=201		S	Sn	06 25 36.2 -0.9
NSTT	Nanjuang	0.79 256	↑iP	Pn	06 25 23.9 +0.4
NSTT	baz=250		eS	Sn	06 25 37.1 -0.3
HSN	Hsinchu	0.79 268	P	Pn	06 25 23.7 +0.2
HSN	baz=263		eS	Sn	06 25 36.9 -0.5
TWT	Tachien	0.83 227	↑iP	Pn	06 25 25.2 +1.1
TWT	baz=220		eS	Sn	06 25 39.9 +1.5
TDCB	Techi	0.84 227	P	Pn	06 25 25.2 +1.0
TDCB	baz=234		S	Sn	06 25 38.5 -0.1
WHF	Hehuan Shan	0.86 218	↑iP	Pn	06 25 25.1 +0.4
WHF	baz=210		eS	Sn	06 25 39.3 0.0
HWA	Hwalien	0.87 194	eP	Pn	06 25 24.1 -0.3
HWA	baz=199		eS	Sn	06 25 39.1 +0.3

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ENLB	Shoufeng	0.94 193	P	Pn	06 25 24.8 -0.2
ENLB	baz=198		S	Sn	06 25 40.7 +0.6
CHGB	Renai	0.97 219	↑P	Pn	06 25 26.5 +0.9
CHGB	baz=222		S	Sn	06 25 41.4 +0.3
WHP	Taichung City	0.98 236	↑eP	Pn	06 25 26.4 +0.9
WHP	baz=235		S	Sn	06 25 40.9 -0.1
NMLH	Nianli	1.00 253	eP	Pn	06 25 26.2 +0.6
NMLH	baz=253		eS	Sn	06 25 41.3 +0.2
OWD	Renai	1.06 215	eP	Pn	06 25 27.1 +0.7
OWD	baz=219		eS	Sn	06 25 42.6 +0.1
NSY	Sanyi	1.06 248	eP	Pn	06 25 27.1 +0.8
NSY	baz=247		eS	Sn	06 25 42.9 +0.4
ESL	Shilin	1.07 200	eP	Pn	06 25 25.6 -0.8
ESL	baz=192		eS	Sn	06 25 40.8 -1.8
JYNG	Yonagunijimaku	1.07 110	P	Pn	06 25 26.5 +0.2
JYNG	baz=110		S	Sn	06 25 41.9 -0.7
TWQ1	Liuyan	1.08 244	P	Pn	06 25 27.1 +0.6
TWQ1	baz=243		S	Sn	06 25 42.5 -0.3
PTSB	Yuanli	1.10 250	eP	Pn	06 25 26.8 +0.1
PTSB	baz=249		eS	Sn	06 25 43.2 +0.1
YOJ	Yonaguni jima	1.13 109	eP	Pn	06 25 27.0 0.0
YOJ	baz=107		P	Sn	06 25 27.2 +0.2
YOJ	Yonaguni jima	1.13 109	P	Sn	06 25 43.1 -0.5
YOJ	baz=107		Pn	Sn	06 25 27.0 0.0
YOJ	Yonaguni jima	1.13 109	Pn	Sn	06 25 43.3 -0.3
YOJ	baz=107		Sn	Sn	06 25 28.8 +1.4
DPDB	Guoxing	1.15 227	eP	Pn	06 25 28.8 +1.4
DPDB	baz=233		eS	Sn	06 25 44.6 +0.4
WDJ	Dajia District	1.19 247	eP	Pn	06 25 28.4 +0.7
WDJ	baz=239		eS	Sn	06 25 45.1 +0.1
EGFH	Guangfu	1.21 198	eP	Pn	06 25 27.8 -0.3
EGFH	baz=195		eS	Sn	06 25 43.9 -1.5
VWDT	VWDT	1.24 211	↑P	Pn	06 25 29.2 +0.9
VWDT	baz=216		eS	Sn	06 25 46.5 +0.5
TCU	Taichung	1.26 238	eP	Pn	06 25 29.3 +0.8
TCU	baz=236		eS	Sn	06 25 45.6 -0.6
SMLT	Sun Moon Lake	1.27 222	eP	Pn	06 25 29.7 +0.9
SMLT	baz=226		eS	Sn	06 25 47.2 +0.4
TYC	Yuchr	1.28 224	eP	Pn	06 25 29.6 +0.8
TYC	baz=230		S	Sn	06 25 47.3 +0.5
SSLB	Suanglung	1.31 218	eP	Pn	06 25 30.0 +0.8
SSLB	baz=225		S	Sn	06 25 47.7 +0.2
SSLB	Suanglung	1.31 218	Pn	Pn	06 25 30.1 +0.9
SSLB	baz=225		Sn	Sn	06 25 48.5 +1.0
HGSD	Ruisui	1.38 196	eP	Pn	06 25 30.2 +0.2
HGSD	baz=199		eS	Sn	06 25 50.1 +1.2
WCHH	Zhanghua	1.38 238	eP	Pn	06 25 30.8 +0.8
WCHH	baz=236		eS	Sn	06 25 49.3 +0.4
EHY	Hungye	1.40 200	eP	Pn	06 25 29.2 -1.0
EHY	baz=189		eS	Sn	06 25 48.2 -1.0
WNT	Mingjian	1.42 228	eP	Pn	06 25 31.2 +0.8
WNT	baz=234		eS	Sn	06 25 50.2 +0.6
WJS	Zhushan	1.42 226	eP	Pn	06 25 31.6 +1.1
WJS	baz=233		eS	Sn	06 25 50.5 +0.7
YULB	Yu-li	1.51 199	eP	Pn	06 25 30.7 -1.0
YULB	baz=192		eS	Sn	06 25 50.9 -0.9
YULB	Yu-li	1.51 199	Pn	Pn	06 25 30.6 -1.0
YULB	baz=192		Sn	Sn	06 25 51.4 -0.4
TWF1	Yuli	1.55 199	eP	Pn	06 25 31.4 -0.7
TWF1	baz=196		eS	Sn	06 25 50.9 -1.7
YUS	Yu-Shan	1.56 211	eP	Pn	06 25 34.0 +1.4
YUS	baz=219		eS	Sn	06 25 54.4 +0.9
ALS	Alshan	1.62 216	eP	Pn	06 25 34.3 +1.1
ALS	baz=221		eS	Sn	06 25 55.3 +0.8
CHN5	Tsauling	1.62 221	eP	Pn	06 25 34.0 +1.0
CHN5	baz=218		eS	Sn	06 25 55.0 +0.8
WGK	Gukung	1.63 226	eP	Pn	06 25 33.8 +0.6
WGK	baz=233		eS	Sn	06 25 54.9 +0.7
RLNB	Erlin	1.64 236	eP	Pn	06 25 33.6 +0.5
RLNB	baz=234		eS	Sn	06 25 54.2 -0.3
WDLH	Douliu	1.64 227	eP	Pn	06 25 33.3 +0.1
WDLH	baz=233		eS	Sn	06 25 55.4 +0.9
FULB	Fuli	1.70 197	eP	Pn	06 25 34.0 +0.1
FULB	baz=193		eS	Sn	06 25 56.4 +0.5
CHKT	Chengkung	1.77 194	eP	Pn	06 25 34.5 -0.4
CHKT	baz=185		P	Sn	06 25 35.2 +0.2
IRIF	Iriomote-Funau	1.79 106	P	Pn	06 25 57.5 -0.4
IRIF	baz=106		S	Sn	06 25 35.5 +0.5
CHN2	Mingshue	1.79 224	eP	Pn	06 25 35.5 +0.5
CHN2	baz=230		eS	Sn	06 25 59.2 +1.2
ELDTW	Lidau	1.80 205	eP	Pn	06 25 35.6 +0.3
ELDTW	baz=198		eS	Sn	06 25 36.4 +0.6
CHY	Chiay	1.85 225	eP	Pn	06 25 36.4 +0.6
CHY	baz=230		eS	Sn	06 25 59.8 +0.6
CHY	Chiay	1.85 225	eP	Pn	06 25 36.4 +0.6
CHY	baz=230		eS	Sn	06 25 59.8 +0.6
CHN4	Chengkung	1.86 218	eP	Pn	06 25 34.0 +1.0
CHN4	baz=215		eS	Sn	06 25 60.0 +0.5
TPUB	Ta-pu	1.88 216	eP	Pn	06 25 36.7 +0.5
TPUB	baz=213		eS	Sn	06 25 59.9 0.0
TPUB	Ta-pu	1.88 216	Pn	Pn	06 25 36.5 +0.3
TPUB	baz=213		Sn	Sn	06 26 00.0 0.0
WSF	Szhu	1.89 232	eP	Pn	06 25 36.7 +0.4
WSF	baz=229		eS	Sn	06 26 00.5 +0.4
WTP	Ta-pu	1.93 216	eP	Pn	06 25 37.6 +0.7
WTP	baz=213		eS	Sn	06 26 01.3 +0.2

21d 6h

HATJ	Hateruma jima	1.95 113	P	Pn	06 25 37.6 +0.6
HATJ	baz=213		S	Sn	06 26 01.9 +0.4
TWK	Hsiangying	1.98 219	eP	Pn	06 25 38.2 +0.7
TWK	baz=215		eS	Sn	06 26 02.2 -0.2
PTTC	Pingtang	1.99 290	P	Pn	06 25 37.2 -0.3
PTTC	baz=290		eS	Sn	06 25 38.7 +0.8
SNST	Tainan City	2.02 218	eP	Pn	06 25 38.7 +0.8
SNST	baz=214		eS	Sn	06 26 03.0 -0.1
CHN1	Nanshi	2.03 216	eP	Pn	06 25 38.7 +0.6
CHN1	baz=213		S	Sn	06 26 03.3 0.0
JKRS	Kuro-shima	2.06 106	P	Pn	06 25 39.0 +0.5
JKRS	baz=213		S	Sn	06 26 04.6 +0.5
SGST	Jiashian	2.08 214	eP	Pn	06 25 39.9 +1.1
SGST	baz=218		eS	Sn	06 26 03.9 -0.7
TWG	Pinlang	2.12 200	eP	Pn	06 25 39.1 -0.2
TWG	baz=187		eS	Sn	06 26 04.0 -1.4
TWG	Pinlang				

21d 7h

Table with columns: LBLM, Labuha, 6.08 348 P, Pn, 06 54 26.1 +0.6, etc. Lists various stations and their parameters.

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Table with columns: KURK, Kurchatov, 71.56 329 P, Iamb, 07 04 16.0 +0.3, etc. Lists stations and their parameters.

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Table with columns: NMHZ, Naumai, 7.74 212 P, Pn, 07 15 52.6 -0.8, etc. Lists stations and their parameters.

21d 10h

Table with columns: WRO, comp-Z, IAmB, IAmB, Time, Res. Rows include stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Diego Garcia H, etc.

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Table with columns: BOZC, comp-N, IAmL, Time, Res. Rows include stations like RZN Rozhen, RYK Saray-Tekirda, BAYC SANKAKKE, etc.

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Table with columns: DAT, SLUM, APE, APE, APE, etc. Rows include stations like DAT Salum, SLUM baz=199, APE Apeiranthos, etc.

21d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HHSZ Highcliff Hill, MSZ Milford Sound, MLZ Mavora Lakes, etc.

IDC 21 11:41:37.3.9.0, 31.505S:179.85W, h314km, 99km, mb2.7/2, mb1 3.0/3, mb1mx2.9/25, mbtmp3.6/3, Error ellipse: s-maj=102.1km s-min=45.8km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, WVGZ Waioamatatini S, HAZ Te Kaha, etc.

IDC 21 11:56:15.9.2.4, 5.145S:150.45E, h97km, 29km, mb3.1/2, mb1 3.4/3, mb1mx3.0/43, mbtmp3.6/3, Error ellipse: s-maj=95.2km s-min=11.2km az=137.0, New Britain region

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

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0.7nm, 0.6s, baz=51, slow=10, SNR=9.5
ASAR Alice Springs 24.36 219 P P 12 01 25.3 +0.2

TORD Torodi Arr Bea 148.17 287 PKPbc PKPbc 12 15 50.8 -0.9
IDC 21 12:11:35.4.2.1, 8.80S:110.06E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.6/44, mbtmp3.6/6, ML3.6/1, MS3.1/1, Ms1 3.7/4.1, ms1mx2.6/38, Error ellipse: s-maj=83.6km s-min=20.9km az=55.0

NEIC 21 12:11:41.6.2.5, 9.04S:0.05E:109.97E:0.05, h52km, 3km, mb4.1/13, Error ellipse: s-maj=8.3km s-min=7.4km
DJA 21 12:11:50.1.0.9, 8.7S:7.11E, h28km, 7km, M4.6/12, mb5.9/9, mb6.9/2, MLV4.0/12, Mw(m)Bj6.8/2

ISC 21 12:11:39.9.0.6, 9.04S:0.06E:109.93E:0.06, h35km, n49, s=174/37, mb4.0/11, South of Java
Code Station Name Az Phase ID Time Res ISC
UGM Wanaqama 1.26 28 P Pn 12 12 01.8 +0.7

MTN Mantion Dam 21.16 102 P P 12 16 22.4 +0.2
FAKI Fak Fak 23.00 76 P P 12 16 42.5 +0.6
WBO Warramunga Arr 25.95 117 P P 12 17 09.8 +0.5

ASAR Alice Springs 27.15 125 P P 12 17 21.1 +0.9
CMAR Chiang Mai Arr 29.39 338 LR LR 12 30 31.4
H08S2 Diego Garcia H 37.06 269 T T 12 57 53.6

H08S1 Diego Garcia H 37.06 269 T T 12 57 57.3
STKA Stephens Creek 37.13 132 P P 12 18 48.6 +1.2
STKA Stephens Creek 37.13 132 P P 12 18 48.1 +0.7

PEA0B Petropavlovsk 73.99 28 P P 12 23 12.4 +0.6
PETK Petropavlovsk 73.99 28 P P 12 23 11.6 -0.2
PSPK Petropavlovsk 73.99 28 P P 12 23 11.8 +0.1

NINC 21 12:17:12.6.2.3, 37.82N:171.69E, h174km, 38km, mb2.8, mp3.8, Error ellipse: s-maj=23.7km s-min=13.5km az=21.0

ISC 21 12:17:11.3.4.3, 37.72N:171.76E:0.1, h150km, n10, s=074/14, 4C-10, Afghanistan-Tajikistan border region
Code Station Name Az Phase ID Time Res ISC
AML Almayashu 4.68 19 P Pn 12 18 20.3 -0.3

IDC 21 12:18:15.6.1.4, 1.13N:125.75E, h0km, mb4.1/4, mb1 4.3/5, mb1mx3.7/35, mbtmp4.1/5, ML4.1/1, Error ellipse: s-maj=105.0km s-min=21.2km az=67.0

DJA 21 12:18:21.0.0.4, 1.5N:121.66E, h10km, M4.3.9n, mb4.9/1, mb5.0/1, MLV4.0/9, Mw(m)Bj4.1/1
ISC 21 12:18:20.9.0.7, 1.43N:0.09E:126.26E:0.06, h44km, n34, s=174/37, mb4.0/10, Northern Molucca Sea

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KMSI Cibinong 2.44 250 P Pn 12 18 58.5 +0.3
SANANA Sanana 4.27 185 P Pn 12 19 13.6 +1.2
LAWI Luwuk 4.37 235 P Pn 12 19 25.2 +1.8

WRA Warramunga Arr 22.67 160 P P 12 23 17.1 -1.9
FITZ Fitzroy Crossi 19.42 182 P P 12 22 42.1 -1.5
WBO Warramunga Arr 22.67 160 P P 12 23 16.7 -1.5

WRA Warramunga Arr 22.67 160 P P 12 23 17.1 -1.9
WRA Warramunga Arr 22.67 160 P P 12 23 16.7 -1.5
WRA Warramunga Arr 22.67 160 P P 12 23 16.6 -1.8

ASAR Alice Springs 26.03 164 P P 12 23 49.2 -0.9
ASAR Alice Springs 26.03 164 P P 12 23 49.1 -1.0
ASAR Alice Springs 26.03 164 P P 12 23 48.6 +1.0

IDC 21 12:39:46.6.1.1, 24.19N:94.23E, h0km, mb3.9/12, mb1 3.9/13, mb1mx3.7/40, mbtmp3.8/13, ML3.6/1, MS2.9/5, Ms1 3.0/5, ms1mx2.5/56, Error ellipse: s-maj=46.0km s-min=15.1km az=58.0

ISC 21 12:39:54.7.0.8, 24.22N:0.1x94.3E:0.1, h68km, n45, s=073/43, mb3.9/18, Myanmar-India border region
Code Station Name Az Phase ID Time Res ISC
LSA Lhasa 6.17 334 Pn Pn 12 41 22.4 -1.3

CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2

CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2

CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2

CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2

CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2
CMAR Chiang Mai Arr 7.16 141 Pn Pn 12 41 37.0 -3.2

IDC 21 12:55:37.8.5.4, 8.45S:153.82E, h102km, 40km, mb3.0/2, mb1 3.3/3, mb1mx3.0/43, mbtmp3.5/3, Error ellipse: s-maj=53.4km s-min=29.2km az=98.0, New Ireland region

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Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like MMB Musoniste, SRS Serrai, PUL Pulkovo, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like FINES FINESS Array B, CRVS Cervencia-Dubn, CRVS Cervencia-Dubn, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like GKP Gorka Kiasztor, GKP Gorka Kiasztor, GKP Kautokeino, etc.

HOPEN Hopfen	77.78 347	eP	P	13 53 05.0	-0.3		
HOPEN		IvMB_BB		13 53 21.4			
comp=Z,4um,7.5s							
HOPEN		eS	S	14 02 58.7	+2.2		
HOPEN		IvMs_BB	IvMs_BB	14 34 21.9			
comp=Z,9um,15.3s							
PBCC Pribram	77.87 319	eP	P	13 53 06.4	+0.1		
PBCC		eS	S	14 02 53.8	-4.6		
TRI Trieste	77.89 315	P	P	13 53 06.1	-0.4		
TRI		Pmax	Pmax				
BRG Berggiesshubel	77.95 320	iP	P	13 53 06.4	-0.4		
BRG		iPCP	sP	13 53 14.2	-0.4		
comp=Z,5.2nm,1.5s		iPP	PP	13 56 07.3	+4.6		
BRG		comp=Z,110nm,1.6s					
BRG		SKS	S	14 03 00.0	+0.7		
BRG		S	SS	14 03 28.0	+2.7		
BRG		SS	SS	14 07 50.0	-1.0		
BRG		ePKPPKP	P'P'df	14 20 08.0	-4.4		
BRG		comp=Z,2.3nm,0.5s					
BRG		Berggiesshubel	77.95 320	eP	P	13 53 06.1	-0.7
BRG		comp=Z,520nm,1.5s,baz=91,slow=5.4	eS	sP	13 53 14.3	-0.3	
BRG		comp=Z,520nm,1.5s	eS	S	14 03 00.8	+1.6	
BRG		baz=91,slow=11	iP	P	13 53 06.4	-0.4	
BRG		Berggiesshubel	77.95 320	iP	P	13 53 14.2	
BRG			Pmax	Pmax			
BRG		comp=Z,64nm,1.4s					
BRG		comp=Z,5.0nm,1.5s					
MYKA Terra Mystica	78.00 316	iP	P	13 53 06.8	-0.4		
MYKA		comp=Z,276nm,1.7s					
GE2 GERESS Array S	78.03 318	eP	P	13 53 06.5	-0.8		
GE2		comp=Z,821nm,1.7s,baz=91,slow=5.4	sP	13 53 14.8	-0.4		
GE2C		comp=Z,821nm,1.7s	eS	S	14 03 01.4	-0.4	
GE2C		baz=91,slow=11	P	P	13 53 06.5	-0.8	
GERES GERESS Array B	78.03 318	P	P	13 53 06.3	-1.0		
GERES		comp=Z,26nm,0.8s,baz=86,slow=5.5,SNR=98	P	P	13 53 07.3	-0.5	
AQU L'Aquila	78.09 312	P	P	13 53 07.3	-0.5		
AQU		comp=Z,130nm,1.6s	Pmax	Pmax			
KHC Kasperske Hory	78.12 319	eP	P	13 53 06.8	-1.0		
KHC		eP	PP	13 53 12.6	-0.9		
KHC		eS	AMS	14 02 52.4	-8.8		
KHC		AMS	AMS	14 32 10.0			
KHC		comp=Z,12um,18.8s	Pmax	Pmax			
KHC		Kasperske Hory	78.12 319	eP	Pmax	13 53 07.0	-0.8
KHC		comp=Z,63nm,1.0s	MLR	MLR			
RUE Ruedersdorf	78.13 322	eP	P	13 53 07.3	-0.4		
RUE		comp=Z,1um,1.5s,baz=91,slow=5.4	sP	13 53 15.0	-0.5		
RUE		comp=Z,1um,1.5s	P	P	13 53 07.5	-1.0	
KBA Koelnbreinsper	78.21 316	iP	PP	13 56 04.4	-0.8		
KBA		comp=Z,121nm,1.6s,SNR=18	Pmax	Pmax			
KBA		comp=Z,26nm,1.5s					
KBA		Koelnbreinsper	78.21 316	P	P	13 53 06.9	-1.6
KBA		comp=Z,104nm,1.3s					
FBE Freiberg	78.33 320	eP	P	13 53 08.3	-0.5		
FBE		comp=Z,831nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 16.6	-0.1	
FBE		comp=Z,831nm,1.6s	P	P	13 53 10.0	+1.4	
MAW Mawson	78.36 192	P	P	13 53 09.2	+0.6		
MAW		comp=Z,23nm,0.7s,baz=33,slow=4.9,SNR=25	PKP2ab		14 19 53.2		
MAW		comp=Z,7.4nm,1.2s,baz=309,slow=7.8,SNR=3.6	LR		14 23 27.5		
MAW		comp=Z,13um,18.9s,baz=24,slow=32					
MAW		Mawson	78.36 192	P	P	13 53 09.9	+1.4
RGW Rugen	78.51 324	P	P	13 53 09.0	-0.7		
RGW		comp=Z,1um,1.7s,baz=91,slow=5.4	eS	sP	13 53 17.4	0.0	
RGW		comp=Z,1um,1.7s	IAMS_20	IAMS_20	14 33 42.9		
RGW		Rugen	78.51 324	IAMS_20	IAMS_20	14 33 42.9	
RGW		comp=Z,33um,20.0s	eP	P	13 53 10.0	-0.1	
CLL Colim	78.56 321	eP	P	13 53 10.0	-0.1		
CLL		comp=Z,363nm,1.5s	ePmax	ePmax	13 53 25.0		
CLL			eS	S	14 03 03.0	-2.8	
CLL			eS	SS	14 03 42.0		
CLL			eS	SS	14 08 00.0	-9.3	
CLL			e	SSS	14 11 30.0		
CLL			e	Lm	14 13 12.0		
CLL			Lm	MLR	14 33 00.0		
CLL		comp=N,10um,20.6s	Lm	MLR	14 33 00.0		
CLL		comp=E,8um,21.6s	Lm	MLR	14 33 00.0		
CLL		comp=Z,13um,20.6s	Lm	MLR	14 34 00.0		
CLL			Lm(360		16 13 00.0		
CLL		comp=Z,1um,19.7s					
CLL		Colim	78.56 321	eP	P	13 53 10.0	-0.1
CLL		comp=Z,363nm,1.6s,baz=91,slow=5.4	eS	PP	13 53 08.2	-0.4	
CLL		comp=Z,363nm,1.6s	eS	P	14 03 07.4	+1.6	
CLL		baz=91,slow=11	P	S	13 53 10.0	-0.1	
CLL		Colim	78.56 321	eP	P	13 53 10.0	-0.1
CLL			i	S	13 53 17.4		
CLL			Pmax	Pmax	14 03 03.0	-2.8	
CLL		comp=Z,363nm,1.5s	MLR	MLR			
WET Wettzell	78.58 319	eP	P	13 53 09.5	-0.8		
WET		comp=Z,532nm,1.7s	eS	sP	13 53 17.8	-0.4	
WET		comp=Z,532nm,1.7s	eS	S	14 03 07.3	+1.2	
WET		baz=91,slow=11	P	P	13 53 09.5	-0.8	
WET		Jochberg	78.60 317	eP	P	13 53 08.9	-1.6
RJOB Jochberg	78.60 317	eP	P	13 53 08.9	-1.6		
RJOB		comp=Z,414nm,1.8s,baz=91,slow=5.4	sP	13 53 17.2	-1.2		
RJOB		comp=Z,414nm,1.8s	IAMB	IAMB	13 53 18.2		
STAL STALGIAL	78.63 316	IAMB	IAMB	13 53 18.2			
STAL		comp=Z,539nm,1.4s					
BJOI Bjornoya	78.71 345	eP	P	13 53 10.2	-0.3		
BJOI		comp=Z,183nm,1.8s,SNR=11	eS	S	14 03 08.1	+1.6	
BJOI			eSS	SS	14 08 13.4	+2.9	
BJOI			IvMs_BB	IvMs_BB	14 33 42.3		
MURB Monte Urbino	78.75 313	IAMS_20	IAMS_20	14 32 16.5			
MURB		comp=Z,23um,22.0s					
ABTA Abfattersbach	78.78 316	iP	P	13 53 10.2	-1.3		
ABTA		comp=Z,183nm,1.8s,SNR=11	ePP	PP	13 56 07.2	-2.6	
STEI Steigen	78.78 338	eP	P	13 53 10.4	-0.5		
STEI		comp=Z,18nm,1.3s	eS	SS	14 03 09.1	+1.6	
STEI			eSS	SS	14 08 14.4	+2.5	
TANN Tannenbergscha	78.88 320	eP	P	13 53 11.1	-0.9		
TANN		comp=Z,630nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 19.3	-0.5	
TANN		comp=Z,630nm,1.6s	P	P	13 53 12.3	+0.3	
NKC Novy Kostel	78.88 320	eP	P	13 53 10.7	-0.9		
NKC		comp=Z,14um,17.2s	AMS	AMS	14 34 00.0		
NKC		comp=Z,14um,17.2s	MLR	MLR	13 53 12.3	+0.3	
MOR8 Mol Rana	78.89 336	eP	P	13 53 10.7	-0.9		
MOR8		comp=Z,14um,17.2s	eP	PP	13 56 09.7	-0.5	
MOR8			eS	SS	14 03 09.2	+0.4	
MOR8			eSS	SS	14 08 13.6	0.0	
MOR8			IvMs_BB	IvMs_BB	14 32 36.6		
comp=Z,10um,17.5s							

WERN Wernitzgruen	78.93 320	eP	P	13 53 11.5	-0.8		
WERN		comp=Z,252nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 19.7	-0.4	
WERN		comp=Z,252nm,1.6s	IvMs_BB	IvMs_BB	14 02 58.7	+2.2	
GUNZ Gunz	78.96 320	eP	P	13 53 11.6	-0.8		
GUNZ		comp=Z,273nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 19.9	-0.4	
GUNZ		comp=Z,373nm,1.6s	eS	S	13 53 12.3	-0.5	
ROTZ Rotzenmühle	79.03 319	eP	P	13 53 20.5	-0.1		
ROTZ		comp=Z,622nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 20.5	-0.1	
ROTZ		comp=Z,622nm,1.6s	P	P	13 53 12.4	-0.4	
COP Copenhagen	79.07 325	iP	P	13 53 12.4	-0.4		
COP		comp=Z,63nm,0.8s	P	Pmax	13 53 12.4	-0.4	
COP		comp=Z,63nm,0.8s	MLR	MLR			
COP		comp=Z,11um,22.0s					
PLN Plauen	79.08 320	eP	P	13 53 12.1	-0.9		
PLN		comp=Z,268nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 20.4	-0.5	
PLN		comp=Z,268nm,1.6s	P	P	13 53 12.1	-0.9	
PLN		Manzenberg	79.10 319	eP	P	13 53 12.8	-0.4
MANZ Manzenberg	79.10 319	eP	P	13 53 12.8	-0.4		
MANZ		comp=Z,734nm,1.6s,baz=91,slow=5.4	eS	sP	13 53 21.0	0.0	
MANZ		comp=Z,734nm,1.6s	P	P	13 53 13.2	-1.1	
NEUB Neuenburg	79.33 321	eP	P	13 53 21.5	-0.7		
NEUB		comp=Z,502nm,1.7s,baz=91,slow=5.4	eS	sP	13 53 14.0	-0.8	
CTI Castel Tesino	79.37 315	P	Pmax	13 53 13.1	-1.9		
CTI		comp=Z,270nm,1.6s	P	P	13 56 09.5	-5.5	
WTTA Wattenberg	79.38 317	iP	P	13 56 09.5	-5.5		
WTTA		comp=Z,440nm,1.6s,SNR=20	ePP	PP	13 53 15.1	+0.4	
WTTA		comp=Z,44nm,1.3s	P	Pmax	13 53 13.4	-1.7	
GRB1 Grafenberg Arr	79.38 319	P	Pmax	13 53 14.1	-0.8		
GRB1		comp=Z,430nm,1.6s	P	P	13 53 22.3	-0.4	
GRB1		comp=Z,430nm,1.6s	eS	S	14 03 16.4	+1.4	
WATA Walderalim	79.42 317	iP	P	13 53 14.3	-1.7		
WATA		comp=Z,1.2nm,0.3s,SNR=13	P	P	13 53 14.1	-0.8	
MOX Moxa	79.42 320	eP	P	13 53 22.3	-0.4		
MOX		comp=Z,396nm,1.6s,baz=91,slow=5.4	eS	sP	14 03 16.4	+1.4	
MOX		comp=Z,396nm,1.6s	eS	S	14 34 51.0		
MOX		baz=91,slow=11	eL	L	13 53 14.2	-0.7	
MOX		comp=Z,22um,18.5s	P	P	14 04 00.0		
MOX		Moxa	79.42 320	P	P	13 53 24.0	-0.7
MOX		comp=Z,148nm,1.8s	Pmax	Pmax			
LOF Lofoten	79.44 338	eP	P	13 53 14.3	-0.3		
LOF		comp=Z,148nm,1.8s	eS	SS	14 03 16.4	+1.8	
LOF		comp=Z,148nm,1.8s	eS	SS	14 08 21.2	-0.5	
LOF		comp=Z,148nm,1.8s	eS	SS	13 53 14.5	-0.2	
KONS Kongsberg	79.45 336	eP	P	13 53 14.7	-1.4		
KONS		comp=Z,761nm,1.7s,baz=91,slow=5.4	P	P	13 53 15.1	-0.1	
GRC1 Grafenberg Arr	79.47 318	P	P	13 53 14.7	-1.4		
FUR Furstenfeldbru	79.63 318	P	P	13 53 15.7	-0.5		
FUR		comp=Z,761nm,1.7s	eS	sP	13 53 23.0	-0.9	
FUR		comp=Z,761nm,1.7s	P	P	13 53 14.7	-1.4	
GRF Grafenberg Arr	79.67 319	eP	P	13 53 15.7	-0.5		
GRF		comp=Z,620nm,1.5s,baz=91,slow=5.4	eS	PcP	13 53 24.0	0.0	
GRF		comp=Z,620nm,1.5s	ePP	PP	13 56 22.9	+5.8	
GRF		baz=100,slow=7.8	eS	S	14 03 18.9	+1.2	
GRF		baz=91,slow=11	eL	L	14 36 34.7		
GRF		comp=Z,11um,20.3s					
GRF		Grafenberg Arr	79.67 319	P	P	13 53 16.6	+0.3
GRF		comp=Z,252nm,1.5s	Pmax	Pmax			
SQTA Sankt Quirin	79.67 317	iP	P	13 53 15.0	-1.4		
SQTA		comp=Z,155nm,1.2s,SNR=12	P	P	13 53 16.1	-0.5	
NFK Norfolk Island	79.67 121	P	P	13 53 15.1	-1.8		
NFK		comp=Z,311nm,1.4s,SNR=18	ePP	PP	13 56 14.8	-3.1	
MOTA Mootsland	79.74 317	iP	P	13 53 13.0	-3.5		
MOTA		comp=Z,311nm,1.4s,SNR=18	ePP	PP	13 53 13.0	-3.5	
NORES NORSAR Array B	79.77 330	P	Pmax	13 53 16.1	-0.4		
NORES		comp=Z,36nm,1.1s	eS	S	14 03 19.5	+1.3	
NSS Namsos	79.78 334	eP	P	14 08 29.5	+2.5		
NSS		comp=Z,13um,17.9s	eS	SS	14 35 35.2		
NSS		comp=Z,13um,17.9s	IvMs_BB	IvMs_BB	14 35 35.2		
ZCCA Zocca	79.86 314	IAMB	IAMB	13 53 31.8			
ZCCA		comp=Z,285nm,1.0s	IAMS_20	IAMS_20	14 35 24.8		
ZCCA		comp=Z,19um,20.0s					
NC303 NORSAR Array S	79.87 331	eP	P	13 53 15.6	-1.5		
NC303		comp=Z,19um,20.0s	eS	S	14 03 20.9	+1.5	
NC303		comp=Z,11um,24.0s	IvMs_BB	IvMs_BB	14 33 08.0		
STRU Stroemstad	79.88 3						

QSPA	South Pole Qui	97.58	180	IAMS_20	IAMS_20	14 36 21.8			
RES	Resolute Bay	97.59	2	P	P	13 54 42.5	-0.1		
RES	comp=Z,75nm,1.0s								
RES	Resolute Bay	97.59	2	P	Iamb	13 54 42.5	-0.1		
RES	comp=Z,75nm,1.0s								
RES	comp=Z,13um,20.0s					14 46 59.8			
BCAR	Beaver Creek A	97.71	22	P	Pdf	13 54 43.9	+0.5		
GLB	Gilahina Butte	97.80	24	IAMS_20	IAMS_20	14 43 08.4			
KIC	Kosan Boka	97.99	278	ePKP1	Pdf	13 54 45.8	+0.1		
DAWY	Dawson	98.01	21	IAMS_20	IAMS_20	14 46 53.8			
DBIC	Dimbokro	98.05	278	P	Pdf	13 54 46.6	+0.6		
DBIC	comp=Z,7.0nm,1.1s,baz=86,slow=7.6,SNR=5.5					13 58 46.2	+1.0		
DBIC	comp=Z,5.7nm,1.0s,baz=307,slow=5.5,SNR=2.7								
VRDI	Verde Repeater	98.06	24	IAMS_20	IAMS_20	14 43 16.2			
MCARA	McCarthy VSAT	98.15	24	IAMS_20	IAMS_20	14 43 28.7			
TIC	Toumudi	98.22	278	ePKP1	Pdf	13 54 47.1	+0.4		
LIC	Lamtto	98.29	277	ePKP1	P	13 54 45.6	-1.4		
CRQM	Cirque	98.44	25	IAMS_20	IAMS_20	14 43 13.9			
TGL	Tana Glacier	98.57	25	Iamb	Iamb	13 54 58.4			
TGL	comp=Z,48nm,1.0s								
BALM	Baldy	98.62	24	IAMS_20	IAMS_20	14 43 44.0			
C36M	Paulatuk	98.73	13	Iamb	Iamb	13 54 55.6			
C36M	Paulatuk	98.73	13	P	P	13 54 47.5	-0.3		
ANGG	Ammassalik, Gr	98.85	342	IAMS_20	IAMS_20	14 40 54.6			
CTGM	Chitina Glacie	99.07	24	IAMS_20	IAMS_20	14 43 14.8			
SNAAS	Sanae	99.47	199	P	PKKPbc	14 11 15.6	-1.3		
SNAAS	Sanae	99.47	199	P	Pdf	13 54 50.8	-0.3		
SNAAS	Sanae	99.47	199	P	Pmax	13 54 51.4	+0.3		
SNAAS	comp=Z,52nm,2.0s								
ILULI	Ilulissat	99.61	348	IAMS_20	IAMS_20	14 47 25.2			
PCA	Pinnacle	100.00	24	IAMS_20	IAMS_20	14 43 54.6			
HYT	Haines Junction	100.66	23	IAMS_20	IAMS_20	14 44 23.2			
VNA2	Neumayer-Watz	101.01	199	P	PKKPbc	14 11 12.9	+0.6		
VNA2	Neumayer-Watz	101.01	199	P	Pdf	13 54 59.5	+1.7		
SFJD	Kangerlussuaq	101.33	347	IAMS_20	IAMS_20	14 46 15.6			
SHEL	Horse Pasture	101.62	255	IAMS_20	IAMS_20	14 37 39.9			
VNA3	Neumayr Olymp	101.69	199	P	PKKPbc	14 11 12.3	+2.0		
WHY	Whiteseer	101.77	22	IAMS_20	IAMS_20	14 49 28.4			
SKAG	Skagway	102.37	23	IAMS_20	IAMS_20	14 45 57.3			
BESE	Bessie Mountai	103.12	24	IAMS_20	IAMS_20	14 43 28.1			
JIS	Juneau Island	103.51	24	IAMS_20	IAMS_20	14 43 39.2			
SIT	Sitka	103.89	25	IAMS_20	IAMS_20	14 46 55.6			
NRS	Narsarsuaq	104.48	341	IAMS_20	IAMS_20	14 40 16.6			
DLBO	Dease Lake	105.10	22	IAMS_20	IAMS_20	14 52 19.4			
YKA	Yellowknife Ar	106.59	14	Pdf	Pdf	13 55 22.6	-0.3		
YKA	comp=Z,0.8nm,0.9s,baz=327,slow=7.1,SNR=8.7					13 59 44.9	-2.4		
YKA	comp=Z,7.0nm,0.9s,baz=334,slow=7.1,SNR=13								
ASCN	Ascension	109.34	264	IAMS_20	IAMS_20	14 44 41.2			
LLBL	Lillooet	114.07	24	IAMS_20	IAMS_20	14 53 25.7			
SACH	Santiago Islan	114.41	290	IAMS_20	IAMS_20	14 50 17.7			
SCVO	Schefferville	115.73	348	PKP	PKPpdf	13 59 51.5	+0.5		
SCHO	comp=Z,4.2nm,0.9s,baz=9.1,slow=2.3,SNR=5.6					14 00 51.5	-1.4		
SCHO	comp=Z,16nm,1.1s,baz=33,slow=7.5,SNR=5.0					14 10 26.8	+1.6		
SCHO	comp=Z,1.9nm,0.7s,baz=258,slow=2.1,SNR=8.8								
SCHO	Schefferville	115.73	348	IAMS_20	IAMS_20	14 51 26.2			
B06A	Marblemount	115.84	26	IAMS_20	IAMS_20	14 56 45.6			
FFC	Flin Flin	116.36	10	IAMS_20	IAMS_20	14 59 33.8			
D05A	Enumclaw	116.64	27	IAMS_20	IAMS_20	14 58 06.7			
B08A	Colville Reser	116.87	24	IAMS_20	IAMS_20	14 51 00.7			
PPT2	Papeete2	117.21	106	ePP	PP	14 00 57.6	-7.9		
PPT2	comp=Z,70nm,24.2s								
PPT2	Papeete2	117.21	106	ePS	SS	14 10 41.0	-9.1		
PPT2	comp=Z,4um,25.8s					14 17 05.3	-10		
PPT2	comp=Z,8um,32.2s								
PPT2	Papeete2	117.21	106	eLQ	LQ	14 30 29.7			
PPT2	comp=Z,17um,43.8s								
C09A	Christman Ranch	117.74	24	IAMS_20	IAMS_20	14 51 34.8			
E07A	Sunnyside	118.06	26	IAMS_20	IAMS_20	14 58 14.3			
D08A	Wollman Farm,	118.07	25	IAMS_20	IAMS_20	14 52 15.4			
DRLN	Deer Lake	118.14	339	IAMS_20	IAMS_20	14 54 45.0			
HAWA	Hanford	118.33	26	IAMS_20	IAMS_20	14 58 22.4			
HAWA	Waterton Lakes	118.35	21	IAMS_20	IAMS_20	14 58 32.9			
F07A	Phinny Hill Vi	118.54	27	IAMS_20	IAMS_20	15 01 03.1			
HOPE	Hope Point	119.12	211	IAMS_20	IAMS_20	14 39 24.8			
JTMT	Jette	119.33	22	IAMS_20	IAMS_20	14 55 35.7			
F04D	Umpqua Nationa	119.53	30	P	PKIKP	13 59 54.9	+0.4		
J10A	Beach Ranch, E	119.64	25	IAMS_20	IAMS_20	14 52 37.0			
J05D	Fort Rock, OR	119.92	29	P	PKIKP	14 00 00.4	+0.7		
L04D	Klamath Falls	120.18	31	P	PKIKP	14 00 00.5	+0.3		
M50	Missoula	120.23	22	IAMS_20	IAMS_20	14 56 24.5			
M50A	Missoula	120.23	22	P	PKPpdf	13 59 59.8	-0.3		
BMO	Blue Mountains	120.50	26	IAMS_20	IAMS_20	14 54 36.9			
EGMT	Eggleton	120.63	18	IAMS_20	IAMS_20	14 57 00.0			
EGMT	Eggleton	120.63	18	P	PKIKP	14 00 00.9	+0.1		
M04C	Madcoel	120.74	31	P	PKIKP	14 00 02.1	+0.8		
PMSA	Palmer Station	120.97	191	IAMS_20	IAMS_20	14 56 08.3			
ULM	Lac du Bonnet	121.64	6	PKP	PKPpdf	14 00 01.8	-0.7		
ULM	comp=Z,12nm,0.8s,baz=359,slow=2.6,SNR=23								
ULM	comp=Z,3.4nm,0.7s,baz=141,slow=2.1,SNR=4.6					14 04 04.5	+0.6		
ULM	Lac du Bonnet	121.64	6	IAMS_20	IAMS_20	14 59 46.6			
DGMT	Dagmar	121.78	14	P	PKIKP	14 00 03.1	0.0		
WVOR	Wild Horse Val	121.81	28	IAMS_20	IAMS_20	15 00 39.6			

DLMT	Dillon	121.97	22	IAMS_20	IAMS_20	15 00 43.5			
MATO	Matagami	122.36	354	P	PKPpdf	14 00 03.4	-0.5		
LAO	LASA Array	122.89	17	IAMS_20	IAMS_20	14 59 03.7			
LAO	LASA Array	122.89	17	P	PKPpdf	14 00 04.4	-0.7		
LSQQ	Lebel-sur-Quev	122.98	353	P	PKPpdf	14 00 04.8	-0.3		
RLMT	Red Lodge	123.35	20	IAMS_20	IAMS_20	15 01 39.1			
RLMT	Red Lodge	123.35	20	P	PKIKP	14 00 06.9	+0.5		
D62A	Allappont, All	123.49	346	IAMS_20	IAMS_20	15 01 38.6			
LMN	Caledonia Moun	123.50	343	IAMS_20	IAMS_20	15 03 16.3			
H17A	Gran Village	123.53	21	IAMS_20	IAMS_20	14 50 26.9			
H17A	Grant Village	123.53	21	P	PKIKP	14 00 06.7	+1.7		
AGMN	Agassiz Nation	123.56	8	IAMS_20	IAMS_20	15 00 51.3			
AGMN	Agassiz Nation	123.56	8	P	PKPpdf	14 00 05.6	-0.6		
PQI	Presque Isle	123.62	345	IAMS_20	IAMS_20	15 05 33.8			
D61A	St Aubert, Com	123.63	347	P	PKPpdf	14 00 06.3	-0.1		
FLWY	Flagg Ranch	123.76	21	IAMS_20	IAMS_20	15 01 37.9			
IMW	Indian Meadow	123.83	22	IAMS_20	IAMS_20	15 03 33.9			
E63A	Oxbow	123.96	346	IAMS_20	IAMS_20	15 01 48.1			
VLDQ	Vid'Or	123.97	353	IAMS_20	IAMS_20	14 57 34.5			
LATQ	La Tuque	123.98	349	P	PKPpdf	14 00 07.2	+0.1		
FXWY	Fox Creek	124.02	22	IAMS_20	IAMS_20	15 03 30.9			
YERR	Yerington	124.14	31	IAMS_20	IAMS_20	15 03 31.5			
TPAW	Teton Pass	124.18	22	IAMS_20	IAMS_20	15 02 29.1			
HAL	Halifax	124.21	341	IAMS_20	IAMS_20	15 04 24.4			
D58A	Chemin du Lac2	124.28	349	P	PKPpdf	14 00 07.3	-0.4		
SNOW	Snow King Moun	124.28	22	IAMS_20	IAMS_20	15 03 55.6			
REWD	Red Top Meadow	124.33	22	IAMS_20	IAMS_20	15 02 34.9			
EYMN	Ely	124.39	5	P	PKPpdf	14 00 07.6	-0.3		
E61A	Lac Etchemin	124.43	347	P	PKIKP	14 00 08.2	-0.1		
F64A	Sherman	124.46	345	IAMS_20	IAMS_20	15 06 15.5			
D57A	Chemin Vers le	124.53	350	P	PKPpdf	14 00 07.6	-0.6		
D56A	ZEC Mananza, M	124.64	351	P	PKPpdf	14 00 07.8	-0.6		
AHID	Auburn Hatcher	124.75	23	IAMS_20	IAMS_20	15 02 51.1			
GGN	Saint George	124.75	344	IAMS_20	IAMS_20	14 57 53.3			
D55A	Sainte-Anne-du	124.78	351	P	PKPpdf	14 00 08.7	-0.1		
F63A	Nahmakanta, Br	124.80	346	IAMS_20	IAMS_20	15 02 08.3			
D54A	Lac Fusel, La	124.81	352	P	PKPpdf	14 00 08.3	-0.4		
G65A	Princeton	124.87	344	IAMS_20	IAMS_20	15 01 58.5			
F61A	St Evaste	124.97	347	P	PKIKP	14 00 09.3	-0.1		
D53A	Lac Vacive, Po	125.01	353	P	PKPpdf	14 00 08.3	-0.8		
D53A	Lac Vacive, Po	125.01	353	P	PKPpdf	14 00 08.5	-0.6		
NVAR	Nine Mile Array	125.03	31	PKP	PKPpdf	14 00 09.7	0.0		
NVAR	comp=Z,5.2nm,0.8s,baz=283,slow=1.2,SNR=26								
NVAR	comp=Z,0.7nm,0.8s,baz=150,slow=3.5,SNR=4.0								
NV11	Mina Array Sit	125.11	31	IAMS_20	IAMS_20	14 59 44.3			
D50A	G1974 Best Tow	125.14	355	P	PKPpdf	14 00 08.5	-0.8		
E57A	Chemin Saint G	125.16	350	P	PKPpdf	14 00 09.1	-0.3		
E56A	St. Veronique	125.17	351	P	PKPpdf	14 00 09.0	-0.4		
D51A	Lot 18 Range I	125.17	355	P	PKPpdf	14 00 08.8	-0.6		
F60A	Warwick	125.18	348	P	PKPpdf	14 00 09.4	0.0		
PKME	Peaks-Kenny Pk	125.25	346	IAMS_20	IAMS_20	15 01 44.4			
D48A	Paudash Townsh	125.27	357	P	PKPpdf	14 00 09.1	-0.5		
EMMW	East Machias	125.30	344	IAMS_20	IAMS_20	14 56 45.8			
BW06	Boulder Array	125.31	21	IAMS_20	IAMS_20	15 04 41.1			
BW06	Boulder Array	125.31	21	P	PKPpdf	14 00 09.8	-0.3		
PDAR	Pineale Array	125.31	21	PKP	PKPpdf	14 00 09.8	-0.4		
PDAR	comp=Z,7.2nm,0.9s,baz=36,slow=1.8,SNR=								

21d 13h

Table with columns: PAL, Palisades, 130.34 348, IAMS_20, IAMS_20, 14 59 39.7, etc. Lists various locations and their associated data.

2014 MAR

Table with columns: T59A, Double "B" Far, 134.92 351, IAMS_20, IAMS_20, 15 02 28.7, etc. Lists various locations and their associated data.

1146

Table with columns: BBGH, Gun Hill, 146.74 308, eP, PKIKP, 14 01 03.3 +8.9, etc. Lists various locations and their associated data.

IDC 21 13:44:07.5:0.9,7.85N:94.40E,h0km,mb4.9/11, mb1 5.0/12,mb1mx4.6/53,mbtmp4.9/12,ML4.4/1,MS6.2/4, Ms1 6.2/4,ms1mx5.6/50,Error ellipse: s-maj=40.0km s-min=20.7km az=65.0

ISC 21 13:44:10.7:0.8,7.8N:0.1:94.4E:0.2,h21km,n21, o=070/17,mb5.0/11,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Makanchi Array, Songino Array, Kurchatov Arr, Zalesovo Beam, Warramunga Arr, Borovoye Array, Alice Springs, Yakutsk, Arces Array, NOA, TORD, AFK, INK, RES, ULM, NVAR, PDAR, PLCA, CPUP.

IDC 21 13:49:12.2:10.0,7.38N:94.86E,h0km,mb4.1/6, mb1 4.1/6,mb1mx3.7/48,mbtmp4.1/6,Error ellipse: s-maj=22.4km s-min=7.6km az=138.0

ISC 21 13:49:15.2:7.5N:0.5:94.8E:0.6,h10km,n7, o=147/8,mb4.1/6,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CAMPBELL BAY, Makanchi Array, GEYT, Kurchatov Arr, ZALV, BRTR, FINES, CPUP.

IDC 21 13:50:31.9:1.2,7.76N:94.61E,h0km,mb4.1/10, mb1 4.2/11,mb1mx3.9/50,mbtmp4.1/11,ML3.8/1,Error ellipse: s-maj=64.4km s-min=19.4km az=64.0

NEIC 21 13:50:32.4:2.3,7.54N:0.0:94.3E:0.1,h10km,km, mb4.7/11,Error ellipse: s-maj=20.0km s-min=14.6km az=251.0

ISC 21 13:50:35.1:0.6,7.60N:0.0:94.40E:0.0,h24km,n34, o=184/34,mb4.5/16,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CAMPBELL BAY, PSI, KULM, RPSI, IPM, MYKOM, CMAR, CHTO, LSA, KBL, MK31, MKAR, MSEY, KURB, KURK, ZAAO, ZALV, WRA, WRR, ASAR, NRK, BRTR, ILGA, TIXI, FINES, GERES, NB2, NOA, SYO.

IDC 21 13:52:22.3:0.5,7.55N:0.0:94.31E:0.0,h24km,n38, o=141/34,mb4.5/16,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CAMPBELL BAY, CMBY, CMBY.

Table with columns: CMBY, PSI, RPSI, GSI, PBKT, MYKOM, CMAR, DLV, LKM, LSA, UGM, TBP, NIL, JOW, JOW, PSAO, PSAO, MKAR, MKAR, MKAR, MSEY, SONM, GEYT, GEYT, GYAO, GYAO, KURB, KURK, KURK, ZALV, WRA, WRA, WRA, BVAR, RAYN, RAYN, ASAR, BRTR, FINES, BOSA, BOSA, GERES, NOA, CPUP.

DDA 21 13:53:00.9:38.54N:44.03E,h7km,5km,ML2.4

ISK 21 13:53:04.5:38.56N:43.67E,h15km,ML2.6/5

ISC 21 13:53:01.9:1.4,38.52N:0.0:43.88E:0.05,h12km,9km, n12,o=111/22,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like TVAN, TVAN, TVAN, VANB, VANB, BASK, BASK, VMUR, VMUR, VMUR, CLDR, CLDR, GEVA, GEVA, AKDM, AKDM, HAKT, HAKT, HAKT, HAKT, AGRB, AGRB, GURO, GURO, GIRT, GIRT, SRTM, SRTM, SRTM, SRTM.

IDC 21 13:53:06.5:5.7,7.03N:94.70E,h0km,mb4.2/10, mb1 4.3/10,mb1mx3.9/48,mbtmp4.2/10,Error ellipse: s-maj=125.5km s-min=52.9km az=142.0

NEIC 21 13:53:08.7:2.2,7.0N:0.1:94.5E:0.2,h10km,2km, mb4.6/12,Error ellipse: s-maj=26.2km s-min=20.6km az=255.0

ISC 21 13:53:11.7:1.1,7.1N:0.2:94.5E:0.1,h26km,n33, o=152/30,mb4.5/16,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Sadao Pong, Chiang Mai Arr, CMAR, LSA, LSA, KNRA, MK31, MKAR, MKAR, MKAR, SONM, GEYT, GEYT, KURB, KURK, KURK, ZAAO, ZAAO.

Table with columns: ZALV, ZALV, RAYN, RAYN, BVAR, ABKAR, ABKAR, BRTR, BRTR, BTRX, BTRX, TIXI, TIXI, FINEA, FINEA, FINES, FINES, GERES, GERES, NB2, NB2, NOA, NOA.

NEIC 21 13:54:33.0:2.6,7.8N:0.1:94.71E:0.07,h10km,1km, mb4.9/7,Error ellipse: s-maj=17.8km s-min=10.7km az=163.0

IDC 21 13:54:33.0:2.6,7.81N:94.80E,h0km,mb4.1/19, mb1 4.2/20,mb1mx4.0/51,mbtmp4.1/20,ML3.7/1,Error ellipse: s-maj=24.6km s-min=17.3km az=55.0

ISC 21 13:54:34.7:0.5,7.8N:0.1:94.8E:0.1,h10km,n46, o=194/37,mb4.2/20,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CAMPBELL BAY, CMBY, CMBY, KULM, KULM, PSI, PSI, RPSI, RPSI, IPM, IPM, CMAR, CMAR, H0BS3, H0BS3, H0BS2, H0BS2, WSAR, WSAR, MK31, MK31, MKAR, MKAR, SONM, SONM, SONM, SONM, GEYT, GEYT, GEYT, GEYT, KURB, KURB, KURK, KURK, ZALV, ZALV, WRA, WRA, WRA, WRA, BVAR, BVAR, ASAR, ASAR, ARU, ARU, ARU, ARU, KMBO, KMBO, BRTR, BRTR, PETK, PETK, FINES, FINES, ARCES, ARCES, ARCES, ARCES, BOSAS, BOSAS, BOSA, BOSA, DPC, DPC, GERES, GERES, KHC, KHC, NB2, NB2, NOA, NOA, SYO, SYO, TORD, TORD, NVAR, NVAR, PDAR, PDAR.

IDC 21 13:56:39.0:0.6,7.60N:94.85E,h0km,mb4.2/23, mb1 4.3/23,mb1mx4.1/49,mbtmp4.2/23,Error ellipse: s-maj=25.0km s-min=15.0km az=55.0

NEIC 21 13:56:40.3:2.7,7.3N:0.1:94.21E:0.06,h10km,1km, mb4.8/11,Error ellipse: s-maj=20.4km s-min=6.1km az=204.0

ISC 21 13:56:42.8:0.5,7.39N:0.0:94.46E:0.07,h24km,n57, o=180/55,mb4.3/28,4C-4D,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CAMPBELL BAY, CMBY, CMBY, LHMI, LHMI, PSI, PSI, RPSI, RPSI, KULM, KULM, IPM, IPM, PBKT, PBKT, CMAR, CMAR, LSA, LSA, WSA, WSA, AAK, AAK, FITZ, FITZ, FITZ, FITZ, MK31, MK31, MKAR, MKAR, SONM, SONM, GEYT, GEYT.

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Table with columns: Station, Name, Frequency, Mode, Power, and other parameters. Includes stations like NWA0 Narrogin (SRO), BRZ5 Berezinski, ZAA0 Zalesovo Array, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other parameters. Includes stations like ASF Jabal al Asfar, LOKD Lodwar, EIL Elat, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other parameters. Includes stations like DRGR Vasula, VSU Vasula, FNA Florina, etc.

21d 14h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MAW, KBA, FBE, CLL, WET, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like TOR, ESD, PAB, TOLK, VDA, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like LRM, I59A, ECSD, O20A, etc.

Additional information including coordinates (e.g., 143:28.0, 1.2, 7:40N-94:16E) and station identifiers (e.g., h0km, mb4.5/15).

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like NWAOW Narrogin (SRO), ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, WBO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like WBJ2 Matsuhiro Arr, MJAR Matsuhiro Arr, BVAR Borovoye Array, etc.

IDC 21 14:16:20.6:1.3, 7.54N-93.97E, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.8/52, mbtmp4.0/9, Error ellipse: s-maj=70.2km s-min=22.2km az=50.0

IDC 21 14:18:02.6:0.5, 7.56N-94.26E, h0km, mb4.4/26, mb1 4.5/27, mb1mx4.3/52, mbtmp4.4/27, ML4.2/1, Error ellipse: s-maj=17.2km s-min=12.6km az=50.0

IDC 21 14:18:03.6:1.9, 7.56N-94.08E, h0km, mb4.0/10, h10km, mb4.8/12, Error ellipse: s-maj=29.0km s-min=13.8km az=243.0

ISC 21 14:16:22.4:0.6, 7.60N-92.07E, h1.0, h18km, n29, r156/27, mb4.4/14, 1D, Nicobar Islands region

ISC 21 14:18:06.0:0.4, 7.51N-94.30E, h2km, n95, r159/34, mb4.5/37, 1D, Nicobar Islands region

ISC 21 14:18:06.0:0.4, 7.51N-94.30E, h2km, n95, r159/34, mb4.5/37, 1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like CMBY CAMPBELL BAY, LHMJ Lhok Sumawe, PBA Port Blair, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like CMBY CAMPBELL BAY, LHMJ Lhok Sumawe, PBA Port Blair, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like TORI Torodi Arr, SKTD Skwentna, NVAR Mina Arua, etc.

IDC 21 14:17:09.7:0.6, 7.56N-94.25E, h0km, mb4.3/20, mb1 4.4/21, mb1mx4.1/52, mbtmp4.2/21, ML6.3/1, Error ellipse: s-maj=23.7km s-min=15.1km az=53.0

IDC 21 14:17:11.7:2.0, 7.48N-94.03E, h1km, mb4.6/10, Error ellipse: s-maj=12.7km s-min=3.0km az=79.0

IDC 21 14:20:32.7:1.8, 7.25N-93.49E, h0km, mb4.1/11, mb1 4.2/13, mb1mx3.9/50, mbtmp4.1/13, ML3.9/2, Error ellipse: s-maj=29.9km s-min=29.9km az=145.0

ISC 21 14:17:12.8:0.5, 7.56N-94.22E, h2km, n50, r158/48, mb4.4/22, Nicobar Islands region

ISC 21 14:17:12.8:0.5, 7.56N-94.22E, h2km, n50, r158/48, mb4.4/22, Nicobar Islands region

ISC 21 14:17:12.8:0.5, 7.56N-94.22E, h2km, n50, r158/48, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like CMBY CAMPBELL BAY, CMBY CMBY, PSI Prapat, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like CMBY CAMPBELL BAY, CMBY CMBY, PSI Prapat, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like SNART Snartemo, BLS5 Blasjo, KMY Karmoy, etc.

PRU 21 14:20:52.0:0.0, 50.27N-12.49E, h0km, West Bohemia

WBNET 21 14:20:51.5:0.24N-12.46E, h6km, MIO.5, SC-6D, Germany

PRU 21 14:20:52.0:0.0, 50.27N-12.49E, h0km, West Bohemia

21d 14h

Table with columns: STCW, Station Name, Time, Res, and other parameters. Includes stations like KVC Kvetna, VAC Vackov, POCW Potky, etc.

IDC 21 14:23:56.71.7, 7.32N, 94.06E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.6/53, mbtmp3.9/9, ML4.3/1, Error ellipse: s-maj=53.1km s-min=28.3km az=58.0

NEIC 21 14:23:58.4.1.8, 7.38N, 0.09, 94.2E, 0.1, h10km, 1km, mb4.4/8, Error ellipse: s-maj=19.1km s-min=14.2km

ISC 21 14:24:00.3.0.8, 7.4N, 0.1, 94.2E, 0.1, h20km, n27, s=198.27, mb4.1/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations in the Nicobar Islands region like LHMI Lhok Sumawe, KULM Kulim, etc.

NEIC 21 14:24:23.6.2.4, 7.7N, 0.1, 93.6E, 0.1, h10km, 1km, mb4.7/19, Error ellipse: s-maj=18.5km s-min=17.1km

IDC 21 14:24:24.2.5.6, 7.64N, 93.44E, h0km, mb4.1/10, mb1 4.1/10, mb1mx3.8/53, mbtmp4.1/10, Error ellipse: s-maj=120.2km s-min=48.5km az=144.0

ISC 21 14:24:24.0.0.6, 7.7N, 0.1, 93.68E, 0.09, h10km, n38, s=194.37, mb4.5/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations in the Nicobar Islands region like PBKT Sadao Pong, PALK Pallekele, etc.

IDC 21 14:25:07.8.0.4, 7.52N, 94.11E, h0km, mb4.7/40, mb1 4.8/43, mb1mx4.7/55, mbtmp4.7/43, ML4.9/3, MS5.1/2, Ms1 5.1/2, ms1mx4.2/44, Error ellipse: s-maj=13.1km

BUI 21 14:25:07.4.0.0, 7.28N, 94.09E, h16km, mb5.9/8, mb4.8/3, MS5.7/23, Ms7 5.4/23

MOS 21 14:25:08.1.2, 7.52N, 94.16E, h16km, mb5.4/45, Error ellipse: s-maj=8.7km s-min=4.4km az=113.4

2014 MAR

NEIC 21 14:25:08.9.2.2, 7.50N, 0.07, 94.19E, 0.08, h10km, 1km, mb5.2/71, Error ellipse: s-maj=13.5km s-min=11.3km

DJI 21 14:25:10.5.1.9, 7.50N, 94.35E, h10km, mb5.0, PHAT 21 14:25:10.6.0.2, 8.1N, 3.9.4E, h10km, M5.4/48, mb5.2/48, mb5.7/2, MLV5.5/5, Mw(mB)5.2/4, Mwp6.5/1

KLM 21 14:25:12.0.7, 7.49N, 94.36E, h10km, mb5.4, BGR 21 14:25:13.8.0.0, 7.50N, 93.89E, h33km, mb5.1

GCMT 21 14:25:13.9.0.2, 7.57N, 0.01, 94.35E, 0.01, h15km, 1km, MW5.5/137, Moment Tensor Location: s23, c26; s137, c228; Duration: 1s; Moment tensor: Scale 1017

ISC 21 14:25:10.4.0.8, 7.46N, 0.10, 94.21E, 0.04, h17km, 4km, n472, s165/477, mb5.1/48, 19C-27D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations in the Nicobar Islands region like CMBY CAMPBELL BAY, LHMI Lhok Sumawe, etc.

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Table with columns: SPM, Station Name, Time, Res, ISC, and other parameters. Lists various stations like SPM Sapulut, GYA Guiyang, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BJ Beijing, PDGK Podgornoye, SMDO Samad, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MDJ Mudanjang, WR0 Warramunga Arr, USRK Ussuriysk Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2 Magadan, TLCR Tigrisor, AKASG Malin Array Be, etc.

21d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kasperse Hory, Koelnbreinspre, Collim, Wattenberg, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RPSI, KULM, CHTO, etc. and sections for Nicobar Islands region and Northwestern Balkan Peninsula.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VISJ, CMBY, LMSI, etc. and sections for Nicobar Islands region and Northwestern Balkan Peninsula.

Table with columns: BRTR, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Keskin Array B, Keskia Array B, Keskia Array S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NORES NORESS Array B, NORES, NB2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMBY CAMPBELL BAY, CMBY, LHMJ, etc.

21d 14h

Table of station data for 21d 14h, including call signs like SONM, KSRs, GEYT, and various frequencies and power levels.

2014 MAR

Main table of station data for 2014 MAR, listing stations like KSP, BRG, GERES, NB2, and their respective frequencies and power levels.

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Table of station data for 1160, including stations like TARZ, URZ, QWZ, and various frequencies and power levels.

PDAR Piedale Array 125.47 20 PKP PKIKP 15 12 07.5 +0.7
comp=2.0,4nm,0.6s,baz=204,slow=2.0,SNR=3.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PKGZ Pakihiroa, HAZ Te Kaha, PUKZ Puketiti, etc.

WEL 21 14:55:49.9:0.6,35'S:10°18'0W:2.3,h428km,6km,
ML4.7/2,MLV4.0/12, South of Kermadec Islands

NEIC 21 15:00:30.0:1.5,5:59S:0:08:152.2E:0.1,h59km,10km,
mb4.3/16,Error ellipse: s-maj=17.8km s-min=10.7km
az=107.0

ICD 21 15:00:31.0:4.0,5:62S:152.22E,h59km,31km,mb3.6/4,
mb1 3.9/5,mb1mx3.4/46,mbtmp3.9/5,ML2.2/1,Error
ellipse: s-maj=59.7km s-min=11.4km az=117.0

ISC 21 15:00:28.3:0.7,5:65S:0:06:152.4E:0.1,h40km,n28,
s185/29,mb4.1/12,New Britain region

Main table for station data, including stations like KRVT Keravat, RABL Raul, PMG Port Moresby, etc.

SOME 21 15:03:15.3,41.35N:68.95E,h10km
ISU 21 15:03:15.4,41.43N:68.97E,h10km
NCC 21 15:03:17.3,41.41N:69.09E,h11km,6km,mb3.7,
mpv3.4,Error ellipse: s-maj=7.1km s-min=6.2km az=99.0

ISC 21 15:03:15.5:1.2,41.48N:68.97E,h10km,
n31,-2870/40,1C-3D,Central Kazakhstan

Main table for station data, including stations like TAS Tashkent, TGS TashGRES, CHR Charvak, etc.

Main table for station data, including stations like AAK 7.0nm,0.8s, USP Ospanovka, CHMS Chumysh, etc.

ICD 21 15:03:22.6:4.0,20:93S:70:36W,h0km,mb3.6/1,
mb1 3.6/2,mb1mx3.4/24,mbtmp3.5/2,ML3.4/1,Error
ellipse: s-maj=145.6km s-min=65.1km az=102.0

GUC 21 15:03:27.9:0.1,19:93S:70:75W,h21km,4km,ML3.6
ISC 21 15:03:25.7:1.5,19:91S:0:03:70:73W:0.07,h14km,9km,
n15,+109/28,3C-5D,Near coast of northern Chile

Main table for station data, including stations like PISC Pisagua, TA01 Diego Aracena, PB12 IPOC Station P, etc.

ICD 21 15:09:06.9:0.8,7:78N:94:52E,h0km,mb4.2/14,
mb1 4.3/14,mb1mx4.0/42,mbtmp4.2/10,Error ellipse:
s-maj=27.8km s-min=21.1km az=50.0

NEIC 21 15:09:07.2:2.8,7:71N:0:09:94.6E:0.1,h10km,1km,
mb4.5/12,Error ellipse: s-maj=19.3km s-min=12.6km
az=236.0

ISC 21 15:09:09.8:0.5,7:72N:0:09:94.66E:0:09,h24km,n33,
s192/29,mb4.4/19,Nicobar Islands region

Main table for station data, including stations like CMBY CAMPBELL BAY, LHMI Lhok Sumawe, GSI Gunungsitoli, etc.

Main table for station data, including stations like KKN Kakani, LSA Lhasa, GKN Gorkh, etc.

TORD Torodi Ar. Bea 91.13 283 Iamb Iamb 15 22 14.7
CPUP Villa Florida 147.57 232 PKPbc PKPbc 15 28 53.6 +0.7

WRA 0.6nm,0.6s,baz=150,slow=6.1,SNR=2.3
Warrunganga Arr 47.97 125 P 15 27 37.9 +0.4

WB0 Warrunganga Arr 47.67 125 P Iamb Iamb 15 33 13.0 +2.8
WB0 comp=Z,5.0nm,1.2s 47.72 126 P Iamb Iamb 15 33 13.7 +3.1

IDC 21 15:10:19.6:0.9,7.31N,94.05E,h0km,mb4.0/14,
mb1.4/16,mb1mx3.9/42,mbtmp3.4/4, Error ellipse: s-maj=399.2km

IDC 21 15:19:57.7:7.8,7.85N,94.61E,h0km,mb3.4/4,mb1.3/5/4,
mb1mx3.9/54,mbtmp3.4/4, Error ellipse: s-maj=399.2km

NIC 21 15:24:45.4:0.0,37.12N,28.24E,h0km,1km,M13.7/3
ATH 21 15:24:48.0,37.00N,28.33E,h28km,1km,M13.3/6, Error
ellipse: s-maj=1.9km s-min=1.0km az=168.0

Code Station Name Az AZZ Phase ID Time Res
CMBY CAMPBELL BAY 0.58 221 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
CMBY CAMPBELL BAY 0.65 205 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

H08S3 Diego Garcia H 26.42 236 T T 15 42 46.1
H08S2 Diego Garcia H 26.42 236 T T 15 42 39.4

IDC 21 15:22:28.7:2.6,7.65N,94.40E,h0km,mb3.5/2,mb1.3/6/4,
mb1mx3.5/56,mbtmp3.5/4,M13.6/1, Error ellipse:
s-maj=88.0km s-min=32.2km az=60.0,Nicobar Islands
region

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

SOMM Songoing Array 41.54 12 P P 15 18 10.8 +1.2
SOMN Songoing Array 41.54 12 P P 15 18 09.3 -0.3

IDC 21 15:22:59.6:1.0,7.57N,94.05E,h0km,mb3.8/10,
mb1.3/12,mb1mx3.7/57,mbtmp3.8/12,ML3.8/12, Error
ellipse: s-maj=34.5km s-min=18.1km az=59.0

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

WRA Warrunganga Arr 47.88 125 P Iamb Iamb 15 19 00.8 +0.4
WRA Warrunganga Arr 47.88 125 Iamb Iamb 15 19 07.0

Code Station Name Az AZZ Phase ID Time Res
LHMI Lhok Sumawe 3.54 131 Pn Pn 15 23 54.8 -1.3

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

ASAR Alice Springs 49.52 130 P P 15 19 13.4 +0.4
ASAR Alice Springs 49.52 130 P P 15 19 13.4 +0.4

IDC 21 15:24:20.4:2.5,7.41N,94.11E,h0km,mb3.5/4,mb1.3/6/5,
mb1mx3.3/39,mbtmp3.4/5,ML3.7/11, Error ellipse:
s-maj=92.4km s-min=25.9km az=63.0

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
CMBY CAMPBELL BAY 0.58 214 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
LHMI Lhok Sumawe 3.28 133 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
CMBY CAMPBELL BAY 0.64 212 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
LHMI Lhok Sumawe 3.28 133 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
CMBY CAMPBELL BAY 0.64 212 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
LHMI Lhok Sumawe 3.28 133 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
CMBY CAMPBELL BAY 0.64 212 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
LHMI Lhok Sumawe 3.28 133 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
YER Yerkesik 0.16 349 Op ISC h m s ISC

21d 15h

Table with columns: Code, Station Name, Az, El, P, R, S, I, C, Time, Res. Includes stations like WRO Warramunga Arr, USA0B Ussuriysk Arr, RAYN Ar Rayn, etc.

2018 MAR

Table with columns: Code, Station Name, Az, El, P, R, S, I, C, Time, Res. Includes stations like CPUP Villa Florida, IDC 21 15:46:05.4, etc.

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Table with columns: MDRS, Code, Station Name, Az, El, P, R, S, I, C, Time, Res. Includes stations like MDRS comp=Z,2.21nm,1.0s, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONGINGO Array, ULN Ulanbaatar, DGZ Jazator, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LBTB Lobatse, VYH Yhne, YVES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 0.3nm,0.9s,baz=304,slow=7.8,SNR=2.5, IDC 21 16:08:45.0,9,36.28Nk137.28E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RPSI Rantau Prapat, KULM Kulim, IPM Ipoh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOMM Songoing Array, GEYT Alibek, KURT Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like T35A Sooner Cattle, T35A Winter Ranch, U32A Long Quarter, etc.

IDC 21 16:58:20.4, 2.6, 7.55N, 94.15E, h0km, mb3.4/4, mb1 3.4/5, mb1mx3.2/49, mbtmp3.3/5, Error ellipse: s-maj=85.4km

IDC 21 17:13:54.6, 1.1, 7.07N, 94.05E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/40, mbtmp3.7/8, ML4.2/1, Error ellipse: s-maj=56.0km

IDC 21 17:13:54.6, 1.1, 7.07N, 94.05E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/40, mbtmp3.7/8, ML4.2/1, Error ellipse: s-maj=56.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

IDC 21 17:05:19.2, 1.1, 7.40N, 94.17E, h0km, mb3.9/10, mb1 4.0/12, mb1mx3.8/53, mbtmp3.9/12, ML3.8/2, MS3.9/4, Ms1 3.9/4, ms1mx3.4/58, Error ellipse: s-maj=41.6km

IDC 21 17:05:20.8, 3.0, 7.55N, 0.08:94.5E:0.1, h12km, 4km, mb4.5/16, Error ellipse: s-maj=16.0km

IDC 21 17:05:20.8, 3.0, 7.55N, 0.08:94.5E:0.1, h12km, 4km, mb4.5/16, Error ellipse: s-maj=16.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

JMA 21 17:26:56.9, 32.35N, 132.12E, h17km, 1km, M0.8, Shikoku

JMA 21 17:26:56.9, 32.35N, 132.12E, h17km, 1km, M0.8, Shikoku

JMA 21 17:26:56.9, 32.35N, 132.12E, h17km, 1km, M0.8, Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I30JP ISUMI INFRASON, I45RU USSURIYSK INFR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I30JP ISUMI INFRASON, I45RU USSURIYSK INFR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I30JP ISUMI INFRASON, I45RU USSURIYSK INFR, etc.

BGR 21 17:31:56.6, 0.0, 39.31N, 64.40E, h33km, mb4.4, NNC 21 17:31:59.9, 1.4, 40.39N, 63.06E, h0km, 10km, mb4.6, mp4.5, Error ellipse: s-maj=14.8km

ISC 21 17:32:04.4,0.8,40.34N,0.04-63.10E,0.03,h13km,4km, n477,c18/84/510,mb4.7/145,42C-43D,Northwestern Uzbekistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station-specific data. Includes stations like ASHT Ashkhabad, GEYT, GYA0B ALIBECK ARRAY, etc.

Table with columns: BRVK, Time, Residual, and other data. Includes stations like Borovoye, Delisi, Gani, GNI, etc.

Table with columns: ILGA, Time, Residual, and other data. Includes stations like Phulchoki, Ar Rayn, Keskin Array B, etc.

MFID	Camas Ranch	14.06 354	Pn	Pn	17 40 20.5 +2.0
KHMM	Horse Mountain	13.05 326	Pn	Pn	17 40 19.2 +0.5
M02C	Callahan	13.05 329	P	Pn	17 40 19.7 +1.1
REDW	Red Top Meadow	13.16 10	Pn	Pn	17 40 21.6 +1.3
YBH	Yreka Yreka Hor	13.27 331	Pn	Pn	17 40 25.0 +3.4
YBH	comp=E,0.1nm,0.3s,baz=139,slow=9.1,SNR=5.3		LR	LR	17 45 54.2
YBH	comp=E,518nm,18.3s,baz=152,slow=39		LR	LR	
YBH	Yreka Blue Hor	13.27 331	Pn	Pn	17 40 25.6 +4.1
TPAW	Teton Pass	13.27 10	Pn	Pn	17 40 22.4 +0.6
SNOW	Snow King Mtn	13.27 11	Pn	Pn	17 40 20.7 -1.2
J08A	Circle Bar Ran	13.38 346	Pn	Pn	17 40 20.9 -2.2
FXWY	Fox Creek	13.40 10	Pn	Pn	17 40 24.4 +0.8
L04D	Klamath Falls	13.51 333	P	Pn	17 40 24.6 -0.3
WMOK	Wichita Mounta	13.58 68	Pn	Pn	17 40 26.2 +0.4
K22A	Casper	13.61 24	Pn	Pn	17 40 28.1 +1.8
IMW	Indian Meadow	13.67 10	Pn	Pn	17 40 28.7 +1.4
FLWY	Flagg Ranch	13.89 10	Pn	Pn	17 40 34.5 +4.3
U32A	Winter Ranch	13.90 61	Pn	Pn	17 40 31.2 +1.0
J05D	Fort Rock, OR	14.05 338	P	Pn	17 40 32.5 +0.1
YPP	Pitchstone Pla	14.06 10	P	P	17 40 37.2 -3.3
HUMO	Hull Mountain	14.09 332	Pn	P	17 40 37.0 -3.6
435B	Jarrell	14.19 84	P	P	17 40 37.3 -1.1
H17A	Grand Village	14.21 10	P	P	17 40 38.6 +4.0
735A	Kenedy	14.22 92	P	P	17 40 38.8 -3.2
WHTX	Lake Whitney,	14.30 39	Pn	Pn	17 40 38.0 +2.4
I07A	Izee	14.30 344	Pn	Pn	17 40 39.8 -3.1
X04A	Smith Ranch, M	14.31 69	Pn	Pn	17 40 35.4 -0.4
LKWY	Lake	14.41 11	Pn	Pn	17 40 41.1 +3.8
MCMT	McKenzie Canyo,	14.41 31	Pn	Pn	17 40 41.6 -2.7
PINE	Pine Mountain	14.42 340	Pn	Pn	17 40 40.4 +3.0
YMR	Madison River	14.43 9	Pn	Pn	17 40 40.9 +3.3
CBKS	Cedar Bluff	14.44 51	Pn	Pn	17 40 37.4 -0.2
VHB	Horse Base	14.48 8	Pn	Pn	17 40 42.4 +3.2
YNR	Norris Junction	14.50 10	Pn	Pn	17 40 42.9 +5.0
QLMT	Earthquake Lak	14.53 7	P	P	17 40 42.7 -2.9
YUF	Upper Falls	14.53 10	Pn	Pn	17 40 42.9 -2.8
YHH	Holmes Hill	14.56 9	Pn	Pn	17 40 41.8 +2.4
Z35A	Perchaven, San	14.57 74	Pn	Pn	17 40 38.4 -0.9
VHL	Hebgen Lake	14.58 8	Pn	Pn	17 40 41.1 +1.4
YMP	Mirror Lake Pl	14.62 31	Pn	Pn	17 40 41.8 +1.6
BMO	Blue Mountains	14.63 351	Pn	Pn	17 40 43.3 +3.1
FNO	Franklin	14.80 67	Pn	Pn	17 40 43.5 +1.0
YNE	Yellowstone No	14.90 11	Pn	Pn	17 40 45.4 +1.3
R02A	Long Quarter,	14.95 34	Pn	Pn	17 40 48.4 -1.7
DLMT	Dillon	14.97 4	Pn	Pn	17 40 47.9 +2.9
RLMT	Red Lodge	15.15 13	Pn	Pn	17 40 49.6 +2.3
W35A	Tecumseh	15.20 67	Pn	Pn	17 40 49.8 +2.0
G08A	Pilot Rock	15.33 347	P	Pn	17 40 51.9 +2.3
H04A	Detroit Lake	15.61 338	P	Pn	17 40 55.6 -1.8
H04A	comp=Z,91nm,1.3s		Iamb	Iamb	17 41 08.2
G06A	Carlson Farm,	15.66 343	P	Pn	17 40 55.3 +1.4
Z37A	Washetta, Mont	15.70 80	P	Pn	17 40 57.6 -0.8
Z37A	comp=Z,64nm,1.4s		Iamb	Iamb	17 41 12.9
F10A	Beach Ranch,	15.72 352	P	Pn	17 40 55.8 +1.2
GCMT	Greycliff	15.72 11	P	Pn	17 40 55.9 +1.2
HKT	Hockley	15.77 87	P	Pn	17 40 56.3 +1.1
HKT	comp=Z,84nm,1.9s		Iamb	Iamb	17 41 21.2
RSSD	Black Hills	15.81 27	Pn	Pn	17 40 56.1 +0.2
COR	Corvallis	15.91 335	P	Pn	17 40 57.8 +0.9
COR	comp=Z,134nm,1.8s		Iamb	Iamb	17 41 30.3
T35A	Sooner Cattle	15.97 61	P	P	17 41 00.0 +2.2
F07A	Phinny Hill Vi	16.11 345	P	P	17 41 02.6 -0.3
F07A	comp=Z,115nm,1.7s		Iamb	Iamb	17 41 15.7
TUL1	Leonard	16.23 66	P	Pn	17 41 03.2 +2.0
X37A	Clayco	16.23 66	P	Pn	17 41 03.2 +2.0
E09A	Wood Farm, Sta	16.37 350	P	Pn	17 41 05.3 +1.4
MSO	Missoula	16.38 0	P	Pn	17 41 05.3 -0.7
MSO	Missoula	16.38 0	P	Pn	17 41 04.0 +0.9
Z38A	Mt. Pleasant	16.45 75	P	Pn	17 41 05.6 +1.6
Z38A	comp=Z,88nm,1.2s		Iamb	Iamb	17 41 25.0
HAWA	Hanford	16.50 347	P	Pn	17 41 05.7 +1.1
E08A	Dider Farm, El	16.50 348	P	Pn	17 41 05.7 +1.1
NATX	Nacogdoches	16.57 80	Iamb	Iamb	17 41 11.0 +1.8
NATX	comp=Z,61nm,1.1s		Iamb	Iamb	17 41 26.5
E07A	Sunnyside	16.73 346	P	P	17 41 09.0 -0.7
F04A	Amboy	16.80 339	P	P	17 41 09.9 -0.6
D08A	William Farm,	17.03 349	P	P	17 41 13.6 +0.5
F03A	Seaside	17.16 337	Iamb	Iamb	17 41 17.5 +2.9
F03A	comp=Z,75nm,0.8s		Iamb	Iamb	17 41 22.9
K31A	O'Neill	17.27 41	P	P	17 41 17.0 +1.2
LAO	LASA Array	17.34 18	P	P	17 41 15.0 -0.2
LAO	LASA Array	17.34 18	P	P	17 41 13.4 -1.8
E04D	Cinebar	17.41 340	P	Pn	17 41 13.8 -2.2
U38A	Gravette	17.47 65	P	Pn	17 41 15.1 -1.7
LTY	Liberty	17.57 345	P	Pn	17 41 19.0 -0.1
C09A	Chrisman Ranch	17.65 351	P	P	17 41 19.4 +0.4
E03A	Lebam	17.71 338	P	P	17 41 22.2 +1.6
E03A	comp=Z,65nm,0.9s		Iamb	Iamb	17 41 29.4
MIAR	Mount Ida	17.75 71	P	Pn	17 41 18.9 -1.5
HHAR	Hobbs	17.78 66	P	Pn	17 41 17.4 -3.3
EGMT	Eagleton	17.88 9	P	Pn	17 41 21.8 -0.1
NEW	Newport	17.97 353	P	P	17 41 24.6 +1.1
NEW	comp=Z,0.3nm,0.3s,baz=178,slow=12,SNR=12		LR	LR	17 48 37.7
NEW	comp=Z,1um,19.0s,baz=179,slow=38		LR	LR	
NEW	Newport	17.97 353	P	Pn	17 41 20.6 -2.3
441A	DeRidder	17.97 84	P	P	17 41 24.4 +0.7
WLAR	White Oak Lake	18.05 74	P	Pn	17 41 23.3 -0.7
Z41A	Richland Creek	18.27 76	P	Pn	17 41 28.7 +1.7
Z41A	comp=Z,53nm,0.8s		Iamb	Iamb	17 41 45.6
SUSD	Miller	18.38 36	P	Pn	17 41 25.9 -2.2
D03D	Eldon	18.45 340	P	Pn	17 41 29.2 +0.4
WALA	Waterton Lakes	18.61 0	P	Pn	17 41 32.6 +1.7
WALA	comp=Z,72nm,1.5s		Iamb	Iamb	17 41 46.9
S39A	Bolivar	18.62 62	P	P	17 41 30.3 -0.5
342A	Flagon Creek P	18.67 82	P	P	17 41 30.2 -1.1
UALR	University of	18.79 71	Pn	Pn	17 41 34.0 +0.9
W41B	Gary Mavity, V	18.93 70	P	Pn	17 41 32.6 -1.5
W41B	comp=Z,80nm,2.0s		Iamb	Iamb	17 42 07.5
W41B	Gary Mavity, V	18.93 70	P	P	17 41 31.8 -2.3
TLIG	Tlappa	19.06 129	P	P	17 41 38.3 +1.7
ECSD	EROS Data Cent	19.18 41	P	P	17 41 36.9 0.0
MGMO	Mountain Grove	19.29 64	P	P	17 41 36.8 -1.3
143A	Soes Landing,	19.43 77	P	Pn	17 41 40.3 +0.7
143A	comp=Z,58nm,1.0s		Iamb	Iamb	17 42 13.2
DGMT	Dagmar	19.53 20	P	P	17 41 41.0 +0.3
PGC	Sidney	19.56 341	P	Pn	17 41 42.0 -0.2
PGC	comp=Z,45nm,1.3s		Iamb	Iamb	17 41 56.7
R40A	Maddies Statio	19.59 61	P	P	17 41 42.3 +0.9
LCAR	Lake Charles	19.95 68	P	P	17 41 45.1 -0.1
344A	Westbrook Farm	20.03 81	P	P	17 41 47.0 +0.8
142A	Van Buren	20.18 65	P	P	17 41 48.1 -0.3
CCM	Cathedral Cave	20.30 62	P	P	17 41 49.3 +0.1
MDND	Maddock	20.64 28	P	P	17 41 53.3 +0.7
MDND	comp=Z,54nm,1.0s		Iamb	Iamb	17 42 12.4
Y45A	Yeager Farm, C	21.02 74	P	P	17 41 56.9 0.0
346A	Big Creek Wild	21.11 81	P	P	17 41 58.3 +0.3
I37A	Lemond, Waseca	21.24 45	P	P	17 42 00.2 +0.9
HALT	Halls	21.38 69	P	P	17 42 01.2 +0.4
W45A	Hickory Valley	21.41 71	P	P	17 42 02.9 +1.8
W45A	comp=Z,18nm,0.6s		Iamb	Iamb	17 42 18.1
L40A	Anamosa	21.70 51	P	P	17 42 04.0 -0.2
L40A	comp=Z,25nm,0.9s		Iamb	Iamb	17 42 06.2

S44A	Carbondale	21.75 64	P	P	17 42 02.4 -2.4
CMIG	Matias Romero	21.96 123	P	P	17 42 07.8 +0.7
P43A	comp=Z,12nm,0.8s,baz=315,slow=9.6,SNR=11		LR	LR	17 50 49.0
P43A	Skaggs, Pawnee	22.04 59	P	P	17 42 08.5 +0.7
P43A	comp=Z,50nm,1.4s		Iamb	Iamb	17 42 12.1
Q44A	Meyer Farm, Va	22.21 61	P	P	17 42 08.6 -1.1
Q44A	comp=Z,78nm,1.8s		Iamb	Iamb	17 42 11.8
Z47A	Carrollton	22.24 76	P	P	17 42 10.0 0.0
WWT	Waverly	22.62 68	P	P	17 42 15.4 +1.3
WWT	comp=Z,39nm,1.4s		Iamb	Iamb	17 42 41.8
AGMN	Agassiz Nation	22.62 33	P	P	17 42 13.4 -0.6
L42A	Oliver, Polo	22.74 53	P	P	17 42 14.3 -1.0
L42A	comp=Z,42nm,1.4s		Iamb	Iamb	17 42 36.1
OLIL	Mansfield	22.87 62	P	P	17 42 15.2 -1.4
Q44A	Mansfield	22.96 58	P	P	17 42 16.8 -0.8
Q44A	comp=Z,46nm,1.4s		Iamb	Iamb	17 42 55.0
O48A	Hartselle	23.12 73	P	P	17 42 18.8 -0.5
X48A	comp=Z,60nm,1.7s		Iamb	Iamb	17 42 37.9
T47A	Sharon Grove	23.31 67	P	P	17 42 20.4 -0.8
V48A	Smith Brothers	23.39 70	P	P	17 42 20.3 -1.8
V48A	comp=Z,35nm,1.8s		Iamb	Iamb	17 42 49.4
Y49A	Blount Mountain	23.63 74	P	P	17 42 24.1 -0.4
M44A	Midewin, Midew	23.65 55	P	P	17 42 24.8 +0.2
P46A	Rosedale	23.75 60	P	P	17 42 25.6 0.0
P46A	comp=Z,29nm,1.1s		Iamb	Iamb	17 42 28.1
E38A	The Farm, Brul	23.77 41	P	P	17 42 25.4 -0.3
E38A	comp=Z,16nm,0.8s		Iamb	Iamb	17 43 00.8
Z50A	Grady	23.80 79	P	P	17 42 26.3 +0.2
CLTN	Cedars of Leba	23.82 69	P	P	17 42 26.5 +0.3
CLTN	comp=Z,65nm,2.0s		Iamb	Iamb	17 42 37.5
G40A	Rib Lake	23.85 45	P	P	17 42 26.6 +0.2
G40A	comp=Z,29nm,1.1s		Iamb	Iamb	17 43 02.8
K43A	Burlington	23.92 52	P	P	17 42 27.5 +0.4
I42A	Draeger Farm	24.01 49	P	P	17 42 28.0 0.0
L44A	Lake County Fo	24.02 54	P	P	17 42 28.8 +0.8
SPIN	Lafayette	24.03 58	P	P	17 42 28.3 0.0
Z50A	Ashland	24.04 76	P	P	17 42 28.2 -0.2
Z50A	comp=Z,21nm,1.3s		Iamb	Iamb	17 42 47.6
ULM	Lac du Bonnet	24.05 29	P	P	17 42 28.0 -0.3
ULM	comp=Z,7.4nm,1.1s,baz=226,slow=10,SNR=15		Lg	Lg	17 49 58.2
SWET	Sewanee	24.07 71	P	P	17 42 29.0 +0.2
SWET	comp=Z,16nm,1.1s		Iamb	Iamb	17 42 48.2
BBB	Bella Bella	24.08 339	P	P	17 42 29.7 +1.2
BBB	comp=Z,5.2nm,0.7s,baz=312,slow=2.5,SNR=3.0		LR	LR	17 52 06.5
BBB	comp=Z,1um,21.6s,baz=163,slow=37		LR	LR	
BBB	Bella Bella	24.08 339	P	P	17 42 28.7 +0.2
WCI	Wyandotte Cave	24.15 64	P	P	17 42 28.7 -0.7
BLO	Bloomington	24.16 61	P	P	17 42 28.6 -0.9
BLO	comp=Z,20nm,0.8s		Iamb	Iamb	17 42 32.8
FPAL	Fort Paine	24.31 73	P	P	17 42 29.5 -1.4
FPAL	comp=Z,20nm,1.3s		Iamb	Iamb	17 43 07.4
U49A	Red Boiling Sp	24.31 68	P	P	17 42 30.4 -0.4
U49A	comp=Z,21nm,1.4s		Iamb	Iamb	17 42 50.7
T49A	Edmonton	24.57 67	P	P	17 42 33.0 -0.2
T49A	comp=Z,25nm,1.4s		Iamb	Iamb	17 43 05.2
W50A	Signal Mountai	24.58 71	P	P	17 42 33.6 +0.2
W50A	comp=Z,20nm,1.1s		Iamb	Iamb	17 42 53.9
EYMN	Ely	24.59 38	P	P	17 42 33.4 0.0
Z51A	Franklin	24.66 76	P	P	17 42 34.1 0.0
Z51A	comp=Z,32nm,1.6s		Iamb	Iamb	17 42 56.5
X51A	Calhoun	24.93 73	P	P	17 42 36.9 +0.4

21d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ANMO, comp, E, 0.4nm, 0.3s, baz, 232, slow=13, SNR=3.6, Sn, Sn, 17 53 35.7 -0.6

MAN 21 17:46:53.3, 5.67km, 126.31E, h60km, mb5.2, ML4.2, MS4.3, Mindanao

ANF 21 17:50:07.3, 1.7, 30.12N, 114.11W, h13km, 12km, ML4.5/5, Error ellipse: s-maj=17.7km, s-min=5.8km, az=21.0
ECX 21 17:50:10.3, 0.8, 30.39N, 114.04W, h10km, 9km, MD5.0, ML4.4
IDC 21 17:50:11.4, 0.9, 30.33N, 113.96W, h0km, mb4.0/9, mb1.4/0.18, mb1mx3.9/5.4, mbtmp3.9/18, ML3.7/9, MS4.1/18, Ms1.4/1.18, ms1mx3.9/5.0, Error ellipse: s-maj=18.1km, s-min=8.7km, az=42.0
NEIC 21 17:50:13.4, 2.9, 30.42N, 114.06W, 0.05, h15km, 4km, mb4.7/69, Mw1.4/6.23, Md5.1/13(MEX), Error ellipse: s-maj=6.6km, s-min=2.2km, az=60.0
NEIC 21 17:50:13.3, 0.41N, 113.97W, h4km, Moment Tensor Solution. Moment tensor: Scale 105N, Mr=8.21, Mw=1.08, Ms=3.64, Mws=3.69, Mw2=5.7, Fault plane solution: M9.66000, 1015, NP1.3, 47.51000, 547.29000, lambda=55.65000, NP2.0, 182.29000, lambda=55.65000, lambda=121.44000. Principal axes: T 8.9200, P1g3.0000, Azm294.0000, N 1.3350, Plg24.0000, Azm203.0000, P -10.2550, Plg65.0000, Azm30.0000.
MEX 21 17:50:13.1, 0.5, 30.42N, 114.02W, h5km, MD5.1
GCMT 21 17:50:15.4, 0.5, 30.71N, 0.05, 113.90W, 0.03, h23km, 1km, MW5.0/72, Moment Tensor Solution. s14, c16; s72, c93; Duration: 0 Moment tensor: Scale 1019N, Mr=3.54, 30; Mw=0.79, 18; Mw2=6.22, 18; Mw1.24, 33; Mw1.42, 11; Mw1.09, 23; Best double couple: M3.74100, 1016, NP1.3, 12.00000, NP2.0, 113.00000, NP2.0, 222.00000, lambda=52.00000, lambda=171.00000. Principal axes: T 3.5950, P1g5.0000, Azm298.0000, N 0.2870, Plg15.0000, Azm30.0000; P -3.8880, Plg74.0000, Azm189.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 21 17:50:12.2, 0.5, 30.37N, 0.05, 114.07W, 0.03, h10km, n298, s1983/308, mb4.6/35, MS4.1/10, 4D, Gulf of California

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ANMO, comp, E, 0.4nm, 0.3s, baz, 232, slow=13, SNR=3.6, Sn, Sn, 17 53 35.7 -0.6

1172

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ANMO, comp, E, 0.4nm, 0.3s, baz, 232, slow=13, SNR=3.6, Sn, Sn, 17 53 35.7 -0.6

Table with columns: NEW, WALA, ECSD, DGMT, LLLB, CMIG, ULM, BBB, TKL, DLBC, SADO, YKA, YKA, PSUB, JTS, BCAR, DAWY, KDAA, EAGL, SCRK, EPYK, F64A, RC01, PUH, BYL, SBLH, UWB, KKO, NPH, GBL, GHO, HLP, AIN, G65A, EMMW, HUH, INK, INK, IL31, ILAR, ILAR, PRP, WRH, OPA, CCB, TRF, CHGN, COLA, KTH, NEA, NEA, PPLA, FYU, BPAW, SDPT, BMAR, MLY, MLY, COLA, IMAR, TOLK, SDV, TAOE, ANM, ANM, RDOG, RDOG, PETK, SPA0, TIXI, TIXI, NRIK, PLCA, FINES, FINES, KSRS, SONM, SONM, HHC, NJ2, CD2

Table with columns: WRA, WRA, ASAR, ASAR, CMAR, CMAR, IDC, Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: UREC, UREC, UREC, GUY2, GUY2, PTGC, RREF, RREF, CBOC, CBOC, CODC, CODC, TOLC, TOLC, SDV, SDV, ANIL, ANIL, ORTC, ORTC, SJCC, SJCC, PLMC, PLMC, SMRC, SMRC, PTAC, PTAC, MACC, MACC, GARC, GARC, PCON, PCON, POPC, POPC, ATMB, ATMB, NNA, NNA, TXAR, TXAR, ULM, ULM, PDAR, PDAR, YKA, YKA, WRA, WRA, NDI, MOS, IDC, NEIC, DJA, ISC, Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

RUDO	Rudo	5.70 337	ePn	Pn	18 37 16.6 +1.2
STON	Ston	5.74 322	ePn	Pn	18 37 16.2 +0.3
STON	Ston	5.74 322	ePn	Pn	18 38 20.4 -1.4
STON	Ston	5.74 322	ePn	Pn	18 37 15.7 +1.3
BLLS	Lazći	5.91 338	ePn	Pn	18 37 19.7 +1.3
DVBS	Divibare	6.14 104	Pn	Pn	18 37 19.9 -1.6
ELL	Elmali	6.14 104	Pn	Pn	18 37 19.9 -1.6
ELL	Elmali	6.14 104	Pn	Pn	18 37 19.9 -1.6
HAPS	Han Pijesak, BI	6.25 336	ePn	Pn	18 37 25.1 +2.0
ISP	Isparta	6.38 93	Pn	Pn	18 37 27.7 +2.9
ISP	Isparta	6.38 93	Pn	Pn	18 37 27.7 +2.9
MAKA	Makarska	6.38 321	ePn	Pn	18 37 34.1 +0.2
MAKA	Makarska	6.38 321	ePn	Pn	18 37 36.0 -1.6
VAE	Valguarnera	6.44 264	Sn	Pn	18 38 42.9 +3.6
PAOL	Paolis	6.63 296	Pn	Pn	18 37 34.1 +1.9
GZR	Gura Zlata	7.52 19	2	P	18 37 34.1 +1.9
MDUB	Mudurnu	7.06 70	Pn	Pn	18 37 35.9 +1.8
MTUR	Matau	7.07 15	2	P	18 37 33.8 -0.5
LOT	Lotru	7.09 7	2	P	18 37 36.3 +1.8
BZS	Buzias	7.22 355	0	Pn	18 37 38.0 +1.8
BZ19	Buzias	7.22 355	0	Pn	18 37 37.7 +1.5
CORL	Corleone	7.24 269	Pn	Pn	18 37 37.2 +0.5
VOIR	Voire	7.27 14	2	P	18 37 38.5 +1.5
VOIR	Voire	7.27 14	2	P	18 37 38.1 +1.1
ZIRJ	Zirje	7.34 318	ePn	Pn	18 37 37.9 0.0
ZIRJ	Zirje	7.34 318	ePn	Pn	18 38 59.0 -2.4
CLTB	Catibellotta	7.36 266	Pn	Pn	18 37 39.0 +0.8
MORI	Morici	7.46 319	0	Pn	18 37 40.0 +0.5
BLY	Banja Luka	7.48 310	0	Pn	18 37 41.1 +1.5
BLY	Banja Luka	7.48 310	0	Pn	18 37 40.5 +0.9
INTR	Introdacqua	7.47 301	Pn	Pn	18 37 41.7 +1.9
TIRR	Tirigosur	7.50 35	P	Pn	18 37 39.2 -0.9
TIRR	Tirigosur	7.50 35	P	Pn	18 37 39.2 -0.9
MLR	Muntele Rosu	7.52 19	2	P	18 37 41.8 +1.2
MLR	Muntele Rosu	7.52 19	2	P	18 37 42.9 +2.4
BISR	Bisoca	7.79 23	1	P	18 37 47.0 +2.9
DOPR	Dopca	7.84 15	2	P	18 37 47.0 +2.1
DUGI	Dugi Otok	7.88 317	0	Pn	18 37 45.7 +3.0
UDBI	Udbina	7.91 323	ePn	Pn	18 37 47.6 +1.8
ADU	Adula	7.95 302	0	Pn	18 37 45.1 +1.2
AQUA	Aquila	7.96 302	Pn	Pn	18 37 45.2 -1.2
PLOR	Plostinia	8.05 21	2	P	18 37 49.7 +2.1
PLOR	Plostinia	8.05 21	2	P	18 37 49.7 +2.1
ZVRI	Zvornik	8.05 17	2	P	18 37 49.2 +1.5
VRU	Vrincioaia	8.08 22	2	P	18 37 50.5 +2.4
VRU	Vrincioaia	8.08 22	2	P	18 37 50.4 +2.4
DRGR	DRGR	8.37 1	P	Pn	18 37 55.1 +3.0
NRCA	Norcia	8.37 305	Pn	Pn	18 37 53.6 +1.5
NVLJ	Novajia	8.38 320	ePn	Pn	18 37 52.4 +0.3
TESR	Tescani	8.65 20	2	P	18 37 58.4 +2.5
BR131	Keskin Array S	8.78 78	eP	Pn	18 37 58.1 +0.3
BR131	Keskin Array S	8.78 78	eP	Pn	18 37 58.1 +0.3
BRTR	Keskin Array B	8.78 78	eP	Pn	18 37 59.6 +1.7
BRTR	Keskin Array B	8.78 78	eP	Pn	18 38 01.0 +3.1
BRTR	Keskin Array B	8.78 78	eP	Pn	18 37 57.0 -0.8
MURB	Monte Urbino	8.96 306	Pn	Pn	18 37 60.0 -0.1
CRES	Cresnevj	9.05 327	ePn	Pn	18 38 00.6 -0.7
ILGA	ilgaz	9.05 70	Pn	Pn	18 38 01.1 -0.5
LATE	Laterza	9.14 301	Pn	Pn	18 38 02.9 +0.3
BURAR	Bucovina Array	9.40 11	Pn	Pn	18 38 05.0 -1.3
BURAR	Bucovina Array	9.40 11	Pn	Pn	18 38 06.0 -0.4
BUR08	Bucovina Ar. S	9.43 11	Pn	Pn	18 38 06.2 -0.5
CEY	Cerknica	9.44 323	ePn	Pn	18 38 06.7 -0.1
PSZ	Piszkesteto	9.68 350	P	Pn	18 38 09.7 -0.3
PSI	Piszkesteto	9.68 350	P	Pn	18 38 09.7 -0.3
CASP	Castiglione de	9.85 300	Pn	Pn	18 38 11.4 -0.9
ARSA	Arzberg	10.19 332	ePn	Pn	18 38 17.4 +0.4
UZH	Uzhgorod	10.21 359	eP	Pn	18 38 21.4 +4.2
VYHS	Vyhne	10.41 346	ePn	Pn	18 38 21.6 +2.2
VYHS	Vyhne	10.41 346	ePn	Pn	18 38 22.2 +2.2
VYHS	Vyhne	10.41 346	ePn	Pn	18 40 16.4 -0.3
CONA	Conrad Obsava	10.65 335	ePn	Pn	18 38 25.4 +2.0
CTI	Castel Tesino	11.06 317	Pn	Pn	18 38 29.2 +0.2
CTI	Castel Tesino	11.06 317	Pn	Pn	18 38 29.2 +0.2
ABTA	Abfaltersbach	11.09 322	Pn	Pn	18 38 30.9 +1.6
MOA	Molin	11.16 330	ePn	Pn	18 38 32.2 +1.9
MMAI	Mount Meron Ar	11.81 113	Pn	Pn	18 38 38.9 -0.3
GERES	GERESS Array B	12.19 332	Pn	Pn	18 38 46.0 +1.6
GERES	GERESS Array B	12.19 332	Pn	Pn	18 38 46.0 +1.6
GERES	GERESS Array B	12.19 332	Pn	Pn	18 38 44.8 +0.4
MOTA	Moosalm	12.20 321	ePn	Pn	18 38 46.6 +2.0
KHC	Kasperske Hory	12.38 324	eP	Pn	18 38 49.5 +1.2
KHC	Kasperske Hory	12.38 324	eP	Pn	18 38 49.5 +1.2
AKASG	Malin Array Be	13.10 19	Pn	Pn	18 38 57.8 0.0
AKASG	Malin Array Be	13.10 19	Pn	Pn	18 38 58.8 +1.0
CLL	Collm	14.51 336	ePP	P	18 39 27.0
CLL	Collm	14.51 336	ePP	P	18 39 27.0 +4.3
SUW	Suwalki	15.60 2	P	P	18 39 32.9 -1.9
SUW	Suwalki	15.60 2	P	P	18 39 32.9 -1.9
SUW	Suwalki	15.60 2	P	P	18 39 32.9 -1.9
KIV	Kislovodsk	16.18 64	eP	Pn	18 39 38.1 0.0
KIV	Kislovodsk	16.18 64	eP	Pn	18 39 38.1 0.0
KIV	Kislovodsk	16.18 64	eP	Pn	18 39 38.1 0.0
BKZ	Khabaz	16.28 65	Pn	Pn	18 39 43.1 +0.8
VSR	Storozhevoje	17.38 371	eP	Pn	18 39 53.5 +0.3
LPSR	Galich Ya Gora	18.21 34	eP	Pn	18 40 05.1 +1.4
OBN	Obninsk	19.22 25	P	Pn	18 40 16.3 +0.6
OBN	Obninsk	19.22 25	P	Pn	18 40 16.3 +0.6
OBN	Obninsk	19.22 25	P	Pn	18 40 14.6 -0.1
OBN	Obninsk	19.22 25	P	Pn	18 43 50.1 -1.0
OBN	Obninsk	19.22 25	P	Pn	18 40 15.6 -0.1
ESD	Vasula	20.25 61	eP	Pn	18 40 26.1 +0.2
ESDC	Sonsec Array	20.55 282	P	Pn	18 40 31.1 -0.6
HFS	Hagfors	22.43 348	eP	P	18 40 49.5 +0.1
FINES	FINESS Array B	23.16 4	P	Pn	18 40 57.5 +0.6
FINES	FINESS Array B	23.16 4	P	Pn	18 40 56.7 -0.3
NACO1	NORSAR Array S	23.59 346	P	Pn	18 41 00.7 -0.7
NACO1	NORSAR Array S	23.59 346	P	Pn	18 41 01.7 -0.7
NACO1	NORSAR Array S	23.59 346	P	Pn	18 41 01.5 -1.1
NB201	NORSAR Array S	23.71 346	P	Pn	18 41 01.2 -1.4
NB2	NORSAR Subarray 23.71 346	P	Pn	18 41 02.1 -0.5	
NB2	NORSAR Array B	23.71 346	P	Pn	18 41 02.1 -0.5
NC204	NORSAR Array S	24.02 346	P	Pn	18 41 04.5 -1.0
NC204	NORSAR Array S	24.02 346	P	Pn	18 41 34.1
EKA	Eskdalemar Ar	24.14 323	P	Pn	18 41 05.9 -0.7
RAYN	Rayn	24.61 120	P	Pn	18 41 10.6 -0.8
RAYN	Rayn	24.61 120	P	Pn	18 41 10.6 -0.8
RAYN	Rayn	24.61 120	P	Pn	18 41 10.6 -0.8
RAYN	Rayn	24.61 120	P	Pn	18 41 27.2
KLMR	Klimovskoe	24.87 20	eP	P	18 41 11.7 -1.5

KLMR	Klimovskoe	24.87 20	eP	P	18 41 11.8 -1.5
KLMR	Klimovskoe	24.87 20	eP	P	18 41 15.2
TOAO	Torodi Ar. Sit	31.21 222	P	P	18 42 10.3 0.0
TOAO	Torodi Ar. Sit	31.21 222	P	P	18 42 11.4
TORD	Torodi Ar. Be	31.21 222	P	P	18 42 10.5 +0.2
TORD	Torodi Ar. Be	31.21 222	P	P	18 42 10.9 -0.6
BRVK	Borovoye	35.73 501	eP	P	18 42 47.6 -1.7
BRVK	Borovoye	35.73 501	eP	P	18 42 48.2 -1.1
BRVK	Borovoye	35.73 501	eP	P	18 43 14.2
KK31	Karatay Array	36.29 67	P	P	18 42 53.8 -0.6
KK31	Karatay Array	36.29 67	P	P	18 42 53.8 -0.6
KK31	Karatay Array	36.29 67	P	P	18 42 53.8 -0.6
KK31	Karatay Array	36.29 67	P	P	18 42 53.8 -0.6
KKAR	Karatay Array	36.29 67	P	P	18 42 53.5 -0.8
KKAR	Karatay Array	36.29 67	P	P	18 43 14.8
AAK	Ala-Archa	39.25 67	P	P	18 43 20.3 +0.8
AAK	Ala-Archa	39.25 67	P	P	18 43 21.5 +1.9
AAK	Ala-Archa	39.25 67	P	P	18 43 20.0 +0.5
DBIC	Dimbokro	40.13 225	P	P	18 43 26.9 0.0
DBIC	Dimbokro	40.13 225	P	P	18 43 26.9 0.0
DBIC	Dimbokro	40.13 225	P	P	18 43 26.9 0.0
TIC	Toumodi	40.24 225	eP	P	18 43 27.6 -0.2
KIC	Kosan Boka	40.32 225	eP	P	18 43 28.6 +0.1
LIC	Lamto	40.59 225	eP	P	18 43 30.9 +0.2
KURK	Kurchatov	40.90 541	eP	P	18 43 33.3 +0.4
MK31	Makanchi Array	43.86 59	P	P	18 43 56.8 -0.4
MK31	Makanchi Array	43.86 59	P	P	18 43 56.8 -0.4
MKAR	Makanchi Array	43.86 59	P	P	18 43 56.5 -0.7
MKAR	Makanchi Array	43.86 59	P	P	18 43 58.5 +1.4
MKAR	Makanchi Array	43.86 59	P	P	18 43 57.2 0.0
ZAAO	Zalesovo Array	44.38 48	P	P	18 43 59.9 -1.3
ZALV	Zalesovo Beam	44.38 48	P	P	18 44 00.9 -0.2
ZALV	Zalesovo Beam	44.38 48	P	P	18 44 13.6 -1.6
NRK	Noril'sk	45.89 271	eP	P	18 44 19.6 +0.3
NRK	Noril'sk	45.89 271	eP	P	18 44 19.6 +0.3
DGZ	Jazzartur, Alta	46.64 541	eP	P	18 44 19.6 +0.3
SONM	Songino Array	59.11 51	P	P	18 45 52.5 +1.0
SCHO	Schefferville	59.32 318	P	P	18 45 53.6 +1.1
SCHO	Schefferville	59.32 318	P	P	18 45 54.3 +1.7
SCHO	Schefferville	59.32 318	P	P	18 45 56.2
CMAR	Chiang Mai Arr	68.33 83	P	P	18 46 50.8 -1.7
CMAR	Chiang Mai Arr	68.33 83	P	P	18 47 10.3 0.0
INK	Inuvik	72.08 351	P	P	18 47 13.9 -0.7
INK	Inuvik	72.08 351	P	P	18 47 13.9 -0.7
INK	Inuvik	72.08 351	P	P	18 47 13.9 -0.7
YKA	Yellowknife Ar	73.68 341	P	P	18 47 22.9 -1.2
YKA	Yellowknife Ar	73.68 341	P	P	18 47 23.0 -1.2
ILAR	Eielson Array	76.80 355	eP	P	18 47 41.2 -1.0
ILAR	Eielson Array	76.80 355	eP	P	18 47 42.7 +0.5
ILAR	Eielson Array	76.80 355	eP	P	18 47 40.7 -1.5
KSR	Korea Array	77.98 32	P	P	18 47 48.6 -0.6
PDAR	Pinedale Array	88.20 327	P	P	18 48 42.8 +0.5
PDAR	Pinedale Array	88.20 327	P	P	18 48 42.4 +0.1

CISI	Cisompot, Garu	11.35 136	Pn	Pn	18 49 33.0 -3.1
UGM	Wanagama	13.60 129	Pn	Pn	18 50 04.3 -0.8
DLW	T Lat	14.15 37	Pn	Pn	18 50 10.6 -1.9
CMAR	Chiang Mai Arr	17.76 357	P	P	18 50 53.1 -1.9
MPSI	Mapaga	20.75 351	P	P	18 50 53.8 -1.2
MPSI	Mapaga	20.75 351	P	P	18 51 20.7 +0.8
MRSI	Marsita	22.09 90	P	P	18 51 43.8 +2.2
SOEI	Soe	26.39 114	P	P	18 52 19.7 -1.5
SOEI	Soe	26.39 114	P	P	18 52 32.7
ODAN	Odare	28.72 336	eP	P	18 52 43.1 +1.2
TAPN	Tapejung	29.04 337	eP	P	18 52 46.1 +1.4
RAMN	Ramite	29.13 335	eP	P	18 52 47.1 +1.6
JIRN	Jiri	29.92 335	eP	P	18 52 53.8 +1.9
LSA	Lhasa	30.10 345	P	P	18 52 55.2 +0.9
PKI	Pulchoki	30.18 334	eP	P	18 52 55.1 +0.2
PKIN	Pulchoki	30.19 334	eP	P	18 52 56.2 +1.3
GUN	Gumba	30.27 335	eP	P	18 52 56.9 +1.2
KKN	Kakani	30.43 334	eP	P	18 52 57.8 +0.9
KKN	Kakani	30.43 334	eP	P	18 53 02.4 +1.4

21d 20h

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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine, 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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

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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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

1180

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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

21d 21h

GCMT 21 21:03:44.6,0.1,7.48N,0.01:94.41E,0.01,h17km, MW5,4/145,Moment Tensor Solution. s90,c141; s145,c256; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mn:-0.31±.02; Mw:-0.98±.02; Mww:1.29±.02; Mo:-0.54±.05; Mww:0.45±.01; Mw:-0.18±.04; Best double couple: Mo:1.37100x1017 NP1:148.00000°,864.00000°,λ-167.00000°. NP2:53.00000°,678.00000°,λ-27.00000°. Principal axes: T 1.4240,Plg10,0000°,Azmi103,0000°; N -0.1090,Plg61,0000°,Azmi211,0000°; P -1.3170,Plg27,0000°,Azmi8,0000°; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

KLM 21 21:03:47.0,7.23N,94.37E,h30km,mb5.2 BGR 21 21:03:48.6,0.0,7.46N,94.72E,h10km,mb4.9 ISC 21 21:03:43.3,0.5,7.41N,0.03,94.20E,0.03,h17km,2km, h17km;p-P-P,n570,,i1995/584,mb5,1/167,MS4.9/58, 34C-23D,Nicarobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

2014 MAR

Table with columns: KMI, comp, Z, duration, pmax, pmay. Lists seismic events with their coordinates, depths, and magnitudes.

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Table with columns: XAN, X'ian, 29.78, 25, P, Pmax, 21 09 48.8 -0.5. Lists seismic events with their coordinates, depths, and magnitudes.

Table with columns for station name, frequency, and other parameters. Includes stations like MTUR, PLYB, VOIR, MINSK, BURAR, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like GEC2, GERES, GERES, KHC, KHC, KHC, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like ESDC, IMAR, TOLK, VANDA, SDPT, etc.

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, RPSI Rantau Prapat, KULM Kulim, etc.

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like IMAR Indian Mountain, ILAR Eielson Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like JCH Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

21d 21h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MK31, MKAR, MKAR, etc.

2014 MAR

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PV17, ASAR, ASAR, etc.

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Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like mb3.7/5, Nicobar Islands region, LJU 21 21:28:00.8, etc.

Table with columns: CMAR, Chiang Mai Arr, 57.98 295 P, P, 21 41 30.2 +0.6, comp=Z,3.1nm,0.7s,baz=115,slow=5,SNR=21

Table with columns: BALM, Independent RI, 82.22 23 P, P, 21 44 01.2 +0.8, comp=Z,7.0nm,1.1s

Table with columns: GUMO Guam, 50.23 79 LR, LR, 22 11 29.3, comp=Z,1.7nm,19.3s,baz=179,slow=35

ms1mx3.2/37, Error ellipse: s-maj=192.1km s-min=51.6km az=133.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, BRDH Baridadhala, FITZ Fitzroy Crossi, MKAR Makanchi Array, KURBB Kurchatov Arra, BRTR Keskin Array B, FINES FINESS Array B, GERES GERESS Array B, HFS Hagfors, NOA NORRS Array B.

ICD 21 22:42:52.5:1.2, 7.79N-94.04E, h0km, mb3.8/m, mb1 3.9/9, mb1 mx3.6/56, mbtmp3.8/9, ML3.8/11, Error ellipse: s-maj=49.3km s-min=22.0km az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PALK Pallekele, MKAR Makanchi Array, GEYT Alikeb, KURBB Kurchatov Arra, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, FINES FINESS Array B.

AEIC 21 22:43:10.2:6.1, 52.33N:03.173:3W:0.3, h223km, mb3.9/2, NEIC), Error ellipse: s-maj=44.7km s-min=14.7km az=155.0, Andeanoff Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KOPF Korovin Flat P, KOKL Mount Kluichef, ATKA Atka Island, GSTR Great Sitkin T, GSMY Great Sitkin M, GSTD Great Sitkin T, ADK Adak, KIMD Kanagaa Island, KDOK Kodiak Island, CNPM China Pook, BRLL Bradley Lake, SUA Susitna One, SEW Seaward, PPLA Purkeypile, KTH Kantishina Hill, TRF Thorofare Moun, BPAW Bear Paw Mtn, MID Middleton Isla, HIN Hinchinbrook I, SCM Sheep Creek Mo, RND Reindeer, MCK McKinley, MLY Manley, DHD Denali Highway, WRH Wood River Hill, CCB Clear Creek Bu, HDA Harding Lake, GLB Gilahina Butte, ILAR Eielson Array, RIDG Independent Ri, BALM Baldy, SCRR Sand Creek, YKLU Yakutat, BMAR Burnt Mountain, EGAK Egak.

ICD 21 22:51:24.0:1.6, 0.09N:124.45E, h0km, mb3.4/3, s-maj 3.7/m, mb1 mx3.3/46, mbtmp3.4/3, Error ellipse: s-maj=196.2km s-min=26.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMSI Cibinong, LUMWI Luwuk, SANI Sanana, MRSI Marisa, APSI Ampana, TMTI Ternate, LBMI Labuha, MLAI Hamlea, MPSI Mapaga, MSAI Masohi, SPSI Sidrap Palu, BNSI Bone, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array.

ICD 21 22:57:12.6:0.8, 7.62N-94.41E, h0km, mb3.9/14,

mb1 4.0/16, mb1 mx3.8/51, mbtmp3.9/16, ML3.9/2, MS3.7/18, Ms1 3.7/18, ms1mx3.5/43, Error ellipse: s-maj=25.7km s-min=16.7km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC 21 22:57:14.5:2.0, 7.46N:0.09:94.3E:0.1, h10km, 1km, mb4.4/23, Error ellipse: s-maj=18.1km s-min=13.2km az=241.0, DUA 21 22:57:16.1:0.4, 8.7N:4.9E, h10km, M4.6/9, mb5.6/4, NDI 21 22:57:17.0:1.2, 7.31N:94.42E, h16km, ML4.6, ISC 21 22:57:16.5:0.5, 7.44N:0.05:94.3E:0.06, h24km, n82, r=1547/76, mb4.1/21, M53.7/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMBY CAMPBELL BAY, LMSI Lhok Sumawe, LHMI Meulaboh, Aceh, PBA Poir Blair, DGPR DIGLPR, PSI Prapat, RPSI Rantau Prapat, RPSI Rantau Prapat, GSI Gunungstolli, IPM Iloh, SDSA Sungai Dareh, PBKT Sadao Jong, CMAR Chiang Mai Arr, CHTO Chiang Mai, PALK Pallekele, MDSI Maura Dua, KSM Kuching, SBUM Sibiu, QIZ Qiongzong, KMI Kunming, LEM Lembang, ODAN Odare, RAMN Ramite, TAPN Taplejung, JIRN Jiri, PKI Pulchoki, PKIN Phulchoki, GUN Gumbi, DMN Dama, KKN Kakani, LSA Lhasa, GKN Gorkha, DANN Daring, XAN Xi'an, GTA Gaotai, NIL Nilore, KBL Kashi, KSH Kashi, HHC Hu-ho-hao-te, WMQ Urumqi, ARSB Arslanbob, AAK Ala-Archa, AAK Ala-Archa, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAZ Makanchi, KK31 Karatay Array, KKAR Karatay Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, GEYT Alikeb, GEYT Alikeb, GEYT Alikeb, GYA0B ALIBECK ARRAYS, KURBB Kurchatov Arra, KURK Kurchatov, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRA Warramunga Arr, MJAR Matsushiro Arr, RYAN Ar Rayn, ASAR Alice Springs, ASAR Alice Springs, BRVK Borovoye, BRVK Borovoye, ABKAR Akbulak array, ARU Arti, ARU Arti, KBZ Khabaz, KMBO Kilima Mbogo, KMBO Kilima Mbogo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, RPSI Rantau Prapat, RPSI Rantau Prapat, GSI Gunungstolli, IPM Iloh, SDSA Sungai Dareh, PBKT Sadao Jong, CMAR Chiang Mai Arr, CHTO Chiang Mai, PALK Pallekele, MDSI Maura Dua, KSM Kuching, SBUM Sibiu, QIZ Qiongzong, KMI Kunming, LEM Lembang, ODAN Odare, RAMN Ramite, TAPN Taplejung, JIRN Jiri, PKI Pulchoki, PKIN Phulchoki, GUN Gumbi, DMN Dama, KKN Kakani, LSA Lhasa, GKN Gorkha, DANN Daring, XAN Xi'an, GTA Gaotai, NIL Nilore, KBL Kashi, KSH Kashi, HHC Hu-ho-hao-te, WMQ Urumqi, ARSB Arslanbob, AAK Ala-Archa, AAK Ala-Archa, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAZ Makanchi, KK31 Karatay Array, KKAR Karatay Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, GEYT Alikeb, GEYT Alikeb, GEYT Alikeb, GYA0B ALIBECK ARRAYS, KURBB Kurchatov Arra, KURK Kurchatov, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRA Warramunga Arr, MJAR Matsushiro Arr, RYAN Ar Rayn, ASAR Alice Springs, ASAR Alice Springs, BRVK Borovoye, BRVK Borovoye, ABKAR Akbulak array, ARU Arti, ARU Arti, KBZ Khabaz, KMBO Kilima Mbogo, KMBO Kilima Mbogo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, RPSI Rantau Prapat, RPSI Rantau Prapat, GSI Gunungstolli, IPM Iloh, SDSA Sungai Dareh, PBKT Sadao Jong, CMAR Chiang Mai Arr, CHTO Chiang Mai, PALK Pallekele, MDSI Maura Dua, KSM Kuching, SBUM Sibiu, QIZ Qiongzong, KMI Kunming, LEM Lembang, ODAN Odare, RAMN Ramite, TAPN Taplejung, JIRN Jiri, PKI Pulchoki, PKIN Phulchoki, GUN Gumbi, DMN Dama, KKN Kakani, LSA Lhasa, GKN Gorkha, DANN Daring, XAN Xi'an, GTA Gaotai, NIL Nilore, KBL Kashi, KSH Kashi, HHC Hu-ho-hao-te, WMQ Urumqi, ARSB Arslanbob, AAK Ala-Archa, AAK Ala-Archa, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAZ Makanchi, KK31 Karatay Array, KKAR Karatay Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, GEYT Alikeb, GEYT Alikeb, GEYT Alikeb, GYA0B ALIBECK ARRAYS, KURBB Kurchatov Arra, KURK Kurchatov, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRA Warramunga Arr, MJAR Matsushiro Arr, RYAN Ar Rayn, ASAR Alice Springs, ASAR Alice Springs, BRVK Borovoye, BRVK Borovoye, ABKAR Akbulak array, ARU Arti, ARU Arti, KBZ Khabaz, KMBO Kilima Mbogo, KMBO Kilima Mbogo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, RPSI Rantau Prapat, RPSI Rantau Prapat, GSI Gunungstolli, IPM Iloh, SDSA Sungai Dareh, PBKT Sadao Jong, CMAR Chiang Mai Arr, CHTO Chiang Mai, PALK Pallekele, MDSI Maura Dua, KSM Kuching, SBUM Sibiu, QIZ Qiongzong, KMI Kunming, LEM Lembang, ODAN Odare, RAMN Ramite, TAPN Taplejung, JIRN Jiri, PKI Pulchoki, PKIN Phulchoki, GUN Gumbi, DMN Dama, KKN Kakani, LSA Lhasa, GKN Gorkha, DANN Daring, XAN Xi'an, GTA Gaotai, NIL Nilore, KBL Kashi, KSH Kashi, HHC Hu-ho-hao-te, WMQ Urumqi, ARSB Arslanbob, AAK Ala-Archa, AAK Ala-Archa, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAZ Makanchi, KK31 Karatay Array, KKAR Karatay Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, GEYT Alikeb, GEYT Alikeb, GEYT Alikeb, GYA0B ALIBECK ARRAYS, KURBB Kurchatov Arra, KURK Kurchatov, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRA Warramunga Arr, MJAR Matsushiro Arr, RYAN Ar Rayn, ASAR Alice Springs, ASAR Alice Springs, BRVK Borovoye, BRVK Borovoye, ABKAR Akbulak array, ARU Arti, ARU Arti, KBZ Khabaz, KMBO Kilima Mbogo, KMBO Kilima Mbogo.

comp=2.98nm,21.1s,baz=98,slow=33

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, STKA Stephens Creek, STKA Stephens Creek, BRTR Keskin Array B, TIXI Tixi, FINES FINESS Array B, BOSA Boshof, BOSA Boshof, ARCES ARCESS Array B, ARCES ARCESS Array B, GERES GERESS Array B, GERES GERESS Array B, RPZ Rata Peaks, RPZ Rata Peaks, IMAR Indian Mountain.

HEL 21 23:04:59.6:0.3, 67.95N:20.24E, h0km, ML1.7, Explosion UPP 21 23:05:12.0:0.1, 67.18N:20.68E, h0km, ML2.5, Explosion ISC 21 23:04:58.3:1.1, 67.89N:0.03:20.39E:0.05, h0km, n22, r=230/29, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUA Kurravaara, LANU Lammavaara, MASU Masugnbyn, DUNU Dunderet, DUNU Dunderet, KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, HEF Hetta, HEF Hetta, HEF Hetta, PAJU Pajala, PAJU Pajala, ERTU Ertisaerv, ERTU Ertisaerv, HARU Harads, HARU Harads, TOF Tornio, TOF Tornio, TOF Tornio, SOF Sodankyl, SOF Sodankyl, SJGU Sjuksmark, SJGU Sjuksmark, ARES ARCESS Array S, ARES ARCESS Array S, RNF Rovaniemi, RNF Rovaniemi, RNF Rovaniemi, LILU Lilltraesk, LILU Lilltraesk, KEV Kevo, KEV Kevo, KEV Burvik, KEV Burvik, MSF Maaselka, MSF Maaselka, KU6 Riieki, KU6 Riieki.

ICD 21 23:05:09.5:1.8, 17.12S:177.77W, h0km, mb3.9/6, mb1 4.2/6, mb1 mx3.9/33, mbtmp3.9/6, Error ellipse: s-maj=113.0km s-min=22.7km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, NVAR Nihoa Array, ILAR Eielson Array, TXAR Lantana Array.

ICD 21 23:14:20.6:4.3, 4.12S:153.29E, h0km, mb3.5/2, mb1 3.7/2, mb1 mx3.3/33, mbtmp3.5/2, Error ellipse: s-maj=192.6km s-min=55.6km az=119.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, JNU Nakatsu, KSRS Korea Array, USKR Usuriysk Arr, USKR Usuriysk Arr, SONM Songoing Array, SEY Seymour, CMAR Chiang Mai Arr, WRA Warramunga Arr, ODAN Odare, RAMN Ramite, JIRN Jiri, GUN Gumbi, PKI Pulchoki, PKIN Phulchoki, KKN Kakani, ZALV Zalesovo Beam, GKN Gorkha, MKAR Makanchi Array.

ICD 21 23:17:39.5:1.2, 26.33N:140.77E, h427km, 12km, mb3.3/17, mb1 3.4/21, mb1 mx3.3/41, mbtmp3.4/21, Error ellipse: s-maj=16.8km s-min=13.4km az=62.0

ISC 21 23:17:40.7:0.8, 26.33N:0.1:140.9E:0.1, h450km, n34, r=69/34, mb3.6/17, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, JNU Nakatsu, KSRS Korea Array, USKR Usuriysk Arr, USKR Usuriysk Arr, SONM Songoing Array, SEY Seymour, CMAR Chiang Mai Arr, WRA Warramunga Arr, ODAN Odare, RAMN Ramite, JIRN Jiri, GUN Gumbi, PKI Pulchoki, PKIN Phulchoki, KKN Kakani, ZALV Zalesovo Beam, GKN Gorkha, MKAR Makanchi Array.

21d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DANN Dangsing, NRK Nori'sk, ILAR Gielson Array, etc.

IDC 21 23:19:28.2±1.3, 7.67N, 93.80E, h0km, mb3.5/7, mb1 3.6/8, mb1mx3.5/35, mbmp3.5/8, ML4.2/1, MS3.0/3, MS1 3.0/3, ms1mx2.7/44, Error ellipse: s-maj=46.6km s-min=22.0km az=55.0

NEIC 21 23:19:28.3±1.3, 7.4N, 0.1±94.2E, 0.2, h16km, 5km, mb4.0/5, Error ellipse: s-maj=27.7km s-min=14.0km az=57.0

ISC 21 23:19:28.9±0.8, 7.44N, 0.08±94.27E, 0.07, h20km, n24, ±0.89±22, mb3.8/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMBY CAMPBELL BAY, RPSI Rantau Prapat, etc.

SJA 21 23:24:31.5±1.3, 22.07S, 67.42W, h185km, 13km, ML3.1, MW3.0

GUC 21 23:24:32.0±0.7, 21.96S, 67.90W, h212km, 10km, ML3.7

IDC 21 23:24:40.9±0.2, 21.43S, 67.29W, h236km, 57km, mb3.4/3, mb1 3.3/5, mb1mx3.1/21, mbtmp3.8/5, Error ellipse: s-maj=108.9km s-min=25.4km az=27.0

ISC 21 23:24:32.0±0.6, 22.05S, 0.04±67.48W, h190km, 7km, n48, ±0.96±76, mb3.6/3, 10C, Chile-Bolivia border region

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

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB07 IPOC Station P, PB02 IPOC Station P, etc.

NEIC 21 23:29:24.8±2.5, 17.3N, 0.1±94.49W, 0.05, h157km, 5km, Error ellipse: s-maj=16.0km s-min=4.5km az=202.0

MEX 21 23:29:25.8±0.7, 17.33N, 94.46W, h158km, 6km, MD4.0

ISC 21 23:29:24.1±1.7, 17.23N, 0.09±94.48W, 0.04, h157km, 12km, n15, ±0.97±725, Chiapas

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

IDC 21 23:50:08.0±0.6, 7.43N, 94.31E, h0km, mb4.2/26, mb1 4.3/28, mb1mx4.2/64, mbtmp4.2/28, ML4.1/2, MS3.7/16, Ms1 3.7/16, ms1mx3.5/41, Error ellipse: s-maj=19.8km s-min=13.5km az=47.0

NEIC 21 23:50:10.0±1.5, 7.37N, 0.08±94.25E, 0.09, h8km, 4km, mb4.6/37, Error ellipse: s-maj=13.8km s-min=10.6km az=66.0

DJA 21 23:50:10.8±0.4, 7.3N, 3.9±94E, h10km, M4.4/13, mb4.3/13, mb4.8/1, MLv4.5/3, Mw(mb)4.1/1

MOS 21 23:50:11.7±0.8, 7.39N, 94.27E, h32km, mb4.8/20, Error ellipse: s-maj=11.7km s-min=5.6km az=113.1

KLM 21 23:50:15.0±0.7, 7.52N, 94.42E, h27km, mb4.5, NDI 21 23:50:17.0±2.6, 7.31N, 94.36E, h10km, mb4.5, mb4.6(NEIC)

ISC 21 23:50:11.9±0.4, 7.28N, 0.05±94.24E, 0.05, h20km, n210, r135/196, mb4.5/65, MS3.7/14, 18C-22D, Nicobar Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LHMI Lok Sumawe, MBSI Meulaboh, etc.

1190

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KURK, ZALV, WRA, ARS, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BOSA, ARCES, MORC, etc.

IDC 21 23:50:19.17, 0.5, 4.9S, 147.17E, h158km, 72km, mb3.2/2, mb1 3.3/4, mb1mx3.0/39, mbtmp3.6/4, Error ellipse: s-maj=94.4km s-min=47.6km az=130.0, Eastern Nere

Guinea region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PMG, WRA, ASAR, etc.

IDC 22 00:10:23.8, 0.4, 7.40N, 94.22E, h0km, mb4.4/26, mb1 4.5/29, mb1mx4.4/38, mbtmp4.4/29, ML4.2/3, MS3.7/24, MS1.3/7/24, ms1mx3.7/39, Error ellipse: s-maj=16.0km s-min=10.5km az=51.0

DJA 22 00:10:26.4, 0.2, 7.1N, 3.9E, h10km, M4.7/17, mb4.7/17, mb5.4/5, MLV4.7/4, MW(mB)4.8/5

NEIC 22 00:10:26.2, 1.6, 7.1N, 0.07, 94.33E, h17km, 3km, mb4.7/59, Error ellipse: s-maj=11.3km s-min=9.6km az=67.0

MOS 22 00:10:26.0, 1.3, 7.44N, 94.29E, h26km, mb4.9/31, Error ellipse: s-maj=12.9km s-min=5.9km az=119.0

GLM 22 00:10:29.0, 7.27N, 94.49E, h10km, mb4.8, NDI 22 00:10:33.7, 2.5, 7.48N, 94.35E, h10km, mb4.8, mb4.7(NEIC)

ISC 22 00:10:28.2, 1.7, 7.33N, 0.04, 94.29E, 0.05, h29km, 12km, n263, 1978/254, mb4.7/85, MS3.7/22, 18C-20D, Nicobar

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LHMI, MSLI, PBA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LEM, KMI, ODAN, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like GYET, ALIBECK ARRAY, KURBK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SEY, TESR, SGRR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PLCA, Paso Flores, MDP, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like NAXT, Y57A, Y59A, Y60A, 435B, 435B, 435B, HODGE, HODGE, X55A, X56A, X53A, X54A, X58A, X58A, 237A, X59A, Y45A, X51A, JCT, JCT, JCT, FPAL, PAUL, PAUL, HP1G, Z41A, Z41A, BG3, W58A, W54A, W56A, KM5C, KM5C, W57A, W57A, WHTX, WHTX, W52A, OXF, OXF, WLAR, WLAR, W50A, BBSR, BBSR, SJMB, SWET, CPCT, X43A, X43A, TXAR, TXAR, TXAR, TX31, TX32, TX31, V53A, TKL, V54A, V56A, BSFB, V58A, V59A, V55A, W45A, W45A, V57A, V60A, V60A, V52A, V52A, V51A, X40A, V48A, UALR, UALR, MIAR, MIAR, Z35A, U56A, U58A, U59A, U57A, U55A, U54A, U54A, W41B, W41B, ABTX, ABTX.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like ABTX, TZTN, U60A, WVT, WVT, WHAR, WHAR, U49A, W39A, W39A, W39A, GLAT, GLAT, T58A, T53A, T57A, T56A, T51A, T54A, T59A, T59A, T55A, T52A, T52A, T50A, BLA, HICK, T49A, T49A, PARMO, X34A, X34A, PBMO, PBMO, SS1A, SS1A, SS5A, SS0A, SS4A, SS4A, SS7A, U40A, SS9A, S49A, HHAR, R58B, R58B, T42A, FNO, WMOK, WMOK, R54A, TUL1, OKCS, OKCFA, R55A, R55A, U38A, CBN, CBN, R53A, R59A, R51A, S44A, S44A, R58A, R50A, R50A, SIUC, SIUC, USIN, USIN, MNTX, MGMO, MGMO, R49A, WCI, WCI, Q53A, Q52A, Q54A, Q54A, Q55A, Q59A, Q58A, M57A, M57A, Q51A, Q51A, CCM, CCM, Q48A, Q48A, Q49A, Q49A.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like OLIL, Q60A, Q60A, T35A, AMTX, AMTX, BLO, SLM, SLM, P51A, P51A, P56A, P56A, P57A, SDMD, P58A, P58A, P52A, P48A, P49A, U32A, P50A, P59A, P60A, P60A, O52A, O52A, O51A, MVL, O53A, 319A, 319A, ACSO, ACSO, O58A, O48A, O57A, 121A, 121A, 121A, P43A, P43A, P43A, P43A, O48A, O59A, O60A, O44A, O44A, SSPA, SSPA, SSPA, SFIN, SFIN, N55A, LUPA, N51A, N51A, N51A, N54A, N54A, N58A, N58A, N58A, N58A, N61A, N61A, N59A, N59A, N60A, HDIL, HDIL, K5U, M50A, M50A, M50A, M50A, ODNJ, M57A, M55A, M54A, M56A, M56A, M58A, ANMO, ANMO, ANMO, N41A, M60A, K5PA, M59A, TUC, TUC, TUC, L53A, M62A, M63A, CBKS, CBKS.

ERPA	Erie	47.51	1	P	Iamb	P	00 47 15.7 -1.4
L47A	Sherwood	47.52	356	P	P	P	00 47 16.0 -1.2
L57A	Andrews Acres	47.53	4	P	P	P	00 47 16.7 -0.6
N38A	Joos South For	47.54	347	P	P	P	00 47 16.4 -1.0
L49A	Milan	47.56	357	P	P	P	00 47 17.0 -0.5
L56A	Greenwood	47.62	3	P	P	P	00 47 17.3 -0.8
L55A	Hinsdale	47.62	3	P	P	P	00 47 17.4 -0.6
L54A	Sinclairville	47.64	2	P	P	P	00 47 17.3 -0.8
L58A	Harry Jones Me	47.66	5	P	P	P	00 47 18.4 +0.1
AAM	Ann Arbor	47.75	357	P	Iamb	P	00 47 18.1 -0.8
L60A	Shokan	47.77	7	P	P	P	00 47 19.3 +0.1
BINY	Binghamton	47.80	5	P	P	P	00 47 19.2 -0.2
T25A	Trinidad	47.84	335	P	P	P	00 47 21.7 +1.6
L59A	Walton	47.88	6	P	P	P	00 47 20.3 +0.3
K54A	Basiliko Farm,	48.04	2	P	P	P	00 47 20.5 -0.7
L61A	Hillsdale 1, H	48.06	7	P	P	P	00 47 21.5 +0.2
214A	Organ Pipe Nat	48.13	323	P	Iamb	P	00 47 22.3 +0.2
214A	Organ Pipe Nat	48.13	323	P	P	P	00 47 23.6 +1.4
K52A	Tilsonburg	48.17	0	P	P	P	00 47 21.2 -1.0
N35A	Tabor	48.17	345	P	P	P	00 47 21.7 -0.6
K50A	Casco	48.19	358	P	P	P	00 47 22.0 -0.3
K55A	Perry	48.19	3	P	P	P	00 47 21.5 -0.9
K47A	Vermontville	48.20	356	P	P	P	00 47 21.4 -1.0
K49A	Clarkson	48.22	358	P	P	P	00 47 21.8 -0.8
K46A	Dorr	48.27	355	P	P	P	00 47 21.5 -1.5
K48A	Perry	48.27	357	P	P	P	00 47 22.0 -1.0
K57A	Scipio Center	48.29	4	P	P	P	00 47 22.4 -0.7
QUA2	Belchertown	48.31	9	P	Iamb	Iamb	00 47 22.3 -1.0
K58A	Earlville	48.39	5	P	Iamb	Iamb	00 47 22.9 -1.0
K58A	Earlville	48.39	5	P	P	P	00 47 23.6 -0.3
X18A	Snowflake	48.41	328	P	Iamb	Iamb	00 47 24.7 +0.3
K60A	Five Rivers En	48.43	7	P	P	P	00 47 25.1 +0.9
SCIA	State Center	48.60	348	P	P	P	00 47 23.4 -1.3
MEDO	Medina	48.60	2	P	Iamb	Iamb	00 47 23.4 -2.1
J52A	Paris	48.63	0	P	P	P	00 47 24.7 -1.1
J54A	Appleton	48.70	2	P	Iamb	Iamb	00 47 24.9 -1.4
K50A	Kaye Redlock	48.73	337	P	P	P	00 47 28.6 +1.8
W18A	Petrified Fore	48.74	328	P	P	P	00 47 27.3 +0.3
W18A	Petrified Fore	48.74	328	P	P	P	00 47 28.3 +1.3
J47A	Summer	48.75	356	P	P	P	00 47 25.3 -1.3
J48A	Bridge Port	48.75	357	P	P	P	00 47 26.0 -0.7
J49A	Marlet	48.79	358	P	P	P	00 47 25.8 -1.1
J56A	Wolcott	48.80	4	P	Iamb	Iamb	00 47 25.7 -1.4
J56A	Wolcott	48.80	4	P	Iamb	Iamb	00 47 27.0
J56A	Wolcott	48.80	4	P	P	P	00 47 26.4 -0.7
SDCO	Great Sand Dun	48.82	334	Iamb	Iamb	P	00 47 29.8
SDCO	Great Sand Dun	48.82	334	P	P	P	00 47 28.8 +1.2
J57A	Williamstown	49.00	5	P	Iamb	Iamb	00 47 26.3 -2.3
JFWS	Jewell Farm	49.03	351	Iamb	Iamb	P	00 47 28.5
JFWS	Jewell Farm	49.03	351	P	P	P	00 47 28.2 -0.6
J60A	Lant Hill Farm	49.11	7	P	P	P	00 47 30.0 +0.6
X16A	Listowel	49.19	360	P	PcP	P	00 48 54.3 +1.1
J59A	Piesco	49.20	6	P	Iamb	Iamb	00 47 29.1 -1.0
J59A	Piesco	49.20	6	P	P	P	00 47 30.6 +0.3
ACCN	Adirondack Com	49.22	7	P	Iamb	Iamb	00 47 31.4
J62A	Henniker	49.31	9	P	P	P	00 47 32.0 +1.0
I49A	Point Hope	49.35	358	P	Iamb	Iamb	00 47 32.4 -1.8
BGNE	Belgrade	49.37	343	P	P	P	00 47 30.8 -0.7
S22A	4UR Ranch, Cre	49.41	333	P	Iamb	Iamb	00 47 32.1 -0.1
S22A	4UR Ranch, Cre	49.41	333	P	P	P	00 47 33.5 +1.3
I47A	Gladwin	49.51	357	P	P	P	00 47 31.6 -0.8
I57A	Carthage	49.55	5	P	P	P	00 47 32.7 -0.1
I59A	Olmsteadville	49.60	7	P	P	P	00 47 32.9 -0.2
I48A	Sherman Twp	49.63	357	P	P	P	00 47 32.7 -0.7
Y14A	Wickenburg	49.66	325	P	Iamb	Iamb	00 47 34.2 +0.3
Q24A	Divide	49.69	335	P	Iamb	Iamb	00 47 34.1 -0.3
Q24A	Divide	49.69	335	P	P	P	00 47 35.7 +1.3
I60A	Shoreham	49.71	7	P	P	P	00 47 34.5 +0.5
MVCO	Mesa Verde	49.76	331	P	Iamb	Iamb	00 47 34.5 -0.3
MVCO	Mesa Verde	49.76	331	P	PcP	P	00 48 56.2 +0.7
MVCO	Mesa Verde	49.76	331	P	P	P	00 47 35.7 +0.9
I42A	Drager Farm,	49.80	352	P	Iamb	Iamb	00 47 34.5
I42A	Drager Farm,	49.80	352	P	P	P	00 47 35.3 +1.5
WUAZ	Wupatki	49.91	327	Iamb	Iamb	P	00 47 38.5
WUAZ	Wupatki	49.91	327	P	P	P	00 47 37.6 +1.7
I61A	Oroboro, Fair	49.95	8	P	P	P	00 47 36.4 +0.7
DELO	Deloro Mine	49.99	3	Iamb	Iamb	P	00 47 35.6
H53A	Bobcaygeon	50.01	2	P	P	P	00 47 35.0 -1.2

H52A	Wyevale	50.04	1	P	P	P	00 47 35.1 -1.4
I40A	Norwalk	50.05	351	P	Iamb	P	00 47 35.3 -1.3
H55A	Tweed	50.05	4	P	P	P	00 47 35.4 -1.2
H47A	Mic	50.07	357	P	P	P	00 47 36.0 -0.7
H57A	Richville	50.10	5	P	P	P	00 47 36.0 -0.9
GLA	Glamis	50.12	322	P	Iamb	P	00 47 37.6 +0.3
GLA	Glamis	50.12	322	P	P	P	00 47 38.7 +1.4
H48A	Harrisville	50.13	358	P	P	P	00 47 34.9 -2.2
H56A	Elgin	50.16	4	P	P	P	00 47 36.5 -0.8
H58A	Gabriels	50.18	6	P	P	P	00 47 36.8 -0.8
OGNE	Ogallala	50.21	335	P	P	P	00 47 37.4 -0.5
H45A	Desid	50.22	355	P	P	P	00 47 36.5 -1.3
H43A	Windswept, Lux	50.23	354	P	P	P	00 47 36.7 -1.2
LBNH	Lisbon	50.29	8	P	P	P	00 47 39.4 +1.0
GLMI	Grayling	50.32	357	P	P	P	00 47 36.3 -2.3
Y12C	Blythe	50.42	323	P	Iamb	Iamb	00 47 40.4 +0.8
Y12C	Blythe	50.42	323	P	P	P	00 47 41.1 +1.6
H59A	Cadyville	50.46	7	P	P	P	00 47 39.1 -0.6
H60A	Morristown	50.50	8	P	P	P	00 47 40.1 +0.1
PV01	Paradox Valley	50.53	332	P	Iamb	Iamb	00 47 40.8 +0.1
PV01	Paradox Valley	50.53	332	P	P	P	00 47 43.0
PLVO	Plevna	50.55	4	P	Iamb	Iamb	00 47 39.2 -1.1
G53A	Halibourg	50.55	2	P	P	P	00 47 39.0 -1.3
H61A	Lynnville	50.58	8	P	P	P	00 47 41.1 +0.5
PDMCI	Parker Dam, Lak	50.58	324	P	P	P	00 47 42.1 +1.3
ISCO	Idaho Springs	50.59	335	Iamb	Iamb	P	00 47 43.1
ISCO	Idaho Springs	50.59	335	P	PcP	P	00 48 59.4 +0.9
G45A	Suttons Bay	50.60	356	P	P	P	00 47 39.7 -1.0
G47A	Hillman	50.63	357	P	P	P	00 47 40.2 -0.7
IKP	In-Ko-Pah, Jac	50.63	321	P	P	P	00 47 42.9 +1.6
SMCO	Snowmass	50.65	334	Iamb	Iamb	P	00 47 50.2
FRNY	Flat Rock	50.66	7	Iamb	Iamb	P	00 47 42.4
I37A	Lemond, Wasca	50.66	348	Iamb	Iamb	P	00 47 41.6
PV02	Paradox Valley	50.67	332	Iamb	Iamb	P	00 47 43.9
H62A	Milazanza, M	50.73	9	P	P	P	00 47 42.5 +0.8
PV05	Paradox Valley	50.74	331	Iamb	Iamb	P	00 47 44.1
PV03	Paradox Valley	50.76	332	Iamb	Iamb	P	00 47 44.3
G57A	Newington	50.77	5	P	P	P	00 47 41.0 -0.9
G55A	Calabogie	50.78	4	P	P	P	00 47 41.1 -0.9
PV18	Skein Mesa, Pa	50.78	332	Iamb	Iamb	P	00 47 44.3
PV11	David Mesa, Pa	50.81	332	Iamb	Iamb	P	00 47 45.4
PV07	Paradox Valley	50.81	332	Iamb	Iamb	P	00 47 45.0
PV16	Nyswonger Mesa	50.84	332	Iamb	Iamb	P	00 47 44.9
G54A	Lake Saint Pet	50.85	3	P	P	P	00 47 41.3 -1.3
PV19	Morning Glory	50.87	332	P	P	P	00 47 42.0 -1.2
PV20	West Nyswonger	50.88	332	P	Iamb	Iamb	00 47 42.2 -1.0
PV04	Paradox Valley	50.90	332	P	Iamb	Iamb	00 47 43.3 0.0
BC3	Big Chucawall	50.91	323	P	P	P	00 47 44.6 +1.1
PV14	Lion Creek, Pa	50.94	332	P	Iamb	Iamb	00 47 42.9 -0.8
G59A	Clarensville	50.95	7	P	P	P	00 47 43.1 -0.2
PV10	Paradox Valley	50.95	332	P	Iamb	Iamb	00 47 43.5 -0.3
PV22	Blue Mesa, Par	50.95	332	P	Iamb	Iamb	00 47 43.6 -0.1
PV23	Carpenter Ridge	50.99	332	P	P	P	00 47 43.6 -0.5
W13A	Hualapai Mount	51.00	325	P	Iamb	Iamb	00 47 44.2 0.0
H63A	New Sharon	51.00	10	P	P	P	00 47 45.0 +1.2
BAR	Garret	51.01	321	P	P	P	00 47 43.1 -1.0
G60A	Masonville	51.07	8	P	P	P	00 47 44.8 +0.5
IRM	Iron Mountain	51.07	323	P	P	P	00 47 45.7 +1.2
U15A	North Rim	51.09	327	P	PcP	P	00 47 45.4 +0.5
ECSO	EROS Data Cent	51.12	345	Iamb	Iamb	P	00 47 44.6
ECSO	EROS Data Cent	51.12	345	P	P	P	00 47 44.2 -0.4
F49A	Sandfield	51.16	359	P	P	P	00 47 43.0 -1.9
F52A	Sundridge	51.20	1	P	P	P	00 47 43.3 -1.9
F45A	CMU Biological	51.23	356	P	P	P	00 47 44.1 -1.3
F48A	Evansville	51.23	359	P	P	P	00 47 43.7 -1.8
G61A	St-Adore-de-	51.37	9	P	P	P	00 47 47.4 +0.9
ALGO	Algonquin Park	51.41	3	P	P	P	00 47 45.2 -1.6
109C	Camp Elliot, M	51.42	321	P	Iamb	Iamb	00 47 46.9 -0.2
G62A	West of Eustis	51.46	9	P	P	P	00 47 48.2 +1.0
BELO	Bellevue Mtn. Jos	51.48	322	P	P	P	00 47 48.6 +0.9
XPFO	Pion Flat	51.49	322	P	P	P	

Table of radio stations with columns for call sign, frequency, power, and other technical details. Includes stations like HVU Hansel Valley, MDND Madcock, OMMB Old Mammoth Mi, etc.

Table of radio stations with columns for call sign, frequency, power, and other technical details. Includes stations like DBIC Dimbokro, KIC Kosi Boka, VNA3 Neumayer Olymp, etc.

Table of radio stations with columns for call sign, frequency, power, and other technical details. Includes stations like WB0 Warramunga Arr, AAK Ala-Archina, SONM Songino Array, etc.

PGC 22.00:48:52.1-0.0, 67.42N-135.80W, h1km, ML3.5/2, 58km west of Fort McPherson, Nt Nw Territories - Nunavut, Canada, Northwest Territories

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like INK Inuvik, DAWY Dawson, BVCY Beaver Creek, etc.

THE 22.00:51:34.6, 38.38N-20.47E, h8km, ML2.6/11, Error ellipse: s-maj=0.9km s-min=0.2km az=156.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like VSK1 VASILIKIADES, KEF1 Kardakata, KEF2 Konidatara, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YPP, H17A, 435B, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Z47A, SPMN, SPMN, etc.

1199

Table with columns: TEIG, comp-Z, location, time, and status. Includes entries like V51A Loudon, O48A Farmland, J45A Montague, etc.

2014 MAR

Table with columns: J48A, H48A, M50A, M50A, O51A, O52A, Y55A, PAULI, U54A, R53A, L50A, P52A, X55A, J49A, T54A, G47A, KM5C, KM5C, M51A, O52A, J5C, J5C, K50A, Q53A, V55A, S54A, E46A, X56A, U55A, I49A, I49A, P53A, N52A, I57A, R54A, T55A, O53A, D46A, Z57A, Q54A, M52A, M52A, BIRD, S55A, Y57A, BLA, BLA, E47A, N53A, N53A, P54A, W57A, W57A, F49A, M53A, O54A, O54A, D47A, Q55A, Z58A, F49A, Y58A, Y58A, K52A, I51A, P55A, MCWV, MCWV, E48A, L53A, N54A, N54A.

22d 0h

Table with columns: ALLY, A57A, R56A, TGUH, ERPA, ERPA, M54A, M54A, Q56A, DLBC, DLBC, DLBC, U58A, N55A, L54A, R57A, H52A, V59A, O56A, O56A, M55A, M55A, N56A, F51A, W5VY, P57A, P57A, M56A, M56A, J54A, J54A, J54A, SADO, SADO, SADO, Q58A, S5PA, MEDO, MEDO, F52A, D50A, E51A, H53A, G53A, D51A, L56A, L56A, L56A, J55A, J55A, BESE, T60A, M57A, M57A, SDMD, O58A, E52A, I55A, G54A, P5AGS, DELO, DELO, L57A, ALGO, P59A, YKA, M58A, J56A, J56A, J56A, PECO, PECO, H55A, H55A, K57A, E53A, SKAG, PLVO, PLVO, D53A, D53A, D53A, N59A, BINY, BINY, E54A, G55A.

22d Oh

2014 MAR

1200

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes stations like Williamstown, Telford, Elgin, Lehigh Univ, Waymart, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes stations like Inuvik, Reindeer, Harding Lake, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes stations like Scoresbysund, Samuel, TBI, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like FINES, MORF, BREA, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like SUW, FETA, GERES, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like HHC, HHC, HHC, etc.

IDD 22:01:07:43.0:0.7, 7:49N-94:48E, h0km, mb4.0/13, Mb1 4.0/14, mb1mx3.9/43, mbtmp3.9/14, MS3.1/4, Ms1 3.2/4, ms1mx3.0/54, Error ellipse: s-maj=36.1km s-min=15.4km az=48.0

NEIC 22:01:07:44.9:1.4, 7:40N:0:09:94:4E:0.1, h10km, 1km, mb4.3/17, Error ellipse: s-maj=20.5km s-min=14.0km

ISC 22:01:07:47.2:0.6, 7:4N:0:1:94:4E:0.1, h24km, n41, 0:97/35, mb4.2/18, Nicobar Islands region

Table with columns: Code, Station, Frequency, Power, Mode, and other parameters. Includes stations like LHMI, PSI, RPSI, etc.

22d 1h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like LGNH Logne, LOPBE Hotel El Peder, and many others.

2014 MAR

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KEST Kesra, GERES Geres, and many others.

1202

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PACA Tecapa, JUCU Jucuarjn, and many others.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, MKAR Makanchi Array, etc.

SJA 22:02:09.04:2.1, 30.605:71.28W, h69km, 21km, M.L3.0, MW3.2

GUC 22:02:09.05:9.0, 70.365:71.28W, h59km, 4km, M.L3.8

ISC 22:02:09.06:1.6, 30.635:0.04:71.30W, 0.09, h45km, 19km, n18, c084/28, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CO03 El Pedregal, G004 Tololo Observa, G004 Tololo Observa, etc.

IASPEI 22:14:50.6:0.8, 32.87N:0.02:116.49W:0.02, h16km, 5km, Error ellipse: s-maj=2.8km s-min=2.5km az=58.8, 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, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

ANF 22:02:14:50.2:0.2, 32.86N:116.49W, h17km, 1km, M.L2.5/15, Error ellipse: s-maj=2.5km s-min=1.4km az=12.0

NEIC 22:02:14:50.8:0.5, 32.87N:0.01:116.49W:0.01, h17km, 3km, Error ellipse: s-maj=2.1km s-min=1.3km az=200.0

PAS 22:02:14:51.5:1.1, 32.86N:0.01:116.49W:0.01, h13km, 4km, M.L2.7/129, Error ellipse: s-maj=1.9km s-min=1.5km az=216.0

SCEDC 22:02:14:51.6:32.86N:116.49W, h12km

ISC 22:02:14:50.7:0.8, 32.87N:0.02:116.49W:0.02, h16km, 5km, n68, c058/102, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MONP2 Monument Peak, CBKC Canebrake, BAR Barrett, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GORC Green Oak Ranch, GORC SIDA, J Saunders Pla, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SME Santa Rosa Min, SME Blackrock camp, BELC Belle Mtn. Jct., etc.

DJA 22:02:17:46.2:0.6, 8°N, 9°E, 1°1', h10km, M4.5/7, mb4.5/7, MLv4.5/6, Mw(mb)3.9/1

ISC 22:02:17:55.0:0.8, 7.57N:94.52E, h0km, mb4.0/12, mb1.4, 1/12, mb1mx3.9/4.1, mbtmp4.0/12, Error ellipse: s-maj=17.8km s-min=17.8km az=52.0

NEIC 22:02:17:56.8:2.0, 7.50N:0.09:94.50E:0.08, h10km, 1km, mb4.3/17, Error ellipse: s-maj=18.2km s-min=10.4km az=38.0

ISC 22:02:17:56.7:0.5, 7.47N:0.09:94.46E:0.09, h10km, n57, c186/54, mb4.2/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LHMI Lok Sumawe, LHMI Lok Sumawe, MSLI Meulaboh, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GEYT Alibeck, GEYT Alibeck, GYAB ALIBECK ARRAY, etc.

ISU 22:02:21:23.6:4.1, 06°N, 73.43E, h5km

KRNET 22:02:21:24.9:0.1, 41.06N:73.44E, h20km, mb3.1

NNC 22:02:21:25.7:0.4, 11°N:73.45E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=5.4km s-min=3.6km az=171.0

SOME 22:02:21:25.0:4.1, 12°N:73.42E, h15km

KNET 22:02:21:26.0:0.4, 41.16N:73.48E, h10km, 2km, ml2.5, Error ellipse: s-maj=3.4km s-min=2.4km az=58.0

ISC 22:02:21:24.5:1.3, 41.09N:73.54E:0.02, h5km, 11km, n62, c1935/101, 23C-18D, Kyrgyzstan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Franklin, Eue Claire, Rib Lake, TKL, etc.

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

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

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

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

NEIC 22 03:34:21.8, 1.4, 5.5S:0.1, 152.6E:0.2, h42km, 9km, mb4.1/7, Error ellipse: s-maj=25.1km s-min=11.5km

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

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

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

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

NEIC 22 04:00:42.7, 1.9, 20.46S: 168.87E, h0km, mb4.0/6, mb1.4/2.7, mb1mx3.9/38, mbmtmp4.0/7, ML3.9/1, MS3.5/4, Ms1.3.5/4, ms1mx3.1/30, Error ellipse: s-maj=85.1km s-min=23.9km az=14.0

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

SJA 22 04:09:50.3, 0.8, 33.97S: 70.26W, h146km, 9km, ML2.8, M13.0

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

IDC 22 04:13:18.8, 2.4, 6.78S: 128.78E, h0km, mb3.4/1, mb1.3/3, mb1mx3.1/52, mbmtmp3.2/3, ML3.1/2, MS4.1/1, Ms1.4/1, ms1mx2.8/22, Error ellipse: s-maj=148.4km s-min=34.2km az=67.0, Banda Sea

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

IDC 22 04:18:25.2, 5.0, 37.33N: 72.11E, h202km, 37km, mb3.2/1, mb1.3/1.8, mb1mx2.8/55, mbmtmp3.8/8, Error ellipse: s-maj=66.4km s-min=22.4km az=146.0

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

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

WEL 22 04:23:05.6, 36'S; 111°17'8"E, h12km, M3.6/9, ML3.8/9, MLv3.6/9, Error ellipse: s-maj=0.0km s-min=0.0km

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

ECX 22 04:47:28.4±0.8, 30°45'N; 114°13'W, h11km, 26km, MD3.8, ML4.0

NEIC 22 04:47:31.2±1.6, 30°41'N; 07°11'4"E, h10km, 2km, MD4.0(B/MEX), Error ellipse: s-maj=12.8km s-min=6.7km

ICC 22 04:47:32.7±2.5, 30°34'N; 113°7'2"W, h0km, mb3.7/1, mb1 3.5/5, mb1mx3.4/35, mbtm3.3/15, ML3.1/4, MS3.2/13, Ms1 2.3/13, ms1mx3.1/45, Error ellipse: s-maj=38.2km s-min=12.9km az=26.0

MEX 22 04:47:33.2±0.4, 30°36'N; 114°13'W, h3km, 6km, MD4.0, ISC 22 04:47:30.7±1.0, 30.37°N; 0.06°E; 114.24°W, h0.05, h10km, n57, e=171/49, MS3.3/5, 2-C-1D, Gulf of California

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

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

KEA 22 05:05:09.0±0.4, 154°N; 123°13'E, h0km, ML2.4/2, Northeastern China

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

NIED 22 05:05:00.34'10N; 135°10'E, h5km, Mw3.5 Best double couple: M1.181000°-1014 NP133°344 00000°, 368.00000°, 1.80.00000°; NP23°189.00000°, 825.00000°; 113.00000°

JMA 22 05:05:10.4, 34.05°N; 135°16'E, h6km, km, M3.6 Broadband fault plane solution: P waves. NP1: phi=159.00000°, 841.00000°, 1.58.00000°. NP2: phi=18.00000°, 856.00000°, 1.15.00000°. Principal axes: T: Plg68.00000°, Azm341.00000°; N: Plg20.00000°, Azm184.00000°; P: Plg8.00000°, Azm91.00000°

JMA Felt III J1 YPA 22 05:05:11.3±2.7, 34°01'N; 135°17'E, h15km, 18km, mb3.4/5, mb1 3.4/8, mb1mx3.3/47, mbtm3.3/48, ML3.0/3 Error ellipse: s-maj=21.5km s-min=14.1km az=151.0

ISC 22 05:05:10.4±1.1, 34.04°N; 135°14'E, h0.03, h8km, 9km, n23, c=72/27, mb3.4/5, 1C-6D, Near south coast of western Honshu

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

AUST 22 05:15:01.0±0.6, 30°46'S; 138°40'E, h6km, 5km, Error ellipse: s-maj=7.7km s-min=4.6km az=178.0

ICC 22 05:15:02.5±2.2, 25°52'S; 139°43'E, h0km, mb1 3.1/3, mb1mx3.0/31, mbtm2.8/3, ML2.8/3 Error ellipse: s-maj=18.0km s-min=15.7km az=54.0

ISC 22 05:14:58.3±0.9, 30°34'S; 0°07'138°53'E, h0.05, h10km, n7, e=201/12, South Australia

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

ISC 22 05:17:49.2±8.3, 7°06'N; 93°54'E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/50, mbtm3.3/4, Error ellipse: s-maj=430.2km s-min=26.4km az=58.0, Nicobar Islands region

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

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

IDC 22 05:23:16.6±1.6, 2°9'S; 131°11'E, h0km, mb3.9/2, mb1 4.1/4, mb1mx3.6/34, mbtm3.9/4, ML3.8/2, Error ellipse: s-maj=83.5km s-min=21.9km az=84.0, Irian Jaya region

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

IDC 22 05:47:01.4±3.6, 5°37'S; 152°31'E, h60km, 26km, mb3.4/6, mb1 3.7/1, mb1mx3.5/27, mbtm3.7/7, ML0.9/1, MS3.5/1, Ms1 3.5/1, ms1mx2.5/26, Error ellipse: s-maj=53.3km s-min=11.9km az=115.0

ISC 22 05:46:58.8±1.2, 5°44'S; 152°50'E, h2.0, h40km, n10, e=142/11, mb3.3/76, New Britain region

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

IDC 22 05:56:05.8±0.7, 17°33'S; 69°34'W, h121km, 5km, mb4.1/11, mb1 4.1/15, mb1mx4.0/29, mbtm4.5/15, MS3.1/3, Ms1 3.1/3, ms1mx2.8/25, Error ellipse: s-maj=18.0km s-min=14.1km az=62.0

NEIC 22 05:56:05.4±1.6, 18°06'S; 0°05'69°61'W, h0.08, h125km, 4km, Error ellipse: s-maj=11.3km s-min=6.9km az=110.0

GUC 22 05:56:06.3±0.7, 18°10'S; 69°61'W, h124km, 3km, ML4.3 VAO 22 05:56:08.6±0.9, 17°92'S; 69°30'W, h149km, 7km, mb4.6

ISC 22 05:56:07.0±0.4, 18°07'S; 0°03'69°61'W, h0.05, h120km, 4km, h120km; p-P, n147, e150/170, mb4.6/38, 9C-1D, Northern Chile

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ATAH, CPUP, ROCI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YKA, H11N3, H11N2, etc.

ADC 22 06:11:06.5: 1.7, 1.05N, 127.57E, h0km, mb3.7/4, mb1.3/0.4, mb1mx2.2/36, mbmp4.2/14, ML2.4/1, MS3.5/2, s-maj=14.7km s-min=21.5km az=67.0, DJA 22 06:11:07.0: 0.5, 1.1N4, x12.8E, h10km, M3.6/6, mb3.9/1, MLV3.5/6, ISC 22 06:11:08.4: 1.3, 1.15N, 101.120:09E, 0.10, h23km, n7, @162/8, mb3.9/4, Halmahera

ADC 22 06:17:59.0: 0.8, 1.788S, 174.03W, h0km, mb4.2/13, mb1.4/4.14, mb1mx2.2/36, mbmp4.2/14, ML2.4/1, MS3.5/2, s-maj=15.2km s-min=13.0km az=135.0, NEIC 22 06:18:03.2: 0.0, 1.809S, 0.10: 173.8W, 0.1, h27km, 3km, mb4.5/22, Error ellipse: s-maj=16.6km s-min=14.1km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIUE, AFI, AFJ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NV11, TPV, MOD, etc.

JMA 22 06:18:12.3: 0.1, 37.46N, 141.59E, h42km, 2km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JFK, JFJ, JMT, etc.

MKAR				PcP	07 34 12.5 +1.2
MKAR				ScP	07 37 43.5 -1.6
MAKZ	Makanchi	39.97 307	P	Pmax	07 32 10.3 +0.3
MAKZ				Pmax	
MAKZ	comp=Z,3.0nm,0.8s				
MAKZ	Makanchi	39.97 307	P	P	07 32 10.3 +0.3
TIXI	Tiksi	40.42 359	P	P	07 32 12.3 -1.0
TIXI				Pmax	
TIXI	comp=Z,4.0nm,0.8s				
PSI	Prapat	40.98 233	P	P	07 32 20.0 +1.2
PSI				Pmax	
PSI	comp=Z,12nm,0.8s				
RPSI	Rantau Prapat	41.06 232	P	I	07 32 20.0 +0.7
RPSI				Iamb	07 32 21.6
BILL	Bilibino	42.30 19	eP	P	07 32 24.8 -3.9
BILL				Pmax	
KURK	Kurchatov	42.59 313	ceP	P	07 32 31.6 +0.3
KURK				Pmax	
KURK	comp=Z,3.0nm,0.6s				
KURK	Kurchatov	42.59 313	P	P	07 32 31.3 0.0
KURBB	Kurchatov	42.64 312	P	P	07 32 31.9 +0.2
KURBB	comp=Z,1.4nm,0.4s,baz=95,slow=6.5,SNR=24			pP	
KURBB				P	07 33 07.3 +0.5
KURBB	comp=Z,0.5nm,0.7s,baz=101,slow=8.4,SNR=1.7			PcP	
KURBB				P	07 34 19.8 -0.9
GSI	Gurungstoli	42.99 232	P	P	07 32 34.8 -0.2
PMG	Port Moresby	43.56 156	P	P	07 32 38.9 -0.6
PMG	Port Moresby	43.56 156	P	P	07 32 39.2 -0.3
PMG				Pmax	
PMG	comp=Z,17nm,1.3s				
PMG	Port Moresby	43.56 156	P	I	07 32 39.1 -0.3
PMG				Iamb	07 32 42.0
MTN	Mannton Dam	43.89 179	P	I	07 32 41.9 -0.1
MTN				Iamb	07 32 42.4
MTN	comp=Z,14nm,1.0s				
KSH	Kashi	44.48 296	P	P	07 32 49.5 +2.7
KSH				pP	07 33 24.1 +2.0
KSH				PcP	07 34 29.1 +1.7
KSH				P	07 39 12.3 +2.4
KSH				ScS	07 42 27.8 0.0
KSH				P	07 32 50.4 -0.4
NRK	Noril'sk	45.07 340	P	ScP	07 38 05.2 -0.7
NRK	comp=Z,2.3nm,0.5s,baz=121,slow=4.8,SNR=5.3				
NRK	Noril'sk	45.07 340	iP	P	07 32 49.5 -1.3
NRK				Pmax	
NRK	comp=Z,8.0nm,1.9s				
AAK	Ala-Archa	45.29 301	P	P	07 32 52.4 -0.8
AAK	Ala-Archa	45.29 301	ceP	P	07 32 53.2 +0.1
AAK				Pmax	
AAK	comp=Z,4.0nm,1.3s				
AAK	Nilore	45.29 301	P	P	07 32 53.7 +0.6
NIL		47.69 289	P	P	07 33 12.0 +0.2
NIL				Iamb	07 33 20.5
NIL	comp=Z,9.0nm,0.4s				
BVAR	Borovoye Array	47.86 315	P	P	07 33 13.4 +0.6
BVAR	comp=Z,5.2nm,0.5s,baz=98,slow=9.4,SNR=43			PcP	
BVAR				P	07 34 38.4 -0.4
BRVK	Borovoye	47.93 315	ceP	P	07 33 13.8 +0.5
BRVK				Pmax	
BRVK	comp=Z,6.0nm,0.6s				
BRVK	Borovoye	47.93 315	P	I	07 33 13.4 +0.1
BRVK				Iamb	07 33 14.8
KK31	Karatay Array	48.16 302	P	P	07 33 15.3 +0.1
KK31				Pmax	
KK31	comp=Z,3.0nm,0.7s				
KK31	Karatay Array	48.16 302	P	P	07 33 15.3 +0.1
KKAR	Karatay Array	48.16 302	P	P	07 33 15.3 +0.1
KKAR				P	07 33 15.3 +0.1
FITZ	Fitzroy Crossi	49.31 186	P	P	07 33 24.9 +0.7
FITZ	comp=Z,0.9nm,0.5s,baz=14,slow=7.2,SNR=16				
FITZ	Fitzroy Crossi	49.31 186	P	I	07 33 24.8 +0.7
FITZ				Iamb	07 33 28.0
WBO	Warramunga Arr	50.91 175	P	P	07 33 36.3 +0.1
WRA	Warramunga Arr	51.09 175	P	P	07 33 37.5 0.0
WRA	comp=Z,0.5nm,0.5s,baz=35,slow=7.6,SNR=5.2				
WRA	Warramunga Arr	51.09 175	ceP	P	07 33 36.4 -1.1
WRA				Pmax	
WRA	comp=Z,1.0nm,0.5s				
WRA	Warramunga Arr	51.09 175	P	P	07 33 36.9 -0.6
WRA				P	07 33 37.8 +0.3
ANM	Nome	51.21 30	P	P	07 33 40.0 +2.1
ANM				Pmax	
ANM	comp=Z,5.0nm,1.5s				
RDG	Red Dog Mine	52.71 26	P	P	07 33 50.2 +1.3
RDG				Iamb	07 33 50.3
CTA	Charters Tower	53.32 161	P	P	07 33 54.8 +0.8
KDAK	Kodiak Island	54.63 311	P	P	07 34 03.9 +0.6
ABKAR	Arti	54.65 320	iP	P	07 34 03.8 +0.6
ARU				P	07 35 03.9
ARU				S	07 36 04.4
ARU				S	07 41 44.6 +1.4
ARU	comp=Z,3.0nm,0.4s			Pmax	
ARU	Arti	54.65 320	P	P	07 34 04.1 +0.8
AS31	Alice Springs	54.75 176	P	P	07 34 04.9 +0.5
ASAR	Alice Springs	54.75 176	P	P	07 34 04.9 +0.5
SVW2	Sparrevohn	55.54 35	P	P	07 34 11.0 +1.4
SVW2				Iamb	07 34 27.7
IMAR	Indian Mount	56.16 29	P	P	07 34 14.5 +0.6
PPLA	Purkeypille	57.01 32	P	P	07 34 21.5 +1.4
PPLA				Iamb	07 34 23.0
OHAK	Old Harbor	57.09 39	P	P	07 34 20.8 +0.3
KDAK	Kodiak Island	57.39 38	P	P	07 34 23.0 +0.3
KDAK				Pmax	
KDAK	comp=Z,3.9nm,1.3s				
KDAK	Kodiak Island	57.39 38	P	P	07 34 23.0 +0.3
MLY	Manley	57.47 30	P	P	07 34 24.4 +1.2
KTH	Kantishna Hill	57.52 31	P	I	07 34 24.4 +0.8
KTH				Iamb	07 34 38.4
SUA	Susitna One	57.84 34	P	P	07 34 25.9 +0.1
SUA				Iamb	07 34 28.5
MCK	McKinley	58.39 31	P	P	07 34 29.2 -0.3
MCK				Pmax	
MCK	comp=Z,4.0nm,1.0s				
MCK	McKinley	58.39 31	P	I	07 34 29.2 -0.3
MCK				Iamb	07 34 32.0
RND	Reindeer	58.47 31	P	P	07 34 30.6 +0.5
RND				Pmax	
RND	comp=Z,4.0nm,1.0s				
RND	Reindeer	58.47 31	P	I	07 34 30.6 +0.5
RND				Iamb	07 34 31.2
SEW	Seward	58.66 35	P	P	07 34 31.1 -0.3
WRH	Wood River Hill	58.66 30	P	P	07 34 33.4 +2.1
COB	Clear Creek Bu	58.76 30	P	P	07 34 32.0 +0.5
SML	Sawmill	58.93 33	P	P	07 34 35.5 +2.1
SML				Pmax	
SML	comp=Z,8.0nm,1.0s				
SML	Sawmill	58.93 33	P	I	07 34 35.5 +2.1
SML				Iamb	07 34 46.2
ILAR	Eielson Array	59.13 30	P	P	07 34 34.8 +0.1
ILAR	comp=Z,0.5nm,0.7s,baz=277,slow=6.6,SNR=7.2			pP	
ILAR				P	07 35 11.5 -0.8
ILAR	comp=Z,0.2nm,0.6s,baz=287,slow=8.8,SNR=2			P	
ILAR	Eielson Array	59.13 30	P	P	07 34 33.7 -1.0
HDA	Harding Lake	59.16 30	P	P	07 34 37.1 +2.2
SCM	Sheep Creek Mo	59.40 33	P	P	07 34 37.9 +1.3
SCM				Pmax	
SCM	comp=Z,17nm,1.3s				
SCM	Sheep Creek Mo	59.40 33	P	P	07 34 37.9 +1.3

SCM	comp=Z,17nm,1.3s			Iamb	07 34 40.3
BMAR	Burnt Mountain	59.66 26	P	P	07 34 39.8 +1.5
SCRK	Sand Creek	60.51 30	P	P	07 34 44.3 +0.1
GLB	Galahina Butte	61.12 33	P	P	07 34 49.9 +1.6
GLB				Iamb	07 34 50.0
VRDI	Verde Repeater	61.34 33	P	P	07 34 50.8 +0.8
VRDI				Iamb	07 35 02.2
MORW	Morawa	61.55 194	P	P	07 34 51.6 +0.2
EPYK	Eagle Plains	62.92 27	P	P	07 35 00.5 +0.3
EPYK				Iamb	07 35 01.8
TMCR	Tamitsa	63.28 331	eP	P	07 35 00.1 -2.4
TMCR				Pmax	
DZM	Mont Dzumak	63.36 142	P	P	07 35 05.0 +1.4
DZM	comp=Z,7.9nm,0.9s,baz=181,slow=18,SNR=5.7				
DZM	Mont Dzumak	63.36 142	Iamb	Iamb	07 35 04.9 +1.3
DZM				P	07 35 06.0
INK	Inuvik	63.53 24	P	P	07 35 04.6 +0.5
INK				Pmax	
INK	comp=Z,9.0nm,1.5s				
INK	Inuvik	63.53 24	P	I	07 35 04.6 +0.5
INK				Iamb	07 35 05.8
KLMR	Klimovskoe	63.59 327	eP	P	07 35 00.0 -4.6
KLMR				Pmax	
KLMR	comp=Z,20nm,1.7s				
KLMR	Klimovskoe	63.59 327	eP	P	07 35 00.0 -4.6
KLMR				AMP	07 35 08.3
STKA	Stevens Creek	63.73 169	P	P	07 35 06.3 +0.6
STKA	comp=Z,0.7nm,0.4s,baz=343,slow=11,SNR=1.8				
STKA	Stevens Creek	63.73 169	P	P	07 35 06.2 +0.4
SPAO	Spitsbergen Arr	64.28 348	P	P	07 35 08.9 0.0
KBS	Kingsbay	64.63 349	P	P	07 35 11.6 +0.4
KBS				Pmax	
KBS	comp=Z,23nm,1.0s				
KBS	Kingsbay	64.63 349	P	P	07 35 11.6 +0.4
KEV	Kevo	65.43 338	P	P	07 35 16.2 -0.2
KEV				Pmax	
KEV	comp=Z,54nm,1.5s				
KEV	Kevo	65.43 338	P	P	07 35 16.2 -0.2
VRH	Novokhopovskoy	65.49 316	eP	P	07 35 15.5 -1.6
VRH				Pmax	
ARCES	ARCCESS Array B	66.00 338	P	P	07 35 19.8 -0.3
ARCES	comp=Z,4.6nm,0.6s,baz=55,slow=6.8,SNR=30				
ARCES	ARCCESS Array B	66.00 338	P	P	07 35 19.9 -0.2
ARCES	ARCCESS Array B	66.00 338	P	P	07 35 19.9 -0.2
ARCES	ARCCESS Array S	66.00 338	P	P	07 35 20.0 -0.1
C36M	Paulutok	66.33 22	P	P	07 35 22.3 +0.2
JOF	Joensuu	66.54 30	P	P	07 35 22.7 -0.9
JOF				Pmax	
JOF	comp=Z,13nm,0.9s				
LPSR	Galich ya Gora	66.62 318	eP	P	07 35 23.3 -1.0
LPSR				Pmax	
VSR	Storozhevoye	66.99 317	iP	P	07 35 26.0 -0.6
VSR				Pmax	
VSR	comp=Z,10.0nm,0.7s				
VSR	Storozhevoye	66.99 317	iP	P	07 35 26.0 -0.6
OBN	Obninsk	67.00 321	ceP	P	07 35 25.9 -0.7
OBN				P	07 35 52.2
OBN	comp=Z,8.0nm,0.9s				
ZEI	Tsey	67.10 307	eP	P	07 35 27.3 -0.5
ZEI				Pmax	
ZEI	comp=Z,10.0nm,0.6s				
KBZ	Khabaz	67.43 308	P	P	07 35 30.8 +1.2
KBZ	comp=Z,13nm,0.7s,baz=79,slow=7.7,SNR=27				
KBZ	Khabaz	67.43 308	iP	P	07 35 30.7 +1.2
KBZ				Pmax	
KBZ	comp=Z,20nm,0.9s				
ONI	Oni	67.48 307	P	P	07 35 32.2 +2.2
KIV	Kislodovsk	67.49 309	iP	P	07 35 32.1 +2.0
KIV	Kislodovsk	67.49 309	eP	P	07 35 31.6 +1.6
KIV				Pmax	
KIV	comp=Z,55nm,1.0s				
KIV	Kislodovsk	67.49 309	P	I	07 35 31.9 +1.9
KIV				Iamb	07 35 33.6
SHA1	Shidzhatmaz	67.59 308	iP	P	07 35 31.6 +0.7
BGD	Bogdanova	67.89 306	P	P	07 35 35.3 +2.5
AKH	Akhalkalaki	67.91 306	iP	P	07 35 34.7 +1.8
AKH	Akhalkalaki	67.91 306	P	P	07 35 34.3 +1.5
AKH				Pmax	
AKH	comp=Z,8.0nm,0.8s				
AKH	Akhalkalaki	67.91 306	P	I	07 35 34.3 +1.5
AKH				Iamb	07 35 35.5
BKA	comp=Z,7.7nm,0.8s				
BKA		69.19 306	iP	P	07 35 41.6 +1.0
FINES	FINESS Array B	69.39 330	P	P	07 35 41.1 -0.3
FINES	comp=Z,14nm,0.6s,baz=69,slow=5.8,SNR=116				
FINES	FINESS Array B	69.39 330	P	P	07 35 40.9 -0.5
RES	Resolute Bay	70.24 12	P	P	07 35 46.6 +0.2
RES				Pmax	
RES	comp=Z,1.0nm,1.3s				
RES	Resolute Bay	70.24 12			

22d 8h

Table with columns: KBA, Coelbreinsper, 83.58 322, i P, P, 07 37 01.8 +0.1, etc. Includes stations like MYKA, FUR, ABTA, WTTA, AHRW, etc.

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

JMA 22 07:49:00.6:0.1, 40'.38N:142'.27E, h40km, 1km, M3.6, JMA Felt 1 J1.
IDC 22 07:49:04.2:3.6, 40'.57N:141'.73E, h48km, 27km, mb3.4/3, mb1 3.3/6, mb1mx3.0/42, mbtmp3.4/6, ML2.9/2, Error ellipse: s-maj=67.3km s-min=30.6km az=112.0

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

IDC 22 07:50:48.1:4.0, 16'.21N:145'.31E, h0km, mb3.8/7, mb1 3.8/7, mb1mx3.5/44, mbtmp3.8/7, MS2.0/1, Ms1 2.0/1, ms1mx1.9/33, Error ellipse: s-maj=155.0km s-min=27.1km az=84.0, Mariana Islands

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

IDC 22 08:18:12.3:2.1, 9'.30S:125'.28E, h0km, mb3.2/1, mb1 3.6/3, mb1mx3.4/32, mbtmp3.4/3, ML3.6/2.0, Error ellipse: s-maj=162.6km s-min=33.7km az=57.0, Timor region

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

2014 MAR

MKAR Makanchi Array 67.70 330 P P 08 29 11.6 0.0
0.1nm, 0.5s, baz=130, slow=8.1, SNR=2.1

NEIC 22 08:29:27.2:1.6, 24'.6S:0'.1x179'.9E:0.2, h541km, 9km, mb4.3/4.0, Error ellipse: s-maj=21.3km s-min=20.0km az=102.0
IDC 22 08:29:29.4:5.2, 24'.68S:179'.31E, h511km, 28km, mb3.4/3, mb1 3.6/4, mb1mx3.1/27, mbtmp4.4/4, Error ellipse: s-maj=57.1km s-min=39.9km az=58.0

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

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

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

BJJ 22 08:35:33.5:0.0, 23'.18N:94'.22E, h77km, mb4.8/24, mb4.4/35, Ms4.4/7, Ms7.4/32
NEIC 22 08:35:34.2:1.3, 22'.98N:07'.94', 25E:0.07, h86km, 6km, mb4.5/46, Error ellipse: s-maj=11.3km s-min=8.2km az=217.0

MOS 22 08:35:34.1:0.9, 22'.98N:94'.31E, h100km, mb4.4/27, Error ellipse: s-maj=13.6km s-min=5.3km az=117.4
IDC 22 08:35:34.5:1.4, 22'.89N:94'.19E, h91km, 13km, mb3.9/17, mb1 4.0/19, mb1mx3.8/37, mbtmp4.2/19, MS3.0/2, Ms1 3.0/2, ms1mx2.6/38, Error ellipse: s-maj=16.5km s-min=9.7km az=39.0

NDI 22 08:35:35.1:1.4, 23'.09N:94'.24E, h39km, 999km, ML4.3, mb4.5(NEIC)
IDC 22 08:35:35.2:0.3, 22'.99N:07'.94', 25E:0.04, h100km, n190, s194/205, mb4.4/53, 10C-13D, Myanmar

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

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

1210

Large table with columns: PKIN, Phulchoki, 9.18 302, ePn, Pn, 08 37 42.9 +2.1, etc. Includes stations like KKN, DMN, GKN, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like DGZ, KK31, KK33, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like STAL, BBOO, NRCA, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like LOMA, BOOS, UUES, etc.

22d 11h

Table with columns: CESE, eme, 0.30 152, PG, Pp, 10 14 24.9 -0.2, KSC0, Kaye Shedlock, 4.24 299, Pn, 10 25 31.4 +1.1, KDJ, baz=37, 11/S, Sg, 10 33 01.7 +0.1

ANF 22 10:24:24.0-0.9, 36:197N-97:96W, h0km, ML3.9/7, Error ellipse: s-maj=16.5km s-min=6.9km az=40.0

NEIC 22 10:24:25.7-0.8, 37:08N-104:97.84W, h0km, mb1.2km, mb_Lg3.0/71, Error ellipse: s-maj=6.3km s-min=3.2km az=149.0

ISC 22 10:24:25.5-0.9, 37.04N-103.97E, h10km, n65, e097/57, Kansas

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

2014 MAR

Table with columns: P38A, Dawn, 4.28 52, Pn, 10 25 30.9 +0.3, ARXS, Arharly, 1.7nm, 0.1s, eS, Sg, 10 33 03.0 -0.6

NNC 22 10:32:15.9-0.8, 42:92N-78:77E, h0km, 3km, mb2.3, mpv2.8, Error ellipse: s-maj=7.0km s-min=3.1km az=167.0

KRNET 22 10:32:16.4-0.1, 42:92N-78:77E, h10km, mb2.4

SOME 22 10:32:16.8, 42:97N-78:77E, h10km

ISC 22 10:32:16.1-1.0, 42.91N-78.78E, 0.03, h11km, gkm, n28, e054/54, GC-2D, Lake Issyk-Kul region

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

1212

Table with columns: ARXS, Arharly, 1.7nm, 0.1s, eS, Sg, 10 33 03.0 -0.6, ARXS, Arharly, 1.7nm, 0.1s, S, P, 10 32 43.5 -0.1

IDC 22 10:39:28.6-3.6, 6:31N-93:56E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/41, mbtmp3.7/5, Error ellipse: s-maj=145.6km s-min=25.6km az=59.0, Nicobar Islands region

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

IDC 22 10:51:51.5-7.8, 7:12N-93:88E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/40, mbtmp3.5/4, MS2.9/4, Ms1 2.9/4, ms1mx2.7/31, Error ellipse: s-maj=392.0km s-min=25.7km az=59.0, Nicobar Islands region

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

NIED 22 11:05:00.33:70N, 131:90E, h80km, Mw4.3, Best double couple: M3.60000-0.015, NP1=0.351, 0.00000, 0.600, 0.00000, 0.107, 0.00000, NP2=0.190, 0.00000, 0.310, 0.00000, 0.107, 0.00000, BJI 22 11:05:33.2-0.0, 33:44N, 132:47E, h87km, mb4.8/29, mb4.5/43, Ms4.4/8, Ms7.4/3/3

MOS 22 11:05:37.7-1.0, 33:62N, 131:74E, h87km, mb4.5/25, Error ellipse: s-maj=8.9km s-min=5.2km az=100.6

IDC 22 11:05:39.1-0.4, 33:71N, 131:77E, h83km, 3km, mb4.0/19, mb1 4.2/24, mb1mx4.1/38, mbtmp4.3/24, MS3.2/8, Ms1 3.2/8, ms1mx2.9/39, Error ellipse: s-maj=10.4km s-min=6.6km az=125.0

NEIC 22 11:05:39.2-1.1, 33:66N, 131:90E, h77km, 3km, mb4.2/19, mb4.6/81, Error ellipse: s-maj=9.1km s-min=6.8km az=151.0

JMA 22 11:05:39.0, 33:68N, 131:90E, h77km, 3km, M4.2, Broadband fault plane solution: P waves. NP1: p=173.00000, s=177.00000, t=187.00000, NP2: p=356.00000, s=373.00000, t=391.00000. Principal axes: T Plg62.0000, Azm267.0000, N Plg1.0000, Azm175.0000, P Plg28.0000, Azm85.0000; JMA Felt III J1

ISC 22 11:05:38.9-0.4, 33:67N, 131:91E, 0.03, h81km, 3km, n211, e192/231, mb4.5/75, 15C-3D, Kyushu

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

22d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like KASI Kota Agung, WBSI Waikabubak, BNSI Bone, etc.

KRNET 22 11:46:12.3-0.1, 40.59N:77.24E, h8km, mb3.4
SOME 22 11:46:12.2, 40.68N:77.33E, h0km
NCC 22 11:46:14.0-2.1, 40.52N:77.78E, h0km, mb4.1, mpv3.8,
Error ellipse: s-maj=14.7km s-min=10.1km az=166.0
ISC 22 11:46:12.0-2.0, 40.55N:0.08-77.28E:0.03, h4km, 12km,
n71, c179/111, 30C-19D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like NRR Naryn, NRN baz=11, KDJ Kajisay, etc.

2014 MAR

Table with columns: SATY, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like SATY Saty, SATY Saty, SATY Saty, etc.

1214

Table with columns: ARXS, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like ARXS Arharly, ARXS Arharly, ARXS Arharly, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PATCX Punta Patache, TA01 Diego Aracena, PB08 IPOC Station P, etc.

NIC 22 11:59:15.7, 0.0, 33.60N, 31.89E, h12km, 10km, M12.6/2
G11 22 11:59:18.9, 0.4, 33.36N, 31.97E, h40km, M12.4/1
ISC 22 11:59:15.9, 1.9, 33.48N, 0.04, 31.8E, 0.1, h35km, n21,
+0599/33, 1C, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OSC2 CSN Obs 4, SZAC Souni, SZAC 0.3nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBRI Mt Berech, MBRI Elat, EIL Elat, etc.

IDC 22 12:02:50.2, 2.6, 6.99S, 128.02E, h0km, mb3.1/1,
mb1 3.3/3, mb1mx3.2/26, mbtmp3.1/3, ML3.2/2, Error
ellipse: s-maj=136.4km s-min=33.1km az=65.0, Banda
Sea

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

NIED 22 12:16:00.38, 30N, 144.60E, h5km, Mw3.8 Best double
couple: M6.58000, 1014, NP1, 203.00000, 869.00000,
-1.88.00000, NP2, 18.00000, 821.00000, -1.9.00000,
IDC 22 12:16:20.0, 1.2, 38.19N, 144.98E, h0km, mb3.5/4,
mb1 3.7/7, mb1mx3.5/45, mbtmp3.6/7, ML3.2/3, MS2.7/3,
M11 2.7/3, ms1mx2.4/35, Error ellipse: s-maj=29.1km
s-min=24.1km az=81.0

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

JMA 22 12:16:24.5, 0.1, 38.29N, 144.60E, h45km, M4.0
ISC 22 12:16:23.9, 1.1, 38.32N, 0.05, 144.73E, 0.08, h26km, n33,
e1983/49, mb3.5/4, Off east coast of Honshu

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

IDC 22 12:22:22.6, 3.3, 21.22S, 70.05W, h0km, mb3.7/1,
mb1 3.6/2, mb1mx3.4/18, mbtmp3.5/2, ML3.1/1, Error
ellipse: s-maj=116.6km s-min=45.4km az=100.0

GUC 22 12:22:25.0, 0.1, 9.20NS, 70.78W, h23km, 4km, ML3.3
ISC 22 12:22:24.0, 1.9, 19.99S, 0.03, 70.77W, 0.09, h9km, 10km,
n19, e1910/28, 7C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSGC Pisagua, PATCX Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LPAZ Torodi Arr, etc.

IDC 22 12:22:25.4, 1.0, 7.27N, 94.118E, h0km, mb3.9/10,
mb1 4.0/10, mb1mx3.8/42, mbtmp3.9/10, MS2.9/4,
Ms1 2.9/4, ms1mx2.6/47, Error ellipse: s-maj=50.8km
s-min=17.8km az=51.0

NEIC 22 12:22:26.6, 1.1, 7.26N, 0.08, 94.26E, 0.10, h10km, 1km,
mb4.2/20, Error ellipse: s-maj=16.4km s-min=12.2km
az=248.0

ISC 22 12:22:28.4, 0.6, 7.30N, 0.09, 94.33E, 0.09, h20km, n60,
e1983/49, mb4.2/20, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LHMI Lhok Sumawe, RPSI Rantauapat, etc.

IDC 22 12:40:15.4, 2.2, 4.89N, 122.99E, h0km, mb3.4/3,
s-maj=415.2km s-min=25.4km az=59.0, Nicobar Islands
region

Azm68.0000": N 0.2009, Plg2.0000": Azm162.0000": P -3.1962, Plg27.0000": Azm254.0000": P...

ISC 22 12:59:57.0±0.6, 19.825±0.02:70.94W,0.03,h4km,3km, n1659,-28.26121, m185,9/26.1,MS6.1/449,27C-9D, Near coast of northern Chile

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

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

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

22d 12h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like GOGA Godfrey, Y57A Sumter, X54A Westbrook Farm, etc.

2014 MAR

Table with columns for station ID, name, frequency, and signal strength. Includes stations like U59A Littleton, Y45A Yeager Farm, V54A Nebo, etc.

1220

Table with columns for station ID, name, frequency, and signal strength. Includes stations like S59A baz=173, T52A Halie, T52A comp=Z,96nm,1.1s, etc.

22d 12h

N48A	baz=165,SNR=17	S	S	13 18 35.9	-4.5
QUA2	baz=165 Belchertown comp=Z,11um,20.0s	61.80 359	IAMs_20 IAMs_20	13 38 15.0	
M52A	baz=165 Chesterland comp=Z,76nm,0.8s	61.81 351	IAMB IAMB	13 10 30.2	
M52A	comp=Z,17um,21.0s		IAMs_20 IAMs_20	13 38 35.4	
M52A	baz=169	61.81 351	P P	13 10 15.9	-1.0
M52A	baz=169		S S	13 18 38.2	-2.6
L59A	Walton comp=Z,11um,20.0s	61.81 357	IAMs_20 IAMs_20	13 37 55.4	
L59A	Walton	61.81 357	P P	13 10 17.2	+0.2
L59A	baz=176,SNR=12		S S	13 18 40.7	-0.2
O44A	baz=176	61.86 345	IAMs_20 IAMs_20	13 38 56.1	
U32A	Mansfield comp=Z,14um,20.0s	61.87 335	IAMB IAMB	13 10 56.1	
U32A	Winter Ranch, comp=Z,123nm,1.0s	61.88 356	IAMB IAMB	13 10 40.1	
B1NY	Binghamton comp=Z,128nm,1.1s	61.88 356	P P	13 10 17.6	+0.1
B1NY	Binghamton baz=175,SNR=8.6		S S	13 18 42.0	+0.2
B1NY	baz=175	61.89 360	IAMB IAMB	13 10 59.7	
WES	Weston comp=Z,76nm,1.1s	61.89 360	IAMs_20 IAMs_20	13 36 07.4	
N47A	Urbana comp=Z,123nm,0.9s	61.93 347	IAMB IAMB	13 10 31.9	
N47A	comp=Z,15um,20.0s		IAMs_20 IAMs_20	13 38 24.8	
N47A	Urbana	61.93 347	P P	13 10 16.0	-1.7
N47A	baz=164,SNR=8.7		S S	13 18 37.2	-5.1
M50A	Fremont comp=Z,153nm,1.1s	61.94 350	IAMB IAMB	13 11 10.4	
M50A	comp=Z,15um,20.0s	61.94 350	P P	13 10 16.7	-1.1
M50A	Fremont		S S	13 18 38.5	-4.0
L56A	baz=167 Greenwood comp=Z,13um,19.0s	61.95 354	IAMs_20 IAMs_20	13 41 12.0	
L56A	Greenwood	61.95 354	P P	13 10 17.8	-0.1
L56A	baz=173,SNR=8.2		S S	13 18 42.7	0.0
L61B	baz=173	61.98 359	P P	13 10 16.4	-1.6
L61B	Northampton baz=178		S S	13 18 42.0	-1.0
HRV	Adam Dzewiowski comp=Z,115nm,1.0s	62.02 359	P pmax	13 10 17.4	-0.9
HRV	Adam Dzewiowski	62.02 359	IAMB IAMB	13 10 41.0	
HRV	comp=Z,115nm,1.0s		IAMs_20 IAMs_20	13 36 21.7	
HRV	Adam Dzewiowski comp=Z,12um,20.0s	62.02 359	P P	13 10 18.2	-0.6
HRV	Adam Dzewiowski baz=179		IAMB IAMB	13 10 29.7	
HSIG	HSIG comp=Z,238nm,1.9s	62.04 320	IAMs_20 IAMs_20	13 35 30.9	
L53A	Girard comp=Z,110um,19.0s	62.06 352	P P	13 10 18.1	-0.6
L53A	baz=170,SNR=14		S S	13 18 42.6	-1.5
L55A	Hinsdale baz=170	62.08 354	P P	13 10 18.8	0.0
L55A	baz=172,SNR=13		S S	13 18 43.9	-0.4
M49A	Liberty Center baz=172	62.17 349	P P	13 10 18.1	-1.3
M49A	baz=166,SNR=16		S S	13 18 41.8	-3.5
K62A	Royalston comp=Z,11um,21.0s	62.19 359	IAMs_20 IAMs_20	13 38 26.0	
K62A	Royalston	62.19 359	P P	13 10 20.3	+0.9
K62A	baz=179		S S	13 18 45.0	-0.5
ERPA	Erie comp=Z,170,SNR=12	62.19 352	P P	13 10 19.0	-0.5
ERPA	baz=170		S S	13 18 44.3	-1.3
K63A	Dunstable baz=179	62.20 360	P P	13 10 19.1	-0.4
K61A	Williamstown baz=178	62.22 358	P P	13 10 19.8	+0.2
K61A	baz=178		S S	13 18 46.6	+0.7
L54A	Sinclairville baz=178	62.23 353	P P	13 10 19.3	-0.5
L54A	baz=171,SNR=30		S S	13 18 45.7	-0.4
VN43	Neumayer Olymp Troy	62.27 161	P P	13 10 22.9	+3.2
TRY	comp=Z,13um,20.0s	62.29 358	IAMs_20 IAMs_20	13 38 40.9	
M48A	Edgerton comp=Z,11um,18.0s	62.32 348	IAMs_20 IAMs_20	13 42 31.0	
M48A	Edgerton	62.32 348	S S	13 18 43.1	-4.2
WVNY	West Valley, N comp=Z,13um,22.0s	62.32 354	IAMs_20 IAMs_20	13 38 11.8	
M47A	Cromwell baz=164	62.38 348	S S	13 18 43.1	-4.9
K59A	Cooperstown baz=176,SNR=20	62.39 357	P P	13 10 20.6	-0.2
K59A	baz=176		S S	13 18 48.8	+0.7
K58A	Earlville comp=Z,12um,18.0s	62.42 356	IAMs_20 IAMs_20	13 40 44.5	
K58A	Earlville	62.42 356	P P	13 10 19.6	-1.5
K58A	baz=175,SNR=10		S S	13 18 48.4	-0.1
HDIL	Hopedale comp=Z,102nm,0.8s	62.45 344	IAMB IAMB	13 10 33.7	
HDIL	comp=Z,11um,20.0s		IAMs_20 IAMs_20	13 39 26.7	
HDIL	Hopedale	62.45 344	P P	13 10 19.5	-1.7
HDIL	baz=160,SNR=11		S S	13 18 43.7	-5.3
K57A	Scipio Center baz=174	62.45 355	P P	13 10 19.8	-1.4
K57A	baz=174		S S	13 18 48.2	-0.7
K56A	Middlesex baz=173	62.48 355	P P	13 10 20.7	-0.8
K56A	baz=173		S S	13 18 49.1	-0.3
VNA1	Neumayer-Stat Kingsville	62.49 160	P P	13 10 26.9	+5.6
L50A	comp=Z,10um,20.0s	62.52 350	P P	13 10 23.6	+1.9
L50A	baz=167		S S	13 18 45.9	-3.9
K54A	Basillio Farm, baz=172,SNR=14	62.53 354	P P	13 10 21.2	-0.6
K54A	baz=172		S S	13 18 49.8	-0.1
K55A	Perry baz=172	62.58 354	P P	13 10 21.4	-0.7
K55A	baz=172		S S	13 18 50.3	-0.3
L48A	N Adams baz=172	62.71 349	P P	13 10 21.2	-1.7
L48A	baz=166,SNR=17		S S	13 18 48.3	-3.9
J62A	Henniker baz=179	62.74 359	P P	13 10 23.5	+0.4
J62A	baz=179		S S	13 18 52.3	-0.1
L49A	Milan baz=166	62.75 349	P P	13 10 22.0	-1.2
L49A	baz=166		S S	13 18 48.8	-3.8

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J63A	Stafford baz=180	62.79 360	P P	13 10 26.2	+2.8
J63A	baz=180		S S	13 18 52.7	-0.4
P38A	Dawn comp=Z,85nm,0.9s	62.79 341	IAMB IAMB	13 10 36.9	
J60A	Lant Hill Farm baz=177	62.79 358	P P	13 10 23.0	-0.5
J60A	baz=177		S S	13 18 54.8	+1.6
319A	Douglas comp=Z,98nm,1.0s	62.81 323	IAMB IAMB	13 10 40.9	
319A	comp=Z,11um,21.0s		IAMs_20 IAMs_20	13 34 40.2	
121A	Cookes Peak, D baz=141,SNR=19	62.87 325	P P	13 10 25.5	+1.1
121A	baz=141		S S	13 18 57.5	+2.6
J61A	Chester baz=178	62.87 359	P P	13 10 24.6	+0.6
J61A	comp=Z,11um,21.0s		S S	13 18 55.3	+1.2
L47A	Sherwood baz=165,SNR=20	62.88 348	P P	13 10 22.4	-1.7
L47A	baz=165		S S	13 18 49.7	-4.7
AAM	Ann Arbor comp=Z,109nm,1.2s	62.92 349	IAMB IAMB	13 10 38.7	
AAM	comp=Z,13um,20.0s		IAMs_20 IAMs_20	13 40 45.8	
AAM	Ann Arbor	62.92 349	S S	13 18 50.7	-4.0
IM44A	Midewin, Midew comp=Z,15um,19.0s	62.93 346	IAMs_20 IAMs_20	13 41 51.4	
K52A	Tillsonburg baz=170	62.94 352	P P	13 10 23.7	-0.8
K52A	Adirondack Com comp=Z,13um,20.0s	62.94 358	IAMs_20 IAMs_20	13 39 09.2	
K51A	Iona Station baz=169	62.99 351	P P	13 10 26.0	+1.2
K51A	baz=169		S S	13 18 52.1	-3.5
J58A	Remsen comp=Z,120nm,1.3s	62.99 356	IAMB IAMB	13 11 05.5	
J58A	Remsen	62.99 356	P P	13 10 25.7	+0.9
J58A	baz=175		S S	13 18 55.1	-0.6
N41A	Harden Midland comp=Z,117nm,0.8s	63.00 343	IAMB IAMB	13 10 38.1	
N41A	comp=Z,11um,19.0s		IAMs_20 IAMs_20	13 41 51.4	
J61A	Wolcott baz=174	63.02 355	P P	13 10 24.2	-0.7
J61A	baz=174		S S	13 18 55.0	-0.9
J59A	Piesco comp=Z,14um,20.0s	63.06 357	IAMs_20 IAMs_20	13 38 58.3	
J59A	Piesco	63.06 357	P P	13 10 24.9	-0.4
J59A	baz=176,SNR=14		S S	13 18 56.9	+0.4
J57A	Williamstown comp=Z,71nm,0.9s	63.09 356	IAMB IAMB	13 10 41.8	
J57A	comp=Z,11um,18.0s		IAMs_20 IAMs_20	13 42 16.1	
J57A	Williamstown	63.09 356	P P	13 10 25.0	-0.4
J57A	baz=175		S S	13 18 55.7	-1.1
J55A	Hilton baz=173	63.09 354	P P	13 10 25.2	-0.2
J55A	baz=173		S S	13 18 56.1	-0.7
L46A	Eue Claire comp=Z,90nm,0.8s	63.14 347	IAMB IAMB	13 10 38.0	
L46A	comp=Z,13um,21.0s		IAMs_20 IAMs_20	13 38 08.4	
L46A	Eue Claire	63.14 347	P P	13 10 26.1	+0.3
J54A	Appleton comp=Z,11um,21.0s	63.18 354	IAMs_20 IAMs_20	13 38 35.6	
J54A	Appleton	63.18 354	P P	13 10 26.2	+0.1
J54A	baz=172		S S	13 18 57.5	-0.4
K50A	Casco comp=Z,18um,21.0s	63.21 350	IAMs_20 IAMs_20	13 38 49.5	
K50A	Casco	63.21 350	P P	13 10 24.5	-1.7
K50A	baz=168		S S	13 18 54.3	-4.0
I58A	Old Forge baz=176,SNR=7.5	63.31 357	P P	13 10 23.8	-3.1
I58A	baz=176		S S	13 18 59.6	0.0
K5U1	Kansas State U baz=153	63.35 338	P P	13 10 27.2	-0.1
K5U1	baz=153		S S	13 18 58.8	-1.5
K49A	Clarkson baz=167	63.35 350	P P	13 10 27.4	+0.2
K49A	baz=167		S S	13 18 55.7	-4.5
J52A	Paris baz=170,SNR=21	63.36 352	P P	13 10 26.5	-0.7
J52A	baz=170		S S	13 18 57.5	-2.7
I59A	Olmsteadville baz=177,SNR=14	63.36 358	P P	13 10 26.9	-0.3
I59A	baz=177		S S	13 19 01.2	+0.9
I62A	Tamworth comp=Z,170nm,1.5s	63.38 360	IAMB IAMB	13 10 43.4	
I62A	comp=Z,11um,19.0s		IAMs_20 IAMs_20	13 40 04.8	
I62A	Tamworth	63.38 360	P P	13 10 27.7	+0.3
I62A	baz=180		S S	13 19 01.9	+1.4
I60A	Shoreham baz=178,SNR=16	63.39 358	P P	13 10 27.2	-0.2
I60A	baz=178		S S	13 19 02.4	+1.8
I64A	Boothbay baz=181	63.44 1	P P	13 10 28.0	+0.3
I64A	baz=181		S S	13 19 02.0	+0.9
I61A	Oroboro, Fairl baz=179,SNR=13	63.45 359	P P	13 10 28.1	+0.2
I61A	baz=179		S S	13 19 02.6	+1.3
K48A	Perry baz=166,SNR=15	63.48 349	P P	13 10 26.3	-1.8
K48A	baz=166		S S	13 18 57.3	-4.5
K47A	Vermontville baz=165	63.52 348	P P	13 10 26.4	-1.9
K47A	baz=165		S S	13 18 57.8	-4.5
NCB	Newcomb comp=Z,207nm,1.8s	63.55 357	IAMB IAMB	13 10 44.2	
NCB	comp=Z,10um,20.0s		IAMs_20 IAMs_20	13 38 11.3	
I63A	Otisfield comp=Z,11um,19.0s	63.56 0	IAMs_20 IAMs_20	13 40 41.4	
I63A	Otisfield	63.56 0	P P	13 10 28.8	+0.3
I63A	baz=180		S S	13 19 03.5	+0.8
I57A	Carthage baz=175	63.59 356	P P	13 10 27.8	-1.0
I57A	baz=175		S S	13 19 02.3	-0.8
Y22D	IRIS PASSCAL I baz=142	63.61 327	S S	13 19 07.3	+3.2
L44A	Lake County Fo baz=162	63.65 346	P P	13 10 29.0	-0.2
L44A					

SADO Sadowa	64.71	354	LR	LR	13 43 37.4
SADO Sadowa	64.71	354	IAMB	IAMB	13 10 49.4
SADO			IAMS_20	IAMS_20	13 43 44.2
G57A Newington	64.72	357	P	P	13 10 35.7 -0.4
G57A			S	S	13 19 16.4 -0.6
G58A Ormstown	64.72	358	P	S	13 10 36.0 -0.1
G58A			S	S	13 19 18.0 +1.0
G62A West of Eustis	64.73	0	IAMS_20	IAMS_20	13 38 00.3
G62A West of Eustis	64.73	0	P	P	13 10 36.2 0.0
G62A			S	S	13 19 18.9 +1.7
GGN Saint George	64.73	3	IAMB	IAMB	13 11 16.0
GGN			IAMS_20	IAMS_20	13 37 29.4
I47A Gladwin	64.73	349	IAMB	IAMB	13 10 48.9
I47A			IAMS_20	IAMS_20	13 39 24.9
I47A Gladwin	64.73	349	P	P	13 10 36.5 +0.2
I47A			S	S	13 19 12.9 -4.4
I48A Sherman Twp	64.76	350	P	P	13 10 35.0 -1.4
I48A			S	S	13 19 13.2 -4.4
G65A Princeton	64.78	3	IAMS_20	IAMS_20	13 42 45.7
G65A Princeton	64.78	3	P	P	13 10 36.1 -0.4
G65A			S	S	13 19 17.4 -0.3
SCIA State Center	64.78	342	IAMS_20	IAMS_20	13 41 03.6
PKME Peaks-Kenny Pk	64.79	1	IAMB	IAMB	13 11 15.8
PKME			IAMS_20	IAMS_20	13 37 58.0
PKME Peaks-Kenny Pk	64.79	1	P	P	13 10 36.5 -0.1
PKME			S	S	13 19 17.9 0.0
PLVO Plevna	64.79	355	IAMB	IAMB	13 11 25.4
PLVO			IAMS_20	IAMS_20	13 41 36.2
G64A Maxfield	64.79	2	P	P	13 10 36.1 -0.5
G64A			S	S	13 19 18.0 +0.1
G61A St-Isidore-de-	64.79	360	P	P	13 10 36.9 +0.3
G61A			S	S	13 19 19.9 +1.9
I46A Reed City	64.83	348	P	P	13 10 35.0 -1.9
I46A			S	S	13 19 13.7 -4.8
T25A Trinidad	64.85	331	IAMB	IAMB	13 10 48.1
T25A Trinidad	64.85	331	P	P	13 10 37.8 +0.3
T25A			S	S	13 19 21.8 +2.3
JFWS Jewell Farm	64.91	344	IAMB	IAMB	13 10 52.4
JFWS Jewell Farm	64.91	344	IAMS_20	IAMS_20	13 38 32.8
JFWS Jewell Farm	64.91	344	P	P	13 10 36.4 -1.0
JFWS			S	S	13 19 15.8 -3.7
G55A Calabogie	64.97	356	P	P	13 10 37.0 -0.8
G55A			S	S	13 19 19.9 -0.3
G53A Haliburton	65.01	354	P	P	13 10 37.2 -0.8
G53A			S	S	13 19 19.5 -1.1
I45A Fountain	65.07	348	IAMS_20	IAMS_20	13 40 38.9
I45A Fountain	65.07	348	S	S	13 10 36.3 -5.2
N33A J Bar K Exete	65.10	338	IAMS_20	IAMS_20	13 41 45.1
H48A Harrisville	65.20	350	IAMS_20	IAMS_20	13 39 59.8
H48A Harrisville	65.20	350	P	P	13 10 37.8 -1.5
H48A			S	S	13 19 19.2 -3.8
G54A Lake Saint Pet	65.23	354	P	P	13 10 38.6 -0.9
G54A			S	S	13 19 22.4 -1.0
F63A Nahmakanta, Br	65.23	1	IAMB	IAMB	13 11 19.5
F63A			IAMS_20	IAMS_20	13 38 11.7
F63A Nahmakanta, Br	65.23	1	P	P	13 10 40.1 +0.6
F63A			S	S	13 19 23.4 0.0
H47A Mio	65.24	350	P	P	13 10 42.1 +2.5
H47A			S	S	13 19 19.5 -4.1
214A Organ Pipe Nat	65.27	321	IAMB	IAMB	13 11 32.6
214A Organ Pipe Nat	65.27	321	P	P	13 10 42.5 +2.5
214A			S	S	13 19 29.4 +5.0
K38A Parkersburg	65.34	342	IAMS_20	IAMS_20	13 42 40.2
H46A Fife Lake	65.36	349	S	S	13 19 20.4 -4.6
F59A Saint Guillaume	65.38	359	P	P	13 10 41.4 +1.0
F59A			S	S	13 19 25.4 +0.3
F64A Sherman	65.41	2	IAMS_20	IAMS_20	13 38 05.5
F64A Sherman	65.41	2	P	P	13 10 40.4 -0.2
F64A			S	S	13 19 26.0 +0.4
F58A St-Lin Laurent	65.43	358	S	S	13 19 25.7 0.0
F61A St Evariste	65.48	360	P	P	13 10 40.2 -0.9
F61A			S	S	13 19 26.8 +0.4
F60A Warwick	65.48	359	P	P	13 10 40.3 -0.8
F60A			S	S	13 19 26.7 +0.3
I42A Dreyer Farm,	65.51	346	IAMB	IAMB	13 10 54.5
F55A Otter Lake	65.53	356	P	P	13 10 40.9 -0.5
F55A			S	S	13 19 27.1 +0.2
GLMI Grayling	65.53	349	IAMS_20	IAMS_20	13 39 49.1
GLMI Grayling	65.53	349	S	S	13 19 22.5 -4.6
X18A Snowflake	65.56	325	IAMB	IAMB	13 10 53.4
X18A			IAMS_20	IAMS_20	13 37 36.9
K50C Kaye Sheddock	65.62	333	P	P	13 10 43.1 +0.7
G47A Hillman	65.74	350	P	P	13 10 41.3 -1.5
G47A			S	S	13 19 25.7 -3.9

F52A Sundridge	65.75	354	P	P	13 10 41.2 -1.6
F52A			S	S	13 19 28.1 -1.5
ALGO Algonquin Park	65.78	355	P	P	13 10 41.9 -1.2
H43A Windswept, Lux	65.80	347	IAMB	IAMB	13 10 56.6
SDCO Great Sand Dun	65.85	330	IAMB	IAMB	13 11 00.7
SDCO Great Sand Dun	65.85	330	P	P	13 10 44.6 +0.6
SDCO			S	S	13 19 34.0 +2.1
E60A Ste Agathe de	65.88	360	P	P	13 10 42.4 -1.2
E60A			S	S	13 19 31.6 +0.4
W18A Petrified Fore	65.89	326	IAMS_20	IAMS_20	13 38 53.7
W18A Petrified Fore	65.89	326	S	S	13 19 37.0 +4.8
E58A La Victoria	65.91	358	P	P	13 10 43.5 -0.4
E58A			S	S	13 19 32.1 +0.4
I40A Norwalk	65.92	345	IAMS_20	IAMS_20	13 43 56.5
G45A Suttons Bay	65.93	349	IAMB	IAMB	13 11 10.5
G45A Suttons Bay	65.93	349	S	S	13 19 26.9 -5.0
BGNE Belgrade	65.94	338	P	P	13 10 43.9 -0.3
BGNE			S	S	13 19 31.4 -0.8
E61A Lac Etchemin	65.94	0	P	P	13 10 44.2 +0.1
E61A			S	S	13 19 33.0 +0.9
F51A Arris	65.94	353	P	P	13 10 42.8 -1.3
F51A			S	S	13 19 30.2 -1.8
E63A Oxbow	65.97	2	IAMB	IAMB	13 11 24.1
E63A			IAMS_20	IAMS_20	13 38 34.2
E63A Oxbow	65.97	2	P	P	13 10 43.9 -0.4
E63A			S	S	13 19 32.1 -0.2
E57A Chemin Saint G	65.98	358	P	P	13 10 43.6 -0.8
E57A			S	S	13 19 31.7 -0.8
E64A Bridgewater	65.99	2	P	P	13 10 43.9 -0.4
E64A			S	S	13 19 32.9 +0.4
E59A St. Maurice	66.00	359	S	S	13 19 33.4 +0.7
F49A Sandfield	66.05	352	P	P	13 10 42.9 -1.8
F49A			S	S	13 19 29.0 -4.2
G46A Petoskey	66.05	349	S	S	13 19 29.3 -4.1
E55A Montcerf-Lyto	66.12	356	P	P	13 10 44.3 -0.9
E55A			S	S	13 19 34.5 +0.3
E56A St. Veronique	66.16	357	P	P	13 10 44.6 -0.8
E56A			S	S	13 19 34.4 -0.2
E52A Mattawa	66.16	354	P	P	13 10 44.4 -1.1
E52A			S	S	13 19 33.7 -1.0
E53A Dumoine, Ponti	66.17	355	P	P	13 10 44.6 -1.0
E53A			S	S	13 19 34.5 -0.3
E54A Lac Daplat, Po	66.18	355	P	P	13 10 44.7 -0.9
E54A			S	S	13 19 34.2 -0.8
F48A Evansville	66.19	351	P	P	13 10 44.2 -1.4
F48A			S	S	13 19 30.4 -4.7
PQI Presque Isle	66.23	2	IAMB	IAMB	13 11 25.1
PQI			IAMS_20	IAMS_20	13 38 29.1
X16A Lo Mia Camp, P	66.28	324	IAMB	IAMB	13 10 58.4
X16A			IAMS_20	IAMS_20	13 38 20.2
D60A Saint Jean D'O	66.42	0	P	P	13 10 46.8 -0.3
D60A			S	S	13 19 38.9 +1.2
S22A 4UR Ranch, Cre	66.47	330	IAMS_20	IAMS_20	13 41 49.9
S22A 4UR Ranch, Cre	66.47	330	P	P	13 10 48.7 +0.6
S22A			S	S	13 19 41.7 +2.3
E51A G1948 Merrick	66.49	354	P	P	13 10 47.1 -0.5
E51A			S	S	13 19 37.2 -1.5
F45A CMU Biological	66.52	349	P	P	13 10 46.4 -1.4
F45A			S	S	13 19 35.3 -3.7
D57A Chemin Vers le	66.58	358	P	P	13 10 47.7 -0.4
D57A			S	S	13 19 39.6 -0.2
D63A Stockholm	66.59	2	P	P	13 10 47.9 -0.4
D63A			S	S	13 19 40.3 +0.4
D62A Allapont, All	66.61	1	IAMS_20	IAMS_20	13 38 54.2
D62A Allapont, All	66.61	1	P	P	13 10 48.0 -0.3
D62A			S	S	13 19 40.5 +0.4
D58A Chemin du LacG	66.63	359	P	P	13 10 48.2 -0.2
D58A			S	S	13 19 40.2 -0.1
D56A ZEC Manzana, M	66.64	357	P	P	13 10 47.7 -0.9
D56A			S	S	13 19 40.0 -0.6
D55A Sainte-Anne-du	66.65	357	P	P	13 10 47.9 -0.7
D55A			S	S	13 19 39.6 -1.0
Q24A Divide	66.68	331	P	P	13 10 49.8 +0.4
Q24A			S	S	13 19 44.1 +2.2
D61A St Aubert, Com	66.71	1	P	P	13 10 48.9 0.0
D61A			S	S	13 19 42.9 +1.6
E48A Looeyer	66.77	352	P	P	13 10 48.1 -1.3
E48A			S	S	13 19 38.6 -3.5
I37A Lemond, Waseca	66.78	343	IAMS_20	IAMS_20	13 43 30.2
D54A Lac Fusel, La	66.86	356	P	P	13 10 48.5 -1.4
D54A			S	S	13 19 42.1 -1.0
MVCO Mesa Verde	66.86	328	IAMS_20	IAMS_20	13 39 43.4
MVCO Mesa Verde	66.86	328	P	P	13 10 50.8 +0.3
MVCO			S	S	13 19 46.7 +2.6

D53A Lac Vacive, Po	66.87	355	IAMB	IAMB	13 11 33.1
D53A			IAMS_20	IAMS_20	13 44 41.1
D53A comp=Z,13um,18.0s	66.87	355	P	P	13 10 49.2 -0.8
D53A			S	S	13 19 42.2 -1.0
E47A Iron Bridge	66.90	351	P	P	13 10 48.9 -1.3
E47A			S	S	13 19 39.6 -4.1
LATQ La Tuque	66.91	359	IAMB	IAMB	13 11 30.6
LATQ La Tuque	66.91	359	P	P	13 10 49.8 -0.4
LATQ			S	S	13 19 43.5 -0.2
BATG Bathurst New B	66.93	4	IAMB	IAMB	13 11 29.3
E46A Sault Ste Mari	66.98	350	IAMB	IAMB	13 11 24.8
OGNE Ogilala	67.00	335	P	P	13 10 51.1 0.0
OGNE			S	S	13 19 46.5 +1.1
D51A Lot 16 Range I	67.03	354	P	P	13 10 50.0 -1.0
D51A			S	S	13 19 42.7 -2.5
WUAZ Wupatki	67.07	325	IAMS_20	IAMS_20	13 38 33.9
WUAZ Wupatki	67.07	325	P	P	13 10 53.2 +1.5
WUAZ			S	S	13 19 52.2 +5.7
F42A Maple Grove Fa	67.11	347	IAMS_20	IAMS_20	13 40 28.9
G40A Rib Lake	67.11	345	IAMB	IAMB	13 11 13.9
D50A G1974 Best Tow	67.16	353	P	P	13 10 50.8 -1.0
D50A			S	S	13 19 44.3 -2.4
GLA Glamis	67.24	321	P	P	13 10 55.2 +2.5
GLA			S	S	13 19 53.6 +5.2
D48A Paudash Townsh	67.40	352	P	P	13 10 52.0 -1.4
D48A			S	S	13 19 45.6 -4.1
D46A Sault St. Mari	67.44	350	P	P	13 10 52.0 -1.6
D46A			S	S	13 19 45.5 -4.7
D47A Chapleau	67.46	351	P	P	13 10 51.9 -1.9
D47A			S	S	13 19 45.8 -4.6
E43A Lone Tree Farm	67.47	348	IAMB	IAMB	13 11 06.7
E43A			IAMS_20	IAMS_20	13 42 19.3
ECSD EROS Data Cent	67.49	340	IAMB	IAMB	13 11 25.4
ECSD EROS Data Cent	67.49	340	P	P	13 10 52.8 -1.2
ECSD			S	S	13 19 49.3 -1.6
E44A Grand Marais A	67.50	349	IAMS_20	IAMS_20	13 40 49.2
E44A Grand Marais A	67.50	349	S	S	13 19 46.9 -4.0
TAOE Nuku Hiva Isla	67.55	268	eS	S	13 19 45.7 -7.3
TAOE Nuku Hiva Isla	67.55	268	eLR	LR	13 31 04.3
TAOE Nuku Hiva Isla	67.55	268	eT	T	14 23 44.0
TAOE Nuku Hiva Isla	67.55	268	IAMS_20	IAMS_20	13 32 55.8

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K02D	Willamette Mer	78.89	323	P	P	13 12 04.5	+2.9
I04A	Tendick Farm, baz=130	78.92	325	P	P	13 12 02.5	+0.8
G06A	Carlson Farm, comp=Z,9um,20.0s	78.94	327	IAMS_20	IAMS_20	13 48 14.1	
O0K	Oukaimeden SNR=19	78.96	51	P	P	13 12 06.1	+3.5
O0K				P	P	13 12 06.1	+3.5
E08A	Sider Farm, El comp=Z,8um,18.0s	79.01	328	IAMS_20	IAMS_20	13 47 44.9	
F07A	Phiny Hill Vi comp=Z,7um,20.0s	79.03	328	IAMS_20	IAMS_20	13 46 42.5	
HAWA	Hanford comp=Z,9um,19.0s	79.18	328	IAMS_20	IAMS_20	13 46 59.3	
G05D	Wamic, OR baz=132	79.30	326	P	P	13 12 05.5	+1.8
J01E	Myrtle Point baz=130	79.34	324	P	P	13 12 06.9	+3.0
D08A	Wollman Farm, NEW	79.34	329	P	P	13 12 03.2	-0.7
NEW	Newport	79.35	331	Pmax	Pmax	13 12 05.7	+1.8
NEW	comp=Z,70nm,2.6s						
NEW	Newport comp=Z,6um,18.0s	79.35	331	IAMS_20	IAMS_20	13 48 03.7	
NEW	Newport baz=136,SNR=6.2	79.35	331	P	P	13 12 05.2	+1.3
I03D	Drain, OR baz=131	79.37	324	P	P	13 12 05.0	+1.0
H04A	Detroit Lake comp=Z,7um,20.0s	79.39	326	IAMS_20	IAMS_20	13 51 04.9	
E07A	Sunnyside comp=Z,9um,19.0s	79.46	328	IAMS_20	IAMS_20	13 47 16.6	
SRHM	Skhour des Reh SNR=16	79.59	50	P	P	13 12 09.1	+3.5
SRHM				P	P	13 12 09.1	+3.5
O0ZM	OUZ SNR=16	79.62	52	P	P	13 12 11.1	+5.2
O0ZM	OUZ SNR=13			P	P	13 12 11.1	+5.2
F05D	White Salmon baz=132	79.81	327	P	P	13 12 08.6	+2.2
COR	Corvallis	79.92	325	Pmax	Pmax	13 12 05.9	-1.1
COR	comp=Z,157nm,1.2s			MLR	MLR		
COR	comp=Z,5um,20.0s			MLR	MLR		
COR	Corvallis	79.92	325	IAMB	IAMB	13 12 05.8	-1.1
COR	comp=Z,157nm,1.2s					13 12 05.8	-1.1
ZGR	Zagora SNR=15	80.08	53	P	P	13 12 13.1	+4.7
ZGR				P	P	13 12 13.1	+4.7
G03D	McMinville, O SNR=15	80.31	325	P	P	13 12 14.0	+4.9
F04A	Amboy comp=Z,97nm,0.9s	80.34	326	IAMB	IAMB	13 12 25.5	
LTY	Liberty comp=Z,10um,18.0s	80.34	328	IAMS_20	IAMS_20	13 48 43.9	
A0E	Averroes	80.37	50	I/P	I/S	13 12 11.3	+1.6
A0E				P	P	13 12 17.6	+1.1
LON	Lovermire comp=Z,11um,18.0s	80.57	327	IAMS_20	IAMS_20	13 50 55.2	
E04D	Cinebar baz=132	80.83	327	P	P	13 12 14.3	+2.4
D05A	Enumclaw comp=Z,172nm,0.9s	80.96	328	IAMB	IAMB	13 12 28.7	
D05A				IAMS_20	IAMS_20	13 48 03.3	
ZHG	ZHG SNR=8.1	81.00	50	P	P	13 12 18.0	+4.8
ZHG				P	P	13 12 18.0	+4.8
SUR	Sutherland SNR=8.1	81.07	121	P	P	13 12 11.5	-2.4
SUR				IAMB	IAMB	13 12 26.5	
RTC	Rabat Centre SNR=8.1	81.12	49	P	P	13 12 19.0	+5.2
RTC	Rabat Centre	81.12	49	P	P	13 12 13.1	-0.7
E03A	Lebanon comp=Z,158nm,1.2s	81.34	326	IAMB	IAMB	13 12 31.7	
E03A				IAMS_20	IAMS_20	13 47 45.6	
D04E	Lakebay baz=132	81.35	327	P	P	13 12 18.0	+3.4
G0LM	Goulmima SNR=17	81.36	52	P	P	13 12 20.0	+4.7
G0LM				P	P	13 12 20.0	+4.7
P0V1	Vila Bisbo comp=Z,163nm,1.6s	81.42	46	eP	P	13 12 17.4	+2.2
P0V1	Vila Bisbo	81.42	46	eSKS	SKS	13 22 36.1	+0.5
B06A	Marblemont comp=Z,7um,20.0s	81.60	329	IAMS_20	IAMS_20	13 48 17.4	
PTEO	Sao Teotonio comp=Z,312nm,1.7s	81.71	45	P	P	13 12 19.8	+3.0
B05A	Bryant baz=132	81.73	328	P	P	13 12 16.7	+0.1
D03D	Eldon baz=131	81.75	327	P	P	13 12 17.7	+1.0
ARF	Arif SNR=11	81.78	53	P	P	13 12 23.0	+5.6
ARF				P	P	13 12 23.0	+5.6
CZD	Col de Zad SNR=10	81.95	51	P	P	13 12 24.0	+5.5
NLWA	Neilton Lookou comp=Z,10um,18.0s	82.05	327	IAMS_20	IAMS_20	13 51 53.3	
LIS	Lisbon	82.06	44	eP	P	13 12 18.8	+0.1
LIS				eS	S	13 22 33.0	-0.8
LIS				AMS	AMS	13 47 08.5	
LIS	Lisbon comp=Z,15um,16.5s	82.06	44	eP	P	13 12 18.7	+0.1
LIS				eS	S	13 22 33.0	-0.8
LIS				eS	S	13 12 21.1	+2.5
PBDV	Barranco-do-Ve comp=Z,182nm,1.2s	82.08	46	eP	P	13 12 20.8	+2.0
PBDV	Barranco-do-Ve comp=Z,200nm,1.5s	82.08	46	eP	P	13 12 20.8	+2.0
PBDV	Barranco-do-Ve	82.08	46	eSKS	SKS	13 22 43.9	+3.8
PMAFR	Mafrá comp=Z,209nm,1.6s	82.10	44	eP	P	13 12 21.1	+2.3
PMAFR				eSKS	SKS	13 22 37.7	-2.5
IFR	Ifrane	82.13	50	I/P	I/S	13 12 20.8	+1.4
IFR				P	P	13 22 36.9	+1.7
PNCL	Nicolau / Gran comp=Z,106nm,1.8s	82.14	45	eP	P	13 12 21.8	+2.8
PNCL	Nicolau / Gran	82.14	45	eSKS	SKS	13 22 38.1	-2.3
MESJ	Messejana	82.20	45	eP	P	13 12 37.8	+2.5
MESJ				eSKS	SKS	13 22 37.8	+2.5
MESJ				AMS	AMS	13 50 50.4	
MESJ	Messejana comp=Z,12um,26.1s	82.20	45	eP	P	13 12 19.5	+0.2
MESJ				e	P	13 22 37.7	
MESJ	Messejana	82.20	45	eP	P	13 12 22.0	+2.6
PCVE	Castro Verde comp=Z,101nm,1.7s	82.21	46	eP	P	13 12 22.0	+2.6
PCVE	Castro Verde	82.21	46	eSKS	SKS	13 22 42.9	+2.0
SICH	Sidi Chahed SNR=14	82.28	50	P	P	13 12 25.0	+5.1
SICH				P	P	13 12 25.0	+5.1
PVAQ	Vaqueiros SNR=8.2	82.31	46	P	P	13 12 25.1	+5.1
PVAQ				P	P	13 12 25.1	+5.1
PVAQ	Vaqueiros	82.31	46	P	P	13 12 20.1	+0.2
PVAQ	Vaqueiros	82.31	46	eP	P	13 12 22.0	+2.1
PVAQ	Vaqueiros comp=Z,19nm,1.9s	82.31	46	eSKS	SKS	13 22 46.3	+4.7
PVAQ	Vaqueiros	82.31	46	eLR	LR	13 38 49.5	
RSA	Sarsar SNR=12	82.32	49	P	P	13 12 26.0	+5.9
RSA				P	P	13 12 26.0	+5.9
A04D	Lummi Island baz=132	82.34	328	P	P	13 12 22.2	+2.4
TSUM	Tsumeb	82.35	108	P	IAMB	13 12 20.2	-0.6
TSUM				IAMB	IAMB	13 12 26.5	
TSUM	comp=Z,202nm,1.8s						
TSUM	Tsumeb	82.35	108	IAMS_20	IAMS_20	13 45 24.5	
PBEJ	Beja	82.54	45	eP	P	13 12 25.0	+3.9

CHEFC	Chefchaouen SNR=7.8	82.77	49	P	P	13 12 28.0	+5.5
CHEFC				P	P	13 12 28.0	+5.5
IVI	lvigtul comp=Z,190nm,0.9s	82.80	11	P	IAMB	13 12 20.5	-1.4
IVI				IAMB	IAMB	13 12 37.6	
IVI	comp=Z,9um,20.0s			IAMS_20	IAMS_20	13 50 29.3	
SFS	San Fernando	82.85	47	I/P	P	13 12 25.4	+2.6
SFS				S	S	13 22 55.3	+1.3
PMTG	Montargil comp=Z,76nm,1.8s	82.86	44	eP	P	13 12 24.9	+2.2
PMTG	Montargil	82.86	44	eSKS	SKS	13 22 50.7	+5.5
SMIR	SMIR SNR=9.5	83.03	48	P	P	13 12 29.0	+5.3
SMIR				P	P	13 12 29.0	+5.3
PTOM	Tomar comp=Z,164nm,1.6s	83.03	44	eP	P	13 12 25.2	+1.6
CEU	Ceuta	83.15	48	I/P	P	13 12 26.8	+2.5
CEU				S	S	13 22 51.1	+6.1
PESTR	Estremoz	83.17	45	eP	P	13 12 24.9	+0.5
PESTR	Estremoz	83.17	45	eSKS	SKS	13 22 51.0	+3.7
PCAS	Casmilo, Conde comp=Z,114nm,2.1s	83.21	43	eP	P	13 12 27.2	+2.6
PCAS	Casmilo, Conde	83.21	43	eSKS	SKS	13 22 46.7	+1.1
LLBL	Lilloget comp=Z,132nm,1.4s	83.21	330	IAMB	IAMB	13 12 58.6	
LLBL				IAMS_20	IAMS_20	13 50 37.8	
NRS	Narasasujam, 18.0s	83.28	12	IAMS_20	IAMS_20	13 48 39.1	
FRB	Frobisher Bay	83.31	1	P	P	13 12 23.3	-1.2
FRB				Pmax	Pmax		
COI	Coimbra comp=Z,39nm,1.3s	83.35	43	eP	P	13 12 28.1	+2.8
COI	Coimbra	83.35	43	eS	S	13 22 48.4	+1.5
AKLM	AKLM SNR=11	83.53	50	P	P	13 12 31.2	+4.7
AKLM				P	P	13 12 31.2	+4.7
PVLZ	Peen de	83.54	49	I/P	P	13 12 27.7	+1.4
PVLZ				S	S	13 22 51.0	+2.0
PMRV	Marv??o comp=Z,14nm,1.4s	83.60	44	eP	P	13 12 26.4	-0.2
PMRV	Marv??o	83.60	44	eS	S	13 22 52.7	+3.2
PMRV	Marv??o	83.60	44	eLR	LR	13 40 13.5	
LUJA	Ljajar	83.63	47	eP	P	13 12 31.0	+4.1
PCBR	Castelo Branco comp=Z,92nm,1.8s	83.76	44	eP	P	13 12 29.9	+2.5
PVIS	Viseu comp=Z,130nm,2.1s	83.96	43	eP	P	13 12 28.9	+0.4
MTE	Manteigas	84.01	43	IAMB	IAMB	13 12 48.1	
MTE	Manteigas comp=Z,1um,1.2s	84.01	43	eP	P	13 12 30.4	+1.6
MTE	Manteigas	84.01	43	eS	S	13 23 03.4	+1.0
MTE	Manteigas	84.01	43	eLR	LR	13 43 13.5	
TDRA	Tendrara SNR=16	84.17	52	P	P	13 12 35.0	+5.1
TDRA				P	P	13 12 35.0	+5.1
EMAL	Malaga-Limoner	84.24	48	I/P	P	13 12 32.0	+2.1
EMAL				S	S	13 23 07.6	+1.2
PVRL	Vila Real comp=Z,156nm,1.8s	84.37	43	eP	P	13 12 30.8	+0.3
PGAV	Gavieira, Arco comp=Z,203nm,2.0s	84.39	42	eP	P	13 12 29.6	-1.1
PGAV	Gavieira, Arco	84.39	42	eS	S	13 23 03.0	+5.4
PGAV	Gavieira, Arco	84.39	42	eLR	LR	13 42 24.5	
PCAB	Cabril comp=Z,259nm,20.0s	84.41	42	eP	P	13 12 32.1	+1.4
GOG	Mont Gurugu SNR=8.0	84.50	50	P	P	13 12 36.0	+4.6
GOG				P	P	13 12 36.0	+4.6
TAF	Taforal SNR=8.0	84.72	50	P	P	13 12 38.0	+5.4

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 14 19 54.8).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., ZAK, Zakamensk, 149.16 7 ePKIKP pmax).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., GTA, comp=Z,2um,8.3s, 158.93 67 eP).

553A	comp=Z,31nm,0.8s	51.40 345	P	P	13 24 01.6	-0.1
451A	Crawfordville	52.14 344	P	Iamb	13 24 06.5	-0.7
451A	Vernon				13 24 08.8	
BBSR	comp=Z,74nm,1.3s	52.22	7	P	13 24 06.9	-0.9
BBSR	BB Station				13 24 17.0	
TIGA	comp=Z,21nm,0.7s	52.40 346	P	Iamb	13 24 07.4	-1.8
TIGA	Tifton				13 24 23.7	
ZAIG	comp=Z,48nm,1.3s	52.43 322	P	P	13 24 07.9	-2.0
352A	Zacatecas	52.75 345	P	P	13 24 10.6	-1.3
352A	Blakely				13 24 27.4	
CSU	comp=Z,32nm,0.6s	53.23 350	P	P	13 24 14.6	-0.7
Z59A	Charleston So	53.36 351	P	P	13 24 16.8	+0.5
NHSC	comp=Z,169	53.37 350	P	P	13 24 17.7	+1.4
Z58A	New Hope	53.53 351	P	P	13 24 18.8	+1.3
Z57A	St. Stephen	53.64 350	P	P	13 24 19.3	+1.0
Y60A	Bowman	53.97 352	P	P	13 24 21.3	+0.6
GOGA	comp=Z,15nm,1.0s	54.27 347	P	pmax	13 24 21.5	-1.5
GOGA	Godfrey				13 24 22.7	-0.2
Y55A	Saluda	54.46 349	P	P	13 24 24.8	+0.5
Z50A	comp=Z,14nm,0.7s	54.69 345	P	Iamb	13 24 25.2	-0.9
Z50A	Ashland				13 24 36.9	
Z50A	comp=Z,163,SNR=7.7	54.69 345	P	P	13 24 25.8	-0.2
LRAL	Lakeview Retre	54.75 343	P	P	13 24 26.3	-0.2
Y52A	Liburn	54.84 347	P	P	13 24 26.9	-0.2
X56A	White Oak	54.86 350	P	P	13 24 27.4	+0.2
BIRD	Birdtown, Kers	54.92 350	P	P	13 24 27.3	-0.3
BIRD					13 24 29.1	
X55A	comp=Z,25nm,1.0s	54.94 349	P	P	13 24 28.1	+0.3
X55A	Gracelyn & Ava				13 24 28.1	+0.3
HKT	Hockley	55.01 333	P	pmax	13 24 30.1	+1.8
HKT						
W58A	comp=Z,11nm,1.4s	55.10 352	P	P	13 24 29.5	+0.5
W58A	Raeford				13 24 29.5	+0.5
X54A	Belton	55.15 348	P	P	13 24 29.7	+0.3
X53A	Estanolle	55.29 348	P	P	13 24 30.4	+0.1
PAULI	Pauline	55.32 349	P	Iamb	13 24 30.7	+0.2
PAULI					13 24 31.8	
W57A	comp=Z,24nm,1.2s	55.34 351	P	P	13 24 31.6	+0.9
W57A	Gilead				13 24 31.6	+0.9
W56A	Indian Trail	55.41 350	P	P	13 24 31.7	+0.4
KMSC	comp=Z,169	55.55 350	P	P	13 24 32.2	+0.1
KMSC	Kings Mountain				13 24 45.9	
KMSC	comp=Z,20nm,1.1s	55.55 350	P	P	13 24 32.6	+0.4
KMSC	Kings Mountain				13 24 32.6	+0.4
W54A	Cherokee Point	55.64 349	P	P	13 24 33.4	+0.5
X51A	Calhoun	55.69 346	P	P	13 24 33.4	+0.2
V59A	Middlesex	55.71 353	P	P	13 24 33.7	+0.4
FPAL	Fort Pine	55.84 345	P	P	13 24 33.6	-0.7
V58A	Windy Hill, Pi	55.85 352	P	P	13 24 34.8	+0.4
W52A	Murphy	55.99 347	P	P	13 24 34.1	-1.4
V57A	Coltrane Farms	56.03 351	P	P	13 24 36.1	+0.4
V56A	Mocksville	56.06 351	P	P	13 24 36.7	+0.8
X48A	Hartselle	56.11 344	P	P	13 24 35.2	-1.1
V55A	Taylorville	56.22 350	P	Iamb	13 24 36.9	-0.1
V55A					13 24 50.9	
V55A	comp=Z,29nm,1.0s	56.22 350	P	P	13 24 38.1	+1.1
V55A	Taylorville				13 24 38.1	+1.1
U59A	comp=Z,24nm,1.1s	56.24 353	P	Iamb	13 24 37.4	+0.3
U59A	Littleton				13 24 39.4	
U59A	comp=Z,172	56.24 353	P	P	13 24 37.6	+0.5
U59A	Littleton				13 24 37.6	+0.5
V54A	Nebo	56.27 349	P	P	13 24 37.8	+0.4
U58A	Oxford	56.37 353	P	P	13 24 39.1	+1.1
W50A	Signal Mountai	56.40 346	P	P	13 24 37.4	-1.0
CPCT	Cooper Cave	56.46 347	P	Iamb	13 24 38.1	-0.6
CPCT					13 24 53.0	
U57A	comp=Z,30nm,1.4s	56.51 352	P	P	13 24 39.5	+0.5
U57A	Blanch				13 24 39.5	+0.5
SWET	Sewanee	56.56 345	P	P	13 24 38.6	-0.8
U56A	King	56.57 351	P	Iamb	13 24 40.0	+0.5
U56A					13 24 41.4	
U56A	comp=Z,30nm,1.1s	56.57 351	P	P	13 24 40.7	+1.2
U56A	King				13 24 40.7	+1.2
V52A	Sevierville	56.65 348	P	Iamb	13 24 39.8	-0.2
V52A					13 24 40.7	
V51A	comp=Z,31nm,1.0s	56.77 347	P	P	13 24 39.8	-1.1
V51A	Loudon				13 24 50.4	
T59A	comp=Z,24nm,1.2s	56.83 354	P	Iamb	13 24 40.9	-0.4
T59A	Double "B" Far				13 24 54.8	
T59A	comp=Z,23nm,0.8s	56.83 354	P	P	13 24 41.9	+0.6
T59A	Double "B" Far				13 24 41.9	+0.6
U55A	TAZ, Sparta	56.83 350	P	P	13 24 42.0	+0.6
OXF	Oxford	56.83 342	P	P	13 24 40.4	-1.0
OXF						
OXF	comp=Z,46nm,1.2s	56.83 342	P	pmax	13 24 40.4	-1.0
OXF	Oxford				13 24 42.5	
OXF	comp=Z,46nm,1.2s	56.83 342	P	P	13 24 41.1	-0.2
OXF	Oxford				13 24 41.1	-0.2
PLAL	Pickwick Lake	56.89 343	P	P	13 24 39.9	-1.9
T58A	Grand View Acr	56.91 353	P	P	13 24 42.8	+0.9
U54A	Nelsons Funn	56.97 349	P	Iamb	13 24 41.9	-0.6
U54A					13 24 43.5	
U54A	comp=Z,26nm,1.0s	56.97 349	P	P	13 24 42.8	+0.3
U54A	Nelsons Funn				13 24 42.3	-0.6
T57A	Hurt	57.05 352	P	Iamb	13 24 42.3	-0.6
T57A					13 24 45.8	
T57A	comp=Z,47nm,1.4s	57.05 352	P	P	13 24 43.8	+0.9
T57A	Hurt				13 24 43.8	+0.9
T56A	Rocky Mt	57.19 351	P	P	13 24 44.9	+1.0
JCT	Junction City	57.23 330	P	pmax	13 24 44.5	+0.2
JCT						
JCT	comp=Z,8.0nm,0.9s	57.23 330	P	P	13 24 44.5	+0.2
JCT	Junction City				13 24 45.3	+1.0
WLAR	White Oak Lake	57.27 338	P	P	13 24 44.4	-0.1
V46A	Smith Brothers	57.28 345	P	Iamb	13 24 43.6	-1.0
V46A					13 24 45.8	
TZTN	Tazewell	57.32 348	P	P	13 24 44.1	-0.7
TZTN					13 24 58.8	
TZTN	comp=Z,29nm,1.4s	57.32 348	P	Iamb	13 24 44.6	-0.2
TZTN	Tazewell				13 24 44.6	-0.2
T55A	Pulaski	57.39 351	P	P	13 24 45.8	+0.4
BLA	Blacksburg	57.42 351	P	pmax	13 24 45.4	-0.2
BLA						

BLA	comp=Z,19nm,1.1s	57.42 351	P	P	13 24 45.4	-0.2
BLA	Blacksburg	57.42 351	P	P	13 24 45.6	+0.1
T54A	comp=Z,169	57.46 350	P	P	13 24 45.7	-0.1
T54A	Tazewell				13 24 44.2	-1.7
WHTX	Lake Whitney,	57.46 333	P	Iamb	13 24 48.3	
WHTX	WHTX				13 24 46.9	+1.0
WHTX	comp=Z,34nm,1.4s	57.46 333	P	P	13 24 46.9	+1.0
WHTX	Lake Whitney,				13 24 47.7	
CLTN	Cedars of Leba	57.49 345	P	P	13 24 44.7	-1.3
S58A	Poland Farm, P	57.51 353	P	Iamb	13 24 46.9	+0.8
S58A	Poland Farm, P				13 24 46.9	+0.8
T53A	Wise	57.55 349	P	P	13 24 46.5	0.0
T52A	Hallie	57.75 349	P	P	13 24 47.6	-0.3
S56A	Natural Bridge	57.76 352	P	P	13 24 49.1	+1.2
S57A	Dark Hollow, R	57.77 352	P	P	13 24 48.5	+0.5
T51A	Gray	58.00 348	P	P	13 24 48.1	-0.1
R58B	comp=Z,166,SNR=5.3	57.84 353	P	P	13 24 49.3	+0.9
R58B	Miners				13 24 48.5	-0.4
WVT	Waverly	57.91 344	P	pmax	13 24 48.5	-0.4
WVT						
WVT	comp=Z,19nm,1.0s	57.91 344	P	P	13 24 48.5	-0.4
WVT	Waverly				13 24 47.9	-1.0
S55A	Lewisburg	57.99 351	P	P	13 24 50.3	+0.8
UALR	comp=Z,169,SNR=10.0	58.00 339	P	P	13 24 47.7	-1.9
T50A	Nancy	58.04 347	P	P	13 24 49.5	-0.3
S54A	Dingess, Beckl	58.14 350	P	P	13 24 51.2	+0.6
R58A	Rapidan	58.19 353	P	P	13 24 52.0	+1.1
TXAR	Lajitas Array	58.20 326	P	P	13 24 52.0	+0.7
TXAR	Lajitas Array				13 24 52.3	+1.0
TXAR	Lajitas Array	58.20 326	P	P	13 24 52.3	+1.0
MIAR	MIAR	58.21 338	P	pmax	13 24 51.1	0.0
MIAR	MIAR				13 24 52.5	
MIAR	comp=Z,20nm,1.1s	58.21 338	P	Iamb	13 24 51.1	0.0
MIAR	MIAR				13 24 52.5	
MIAR	comp=Z,20nm,1.1s	58.21 338	P	P	13 24 51.7	+0.6
MIAR	Mount Ida				13 24 52.2	+1.0
R57A	Stanardsville	58.24 353	P	P	13 24 52.7	-0.1
T49A	Edmonton	58.27 346	P	Iamb	13 24 50.2	-1.3
T49A					13 24 52.1	
T49A	comp=Z,36nm,1.0s	58.27 346	P	P	13 24 51.2	-0.3
T49A	Edmonton				13 24 52.1	+0.2
R55A	Gary Mavity, V	58.33 339	P	P	13 24 53.8	+1.1
R55A	Marion	58.43 351	P	P	13 24 50.2	-2.6
R54A	Victor	58.45 351	P	P	13 24 53.2	+0.4
S50A	Richmond	58.58 347	P	P	13 24 53.4	-0.2
R53A	Hurricane	58.76 350	P	P	13 24 55.7	+0.8
Q58A	Fox Den Farm,	58.79 354	P	P	13 24 55.7	+0.7
Q58A	Magazine				13 24 56.9	+1.2
S49A	Springfield	58.87 347	P	P	13 24 55.0	-0.7
ABTX	Ablene, Hawle	58.96 332	P	P	13 24 57.7	+1.3
Q57A	Strasburg	58.96 353	P	P	13 24 57.5	+1.3
R51A	Hillsboro	59.02 348	P	P	13 24 56.5	-0.1
Q56A	Snyder Ridge,	59.06 352	Iamb	Iamb	13 24 59.1	
Q56A						

22d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H52A Shelburne, H64A Troy, H63A New Sharon, etc.

2014 MAR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like D47A Chappleu, ECSD EROS Data Cent, ISCO Idaho Springs, etc.

1230

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YKA Yellowknife Ar, SUMG Summit, SUMC Summit, etc.

NEIC 22 13:20:55.0:2.5, 19:90S:0:03:70:84W:0:01, h10km, 1km, mb4.6/2, Error ellipse: s-maj=5.6km s-min=2.9km az=0.0 GUC 22 13:20:55.7:0.7, 19:79S:70:87W:h0km,3km,ML3.4 IDC 22 13:20:57.8:1.5, 19:82S:70:55W:h0km,mb4.0/3, mb1.4/2.5,mb1mx3.9/3.1,mbtmp4.1/5,ML3.4/1, Error ellipse: s-maj=43.2km s-min=18.3km az=71.0 ISC 22 13:20:54.3:1.8, 19:82S:0:03:70:86W:0.06,h3km,11km, n39,+134/48,mb4.3/3,4C-2D,Near coast of northern Chile

PSGC	Pisagua	0.73	73	P	Pg	13 21 08.8	+0.5
PSGC	Pisagua			/S	Sg	13 21 19.5	+1.7
PSGC	Pisagua	0.73	73		Pg	13 21 08.9	+0.6
TA01	Diego Aracena	0.98	140	P	Pg	13 21 13.5	+0.3
TA01				/S	Sb	13 21 27.3	-0.1
TA01				/I	Sg	13 21 30.1	
comp=N,11m,0.6s				IAML			
PB11	IPOC Station P	1.14	87 P		Pg	13 21 15.9	-0.2
PB11				eS	Sb	13 21 31.9	0.0
PB11				IAML		13 21 33.7	
comp=E,21m,0.6s							
PB11	IPOC Station P	1.14	87		Pg	13 21 16.1	0.0
PATCX	Punta Patache	1.20	147	eP	Pb	13 21 16.8	-1.0
PATCX	Punta Patache	1.20	147		Pb	13 21 16.9	-0.9
PB12	IPOC Station P	1.30	23	eP	Pb	13 21 17.8	-1.6
PB12				/S	Sb	13 21 34.4	-2.1
PB12				IAML		13 21 36.9	
comp=E,863nm,0.5s							
PB12	IPOC Station P	1.30	23		Pn	13 21 18.9	-0.6
AP01	Chacalluta	1.52	119	eP	Pn	13 21 21.3	-1.1
AP01				/S	Sb	13 21 41.2	-1.5
GO01	Chusmiza	1.58	85	eP	Sb	13 21 23.4	-0.3
GO01				eS	Sb	13 21 44.9	-0.1
GO01	Chusmiza	1.58	85		Pn	13 21 23.4	-0.3
PB08	IPOC Station P	1.64	102	eP	Pn	13 21 24.1	-0.3
PB08				/S	Sb	13 21 46.6	-0.1
PB08				IAML		13 21 47.7	
comp=N,739nm,0.3s							
PB02	IPOC Station P	1.75	149	eP	Pn	13 21 24.5	-1.2
PB02				/S	Sb	13 21 48.4	-0.2
PB01	IPOC Station P	1.77	134	eP	Pn	13 21 25.6	-0.4
PB01				eS	Sb	13 21 48.2	-1.0
PB01				IAML		13 21 49.5	
comp=N,542nm,0.5s							
PB01	IPOC Station P	1.77	134		Pn	13 21 25.7	-0.4
PB01				/S	Sb	13 21 48.5	-0.7
PB16	IPOC Station P	1.95	41 P		eS	13 21 29.3	+0.4
PB16				/S	Sb	13 21 54.3	+0.1
PB16				IAML		13 21 56.8	
comp=N,999nm,0.5s							
PB16	IPOC Station P	1.95	41		Pn	13 21 29.3	+0.4
PB07	IPOC Station P	3.69	176		Pn	13 21 37.4	+1.5
PB09	IPOC Station P	2.48	143		Pn	13 21 37.4	+1.5
PB04	IPOC Station P	2.59	165		Pn	13 21 35.2	-2.1
LVC	Limon Verde	3.32	147		Pn	13 21 48.2	+0.6
comp=N,4.6nm,0.3s,baz=359,slow=7.4,SNR=8.5							
LVC					Lg	13 22 27.3	-0.5
comp=N,9.7nm,0.3s,baz=57,slow=17.4,SNR=1.8					Lg	13 22 39.0	
comp=N,13nm,0.3s,baz=136,slow=13.0,SNR=5.0							
PB15	IPOC Station P	3.62	159		Pn	13 21 50.4	-1.1
PB10	IPOC Station P	3.69	176		Pn	13 21 50.7	-1.5
LPAZ	La Paz	4.37	37		Pn	13 22 07.2	+5.0
comp=N,0.4nm,0.3s,baz=272,slow=24,SNR=0.9							
LPAZ	La Paz	4.37	37		Pn	13 22 11.1	-1.0
PB14	IPOC Station P	4.81	175		Pn	13 22 07.6	-0.4
GO02	Mina Guanaco	5.45	168		Pn	13 22 15.0	-1.7
NNA	Nana	9.68	323		Pn	13 23 17.4	+2.8
SIV	San Ignacio	10.06	69		Pn	13 23 19.7	-0.2
comp=N,241,slow=19,SNR=1.4							
CPUP	Villa Florida	14.04	120		Pn	13 24 12.3	-1.9
PLCA	Paso Flores	20.85	179		Pn	13 25 42.1	+2.2
comp=N,3.1nm,0.9s,baz=39,slow=11,SNR=2.9							
PTGA	Pitinga	21.76	31		P	13 25 44.4	-2.9
PTGA				IAMB	IAMB	13 25 50.3	
comp=N,27nm,1.1s							
RUSC	Torodi Ar. Bea	25.64	355		P	13 26 24.7	-1.2
TORD	Torodi Ar. Bea	78.53	71		P	13 33 00.4	+2.7
comp=N,2.3nm,0.8s,baz=252,slow=5.3,SNR=5.2							
SYO	Syowa Base	78.71	160 P		P	13 32 53.0	-4.7
SYO	Syowa Base	78.71	160 P		P	13 32 57.0	-4.7
YKA	Yellowknife Ar	89.01	341		P	13 33 53.8	+3.6
comp=N,1.0nm,0.8s,baz=139,slow=7.5,SNR=6.6							
MKAR	Makanchi Array	145.38	33	PKPbc	PKPKP	13 40 37.0	-0.6
comp=N,1.1nm,0.8s,baz=319,slow=4.4,SNR=4.1							

PAYG	Puerto Ayora	26.75	313		P	13 28 23.3	-1.9
RCBR	Riachuelo	36.89	73		P	13 29 53.9	-0.4
comp=N,2.7nm,0.7s,baz=255,slow=11,SNR=1.9							
RCBR	Riachuelo	36.89	73		P	13 29 48.1	-6.2
RCBR				IAMB	IAMB	13 30 04.2	
TKL	Tuckaleechee C	56.47	348		P	13 32 27.1	-0.1
comp=N,2.2nm,0.7s,baz=141,slow=9.9,SNR=2.9							
TKL	Tuckaleechee C	56.47	348		P	13 32 23.9	-3.4
TKL				IAMB	IAMB	13 32 28.0	
comp=N,2.5nm,0.8s							
TXAR	Lajitas Array	58.10	326		P	13 32 40.1	+1.0
comp=N,2.0nm,0.6s,baz=148,slow=7.1,SNR=4.9							
SADO	Sadovva	64.69	354		P	13 33 23.6	+0.5
comp=N,2.3nm,0.6s,baz=250,slow=3.8,SNR=5.9							
DBO	Dombro	70.22	75		P	13 33 59.6	+0.7
comp=N,2.1nm,0.7s,baz=221,slow=9.3,SNR=1.9							
PDAR	Pinedale Array	71.65	331		P	13 34 08.2	+0.9
comp=N,2.0nm,0.6s,baz=112,slow=6.6,SNR=4.5							
NVAR	Mina Array Bea	72.93	323		P	13 34 16.2	+1.1
comp=N,2.1nm,0.7s,baz=152,slow=6.6,SNR=5.9							
ULM	Lac du Bonnet	73.12	344		P	13 34 15.9	+0.4
comp=N,2.1nm,0.4s,baz=172,slow=10,SNR=2.6							
SCHD	Schefferville	74.43			P	13 34 24.0	+0.8
comp=N,2.2nm,1.1s,baz=209,slow=10,SNR=1.7							
TORO	Torodi Ar. Bea	78.72	72		P	13 34 47.2	-1.1
comp=N,3.4nm,0.7s,baz=253,slow=4.9,SNR=7.2							
YKA	Yellowknife Ar	88.94	341		P	13 35 40.3	+0.8
comp=N,2.0nm,0.8s,baz=137,slow=5.2,SNR=9.7							
SEY	Seymchan	127.75	337	PKP	PKPKP	13 41 52.5	+1.5
comp=N,2.1nm,1.0s,baz=94,slow=8.8,SNR=8.6							
ASAR	Alice Springs	130.40	211	PKP	PKPKP	13 41 57.7	0.0
comp=N,2.0nm,0.7s,baz=133,slow=11,SNR=5.4							
WRA	Warramunga Ar	133.31	214	PKP	PKPdf	13 42 03.0	+0.6
comp=N,2.0nm,0.9s,baz=151,slow=1.9,SNR=6.0							
ZALV	Zalesovo Ben	141.23	23	PKP	PKPdf	13 42 17.1	+1.2
comp=N,2.4nm,0.6s,baz=293,slow=5.3,SNR=5.3							
MKAR	Makanchi Array	145.38	33	PKPbc	PKPab	13 42 24.0	+0.5
comp=N,2.0nm,0.7s,baz=310,slow=3.3,SNR=6.5							
KSH	Kashi	145.55	48	PKPbc	PKPab	13 42 25.8	+1.3
KSH				PKS	PKSdf	13 45 47.9	+3.4
WMQ	Urumbi	150.19	32	PKPbc	PKPdf	13 42 30.0	+1.4
WMQ				PKP	PKP	13 46 21.5	+1.1
SONM	Songio Array	151.97	4	PKPbc	PKPKP	13 42 41.2	+0.1
comp=N,2.1nm,0.6s,baz=137,slow=11.9,SNR=4.0							
LZH	Lanzhou	163.18	14	PKP	PKPdf	13 42 49.5	+0.9
LZH				sPKP	sPKPdf	13 42 54.8	+5.3
LZH				sPKP	sPKP	13 42 56.8	
LZH				sPKP	sPKPab	13 43 41.6	+2.2
NJ2	Nanjing	164.91	326	eP	PKPdf	13 42 51.0	+1.0
CD2	Chengdu	168.00	22	PKP	PKPdf	13 42 52.0	-0.5

IDC 22 13:29:56.6:0.0, 19:161S:70:69W, h0km, mb5.0/34,
 mb1.5/139, mb1mx0.5/44, mbmp0.0/39, ML4.3/5, MS5.4/8,
 M14.5/3/8, ms1mx4.9/27, Error ellipse: s-maj=14.2km
 s-min=9.1km az=64.0
 SJA 22 13:29:56.2:1.2, 19:72S:71:02W, h6km,9km, ML5.3,
 MW5.1
 BUJ 22 13:29:57.0:0.0, 20:01S:70:57W, h10km, mb5.8/18,
 Ms6.1/9, Ms7.5/9/12
 MOS 22 13:29:57.2:1.7, 19:56S:70:90W, h10km, mb5.5/30, Error
 ellipse: s-maj=11.5km s-min=7.2km az=104.4
 NEIC 22 13:29:58.1:19:76S:70:96W, h17km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁷Nm; Mr:0.77;
 Mw:0.04; Ms:0.81; Mn:0.38; Mv:0.32; Mw:1.37; Fault
 plane solution: Mo:1.660000*10¹⁷; NP1:0.16421000*
 5.74.640000*1.91.620000*10¹⁷; NP2:0.33811000*1.65.440000*
 1.84.120000*. Principal axes: T:1.5830, Plg60.0000*;
 Azm77.0000*; N:0.1407, Plg2.0000*;
 Azm344.0000*; P:-1.7237, Plg30.0000*;
 Azm253.0000*;
 NEIC 22 13:29:58.4:2.9, 19:72S:0:04:70:95W, h0.06, h17km,1km,
 mb5.5/267, Ms 20.5/413, Mw5.4/37, Mw5.6/1.6, ML5.2(GUC),
 Mw5.6(GCMT). Error ellipse: s-maj=6.3km s-min=6.8km
 az=24.0
 GUC 22 13:29:59.0:0.7, 19:76S:70:95W, h43km,2km, ML5.1
 VAO 22 13:29:59.8:0.3, 19:66S:70:79W, h17km, mb5.4
 GCMT 22 13:30:04.0:4.0, 19:67S:0:02:71:20W, h0.02, h23km,
 MW5.6/117, Moment Tensor Solution. s61.672;
 s117.c190; Duration: 15s Moment tensor: Scale 10¹⁷
 Nm; Mr:2.24; 0.09; Ms:0.15; 0.04; Mw:2.10; 0.06;
 Mn:0.26; 0.07; Mv:0.38; 0.03; Mw:1.65; 0.09; Best double
 couple: M2.766000*10¹⁷; NP1:0.34900000*1.82.000000*;
 1.88.000000*;
 NP2:0.17000000*1.84.000000*;
 1.91.000000*;
 Principal axes: T:2.8010, Plg71.0000*;
 Azm282.0000*;
 N:-0.0770, Plg1.0000*;
 Azm330.0000*;
 P:-2.7310,
 Plg19.0000*;
 Azm260.0000*;
 nsta1 refers to body waves,
 cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
 Triangular moment-rate function
 NEIC 22 13:30:04.19:72S:71:15W, h21km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁷Nm; Mr:1.23;
 Mw:0.08; Ms:0.24; Mn:0.40; Mv:0.50; Mw:1.55; Fault
 plane solution: Mo:2.680000*10¹⁷; NP1:0.16600000*
 0.63.000000*1.90.000000*;
 NP2:0.34700000*1.82.000000*;
 1.91.000000*;
 Principal axes: T:2.6592, Plg72.0000*;
 Azm75.0000*;
 N:0.0328, Plg0.0000*;
 Azm166.0000*;
 P:-2.6921, Plg18.0000*;
 Azm256.0000*;
 NEIC 22 13:30:04.19:77S:70:97W, h18km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁷Nm; Mr:1.31;
 Mw:0.12; Ms:1.19; Mn:1.11; Mv:0.43; Mw:2.53; Fault
 plane solution: Mo:3.060000*10¹⁷; NP1:0.15700000*
 0.77.000000*1.88.000000*;
 NP2:0.34500000*1.83.000000*;
 1.98.000000*;
 Principal axes: T:3.0464, Plg58.0000*;
 Azm64.0000*;
 N:0.0310, Plg2.0000*;
 Azm157.0000*;
 P:-3.0773, Plg32.0000*;
 Azm248.0000*;
 ISC 22 13:29:59.2:0.0, 19:69S:0:02:70:89W, h0.03, h17km,4km,
 n871, s1934/809, mb5.5/166, MS5.5/15, 18C-5D, Near
 coast of northern Chile

PB02	IPOC Station P	1.88	44 P		eS	13 31 01.9	+2.5
PB16	IPOC Station P	1.88	44		/I	13 30 32.4	-1.0
PB16				eP	Pb	13 30 58.9	-1.0
PB16				IAML		13 31 11.8	
comp=N,361nm,0.6s							
PB16	IPOC Station P	1.88	44		Pb	13 30 32.1	-1.3
PB16	IPOC Station P	1.88	44		eP	13 30 32.9	-0.5
PB16				/S	Sb	13 31 00.4	+0.5
PB01	IPOC Station P	1.88	136 P		eP	13 30 30.5	-0.1
PB01				/I	Sb	13 30 54.1	0.0
PB01				IAML		13 31 02.2	
comp=N,27um,0.7s							
PB01	IPOC Station P	1.88	136		Pn	13 30 30.6	-0.1
PB01	IPOC Station P	1.88	136		eP	13 30 30.6	0.0
PB01	IPOC Station P	2.23	155 P		/I	13 31 03.4	+3.5
PB07	IPOC Station P	2.23	155		/I	13 30 59.4	-3.5
PB07	IPOC Station P	2.23	155		/I	13 30 34.1	-1.4
PB07	IPOC Station P	2.23	155		eP	13 30 36.6	+1.1
PB07				/S	Sb	13 31 11.3	+0.2
PB03	IPOC Station P	2.58	156		eP	13 30 39.2	-1.1
PB09	IPOC Station P	2.60	144		eP	13 30 41.1	+0.5
PB09	IPOC Station P	2.60	144		/I	13 30 41.2	+0.5
PB09				eS	Sg	13 31 20.8	-2.1
PB09				IAML			

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like RROC, RREF, PLMC, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like X57A, Z50A, Z50A, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like R55A, R55A, WHAR, etc.

M60A	Port Jervis	60.80 357	P	P	13 40 10.9 +0.7
M62A	Hamden	60.85 358	P	P	13 40 11.6 +1.1
S39A	Bolivar	60.86 340	I Amb	I Amb	13 40 20.9
MNTX	Cornudas Mount	60.87 326	P	P	13 40 10.1 -0.8
MNTX	Cornudas Mount	60.87 326	P	P	13 40 10.6 -0.3
O49A	Covington	60.87 348	I Amb	I Amb	13 40 11.4
N53A	Lisbon	60.89 351	I Amb	I Amb	13 40 21.2
N53A	Lisbon	60.89 351	P	P	13 40 11.3 +0.4
N54A	Moraine State	60.93 352	P	P	13 40 11.6 +0.5
P46A	Rockdale	60.94 346	I Amb	I Amb	13 40 20.4
M58A	Price's Panora	60.97 355	P	P	13 40 12.1 +0.7
M57A	Sunshine Farm	60.99 355	I Amb	I Amb	13 40 13.9
M57A	Sunshine Farm	60.99 355	P	P	13 40 12.7 +1.2
N52A	McGinn's Farm	61.02 351	P	P	13 40 11.7 0.0
M59A	Waymart	61.06 356	P	P	13 40 13.1 +1.1
R40A	Maddies Station	61.07 341	I Amb	I Amb	13 40 22.6
O48A	Farmland	61.10 348	P	P	13 40 11.7 -0.6
KSPA	Keystone Colle	61.10 356	I Amb	I Amb	13 40 27.3
KSCST	Kent School, K	61.15 358	I Amb	I Amb	13 40 15.3
N50A	Nevada	61.22 349	P	P	13 40 12.7 -0.4
N51A	Ashland	61.23 350	I Amb	I Amb	13 40 22.8
N51A	Ashland	61.23 350	P	P	13 40 12.9 -0.3
M56A	Emporium	61.24 354	P	P	13 40 13.3 +0.1
L63A	North Scituate	61.24 359	P	P	13 40 13.7 +0.5
M55A	Ridgway	61.28 353	P	P	13 40 13.7 +0.2
L64A	Middleborough	61.31 0	P	P	13 40 14.4 +0.8
MSTX	Muleshoe	61.40 330	I Amb	I Amb	13 40 17.3
M54X	Muleshoe	61.40 330	P	P	13 40 15.6 +1.0
M54A	Oil Creek Stat	61.43 353	P	P	13 40 14.7 +0.2
L60A	Shokan	61.44 357	P	P	13 40 15.2 +0.6
M53A	WI Miller and	61.49 352	P	P	13 40 15.2 +0.3
SRIG	Santa Rosalia	61.55 318	I AMs_20	I AMs_20	14 06 06.4
N49A	Columba Grove	61.55 349	P	P	13 40 14.6 -0.7
L58A	Harry Jones Me	61.59 356	P	P	13 40 16.7 +1.1
M51A	Elyria	61.61 350	P	P	13 40 15.5 -0.1
L61A	Hillsdale 1, H	61.62 358	P	P	13 40 16.3 +0.6
L57A	Andrews Acres	61.62 355	P	P	13 40 15.9 +0.1
SFIN	Lafayette	61.64 346	I Amb	I Amb	13 40 24.8
SFIN	Lafayette	61.64 346	P	P	13 40 14.7 -1.2
N48A	Decatur	61.66 348	P	P	13 40 14.9 -1.1
L59A	Walter	61.69 356	P	P	13 40 17.1 +0.8
M52A	Chesterland	61.69 351	P	P	13 40 16.4 +0.1
BINY	Binghamton	61.76 356	I Amb	I Amb	13 40 19.1
BINY	Binghamton	61.76 356	P	P	13 40 17.3 +0.6
WES	Weston	61.76 360	I Amb	I Amb	13 40 18.6
U32A	Winter Ranch	61.78 334	I Amb	I Amb	13 40 28.2
N47A	Urbana	61.81 347	I Amb	I Amb	13 40 26.2
N47A	Urbana	61.81 347	P	P	13 40 16.3 -0.8
M50A	Fremont	61.82 350	I Amb	I Amb	13 40 26.9
M50A	Fremont	61.82 350	P	P	13 40 16.5 -0.6
L56A	Greenwood	61.82 354	I Amb	I Amb	13 40 19.2
L56A	Greenwood	61.82 354	P	P	13 40 17.6 +0.4
L61B	Northampton	61.85 358	P	P	13 40 18.1 +0.8
HRV	Adam Dzewonski	61.89 359	P	P	13 40 17.3 -0.2
HRV	Adam Dzewonski	61.89 359	P	P	13 40 17.2 -0.2
HRV	Adam Dzewonski	61.89 359	I Amb	I Amb	13 40 19.6
HRV	Adam Dzewonski	61.89 359	P	P	13 40 18.1 +0.6
L53A	Girard	61.94 352	P	P	13 40 18.2 +0.3
L55A	Hinsdale	61.95 354	P	P	13 40 18.8 +0.7
M49A	Liberty Center	62.05 349	P	P	13 40 17.9 -0.7
K62A	Royalston	62.05 359	I AMs_20	I AMs_20	14 06 39.6
K62A	Royalston	62.05 359	P	P	13 40 19.1 +0.4
ERPA	Erie	62.07 352	P	P	13 40 18.8 +0.1
K63A	Dunstable	62.07 359	P	P	13 40 19.7 +1.0
K61A	Williamstown	62.09 358	P	P	13 40 20.0 +1.1
L54A	Sinclairville	62.10 353	P	P	13 40 19.5 +0.5
TRY	Troy	62.16 358	I Amb	I Amb	13 40 30.5
M48A	Edgerton	62.20 348	I Amb	I Amb	13 40 29.1
M48A	Edgerton	62.20 348	P	P	13 40 19.0 -0.7
M47A	Cromwell	62.26 348	P	P	13 40 19.5 -0.6
K59A	Cooperstown	62.26 357	P	P	13 40 20.9 +0.8
K58A	Earlville	62.30 356	P	P	13 40 20.7 +0.4
K57A	Scipio Center	62.33 355	P	P	13 40 20.1 -0.4
HDIL	Hopedale	62.34 344	I Amb	I Amb	13 40 29.8
HDIL	Hopedale	62.34 344	P	P	13 40 20.0 -0.6
K56A	Middlesex	62.36 355	P	P	13 40 21.4 +0.6
L50A	Kingsville	62.40 350	P	P	13 40 20.7 -0.3
K54A	Basiliko Farm	62.40 354	P	P	13 40 21.5 +0.5
K55A	Perry	62.46 354	P	P	13 40 22.1 +0.7
L48A	N Adams	62.59 349	P	P	13 40 21.9 -0.4
J62A	Henniker	62.61 359	P	P	13 40 23.5 +1.1
L49A	Milan	62.63 349	P	P	13 40 22.3 -0.2
J60A	Lant Hill Farm	62.66 358	P	P	13 40 23.8 +1.1
P38A	Dawn	62.69 340	I Amb	I Amb	13 40 33.0

319A	Douglas	62.73 323	I Amb	I Amb	13 40 26.5
J61A	Chester	62.74 359	P	P	13 40 24.6 +1.3
L47A	Sherwood	62.77 348	P	P	13 40 22.6 -0.8
AAM	Ann Arbor	62.80 349	I Amb	I Amb	13 40 33.4
ACCN	Adirondack Com	62.81 358	I Amb	I Amb	13 40 26.1
K52A	Marlette	62.81 352	P	P	13 40 24.0 +0.3
J58A	Remsen	62.87 356	P	P	13 40 25.6 +1.5
K51A	Iona Station	62.87 351	P	P	13 40 23.9 -0.2
J56A	Wolcott	62.89 355	P	P	13 40 24.6 +0.4
J59A	Piesle	62.93 357	P	P	13 40 25.7 +1.1
J57A	Williamstown	62.96 356	P	P	13 40 25.4 +0.7
J55A	Hilton	62.97 354	P	P	13 40 26.0 +1.3
J54A	Appleton	63.05 354	P	P	13 40 26.1 +0.8
K50A	Casco	63.09 350	P	P	13 40 25.2 -0.3
I58A	Old Forge	63.18 357	P	P	13 40 26.5 +0.4
I59A	Olmsteadville	63.23 358	P	P	13 40 27.0 +0.5
J52A	Paris	63.24 352	P	P	13 40 26.7 +0.2
I62A	Tamworth	63.25 360	P	P	13 40 28.1 +1.5
I60A	Shoreham	63.26 358	P	P	13 40 27.9 +1.3
I61A	Oroboro, Fairl	63.32 359	P	P	13 40 28.4 +1.3
K48A	Perry	63.37 349	P	P	13 40 26.9 -0.5
K47A	Vermontville	63.40 348	P	P	13 40 27.0 -0.7
NCB	Newcomb	63.42 357	I Amb	I Amb	13 40 30.6
I63A	Otisfield	63.43 0	P	P	13 40 29.2 +1.4
R32A	Long Quarter,	63.43 336	I Amb	I Amb	13 40 29.7
I57A	Carthage	63.47 356	P	P	13 40 28.8 +0.8
K46A	Dorr	63.57 348	P	P	13 40 28.1 -0.6
LBNH	Lisbon	63.62 359	I Amb	I Amb	13 40 31.7
LBNH	Lisbon	63.62 359	P	P	13 40 30.3 +1.2
J49A	Lisbon	63.74 350	P	P	13 40 28.1 -1.8
J48A	Bridge Port	63.79 350	P	P	13 40 29.3 -0.9
L42A	Oliver, Polo	63.79 344	I Amb	I Amb	13 40 39.6
I51A	Listowel	63.86 352	P	P	13 40 30.0 -0.6
H58A	Gabriele	63.87 357	P	P	13 40 31.4 +0.7
I55A	Frankford	63.90 355	P	P	13 40 31.5 +0.7
J47A	Summer	63.91 349	P	P	13 40 30.6 -0.4
H61A	Lyndonville	63.92 359	P	P	13 40 32.4 +1.4
H62A	Milan	63.95 360	P	P	13 40 32.5 +1.2
WVL	Waterville	63.95 1	I Amb	I Amb	13 40 30.6 -0.6
WVL	Waterville	63.95 1	P	P	13 40 33.6
H60A	Morristown	63.96 359	P	P	13 40 32.5 +1.1
H57A	Riceville	63.97 356	P	P	13 40 31.6 +0.3
I52A	Shelburne	64.01 353	P	P	13 40 32.1 +0.4
H64A	Troy	64.04 1	P	P	13 40 32.9 +1.2
H63A	New Sharon	64.04 1	P	P	13 40 33.3 +1.5
H59A	Cadyville	64.07 358	P	P	13 40 33.1 +1.0
H65A	Eastbrook	64.12 2	P	P	13 40 32.9 +0.6
H56A	Elgin	64.16 356	P	P	13 40 33.3 +0.8
CBKs	Cedar Bluff	64.17 335	I Amb	I Amb	13 40 35.5
CBKs	Cedar Bluff	64.17 335	P	P	13 40 34.5 +1.6
H55A	Two Rivers	64.19 355	P	P	13 40 33.5 +0.7
H66A	Whiting	64.25 3	P	P	13 40 34.3 +1.2
L40A	Ansonia	64.25 343	I Amb	I Amb	13 40 43.6
I49A	Point Hope	64.26 350	P	P	13 40 32.9 -0.4
H53A	Bobsageon	64.34 354	P	P	13 40 34.2 +0.4
G60A	Masonville	64.49 359	P	P	13 40 36.2 +1.5
G59A	Clarenceville	64.49 358	P	P	13 40 35.6 +0.9
G63A	Kingsbury	64.50 1	P	P	13 40 35.9 +1.0
H52A	Wyevalle	64.55 353	P	P	13 40 35.3 +0.1
SNAAs	Sanae	64.59 161	P	P	13 40 35.6 +0.3
SNAAs	Sanae	64.59 161	I Amb	I Amb	13 40 35.0 -0.2
SNAAs	Sanae	64.59 161	P	P	13 40 35.4 +0.1
SADO	Sadow	64.59 354	P	P	13 40 35.2 -0.2
G57A	Newington	64.59 357	P	P	13 40 36.3 +0.9
G58A	Ormslow	64.59 358	P	P	13 40 36.3 +0.9
G62A	West of Eustis	64.60 0	P	P	13 40 36.5 +1.0
I47A	Gladwin	64.61 349	P	P	13 40 35.2 -0.4
I48A	Sherman Twp	64.64 350	P	P	13 40 35.4 -0.3
G65A	Princeton	64.65 3	I Amb	I Amb	13 40 37.9
G65A	Princeton	64.65 3	P	P	13 40 36.9 +1.1
PKME	Peaks-Kenny Pk	64.66 1	P	P	13 40 36.1 +0.2
PKME	Peaks-Kenny Pk	64.66 1	I Amb	I Amb	13 40 38.0
PKME	Peaks-Kenny Pk	64.66 1	P	P	13 40 36.9 +1.1
G64A	Maxfield	64.66 2	P	P	13 40 36.1 +0.3
G61A	St-Isidore-de-	64.66 360	P	P	13 40 36.9 +1.0
I46A	Reed City	64.71 348	P	P	13 40 35.2 -1.0
T25A	Trinidad	64.76 331	P	P	13 40 38.3 +1.3
JFWS	Jewell Farm	64.80 344	P	P	13 40 36.6 -0.2
G55A	Celabogie	64.85 355	P	P	13 40 37.4 +0.3
G53A	Haliburton	64.88 354	P	P	13 40 37.8 +0.5
H48A	Harrisville	65.08 350	P	P	13 40 38.2 -0.3
F63A	Nahmakanta, Br	65.10 1	I Amb	I Amb	13 40 42.3
F63A	Nahmakanta, Br	65.10 1	P	P	13 40 40.3 +1.5
G54A	Lake Saint Pet	65.11 354	P	P	13 40 39.3 +0.5
H47A	Mio	65.12 350	P	P	13 40 38.7 -0.2
214A	Organ Pipe Nat	65.19 321	P	P	13 40 42.0 +2.3

F59A	Saint Guillaume	65.25 359	P	P	13 40 41.3 +1.6
F64A	Sherman	65.28 2	I Amb	I	

22d 14h

Table with columns: PATCX, PATCX, eS, Sb, Time, Res, Code, Station Name, Az, Az, Phase ID, Op, ISC, h, m, s, ISC. Contains station data for 22d 14h.

NEIC 22 13:57:04.8±2.0, 19°78'S; 0°04'70.97W±0.03, h10km, 1km, mb4.0/3, ML4.1(GUC), Error ellipse: s-maj=7.2km, s-min=4.5km, az=359.0

2014 MAR

Main table with columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for 2014 MAR.

NEIC 22 13:57:06.8±0.7, 19°74'S; 0°09'70.90W±0.05, h6km, 1km, ML4.0, Error ellipse: s-maj=28.5km, s-min=16.3km, az=67.0

1236

Table with columns: WRA, WRA, Time, Res, Code, Station Name, Az, Az, Phase ID, Op, ISC, h, m, s, ISC. Contains station data for 1236.

IDC 22 14:02:29.2±1.6, 36°41'N; 133°73'E, h457km, mb2.5/2, mb1 2.6/7, mb1mx2.5/48, mbmtpp4.5/15, ML3.9/1, MS4.3/2, MS1 4.4/2, ms1mx4.0/21, Error ellipse: s-maj=24.2km, s-min=16.1km, az=10.1

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like D62A Allapat, D58A Chemin du LacG, D56A ZEC Mazanza, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH comp=Z,300nm,11.8s, KSH comp=Z,240nm,11.6s, USRKR Ussuriysk Arr, etc.

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

INET 22 14:16:45.1,11:11N-87:10W,h15km,ML3.6,Near coast of Nicaragua

KEA 22 14:18:38.0,0.0,29.70N-138.80E,h25km,mB5.8/1 BGR 22 14:18:45.3,0.0,29.98N-140.59E,h400km,mB5.6 MOS 22 14:18:45.8,0.8,29.28N-139.31E,h412km,mB5.6/97 Error ellipse: s-maj=6.4km s-min=3.3km az=112.2 JMA 22 14:18:46.4,0.1,29.36N-139.82E,h434km,3km,M5.3 JMA Fell II J1. BUJ 22 14:18:46.9,0.0,29.32N-139.27E,h423km,mB5.5/43,mB5.8/83 NEIC 22 14:18:47.6,1.8,29.27N-140.08-139.4E,0.1,h420km,m5km,mB5.4/331,Error ellipse: s-maj=12.7km s-min=11.0km az=80.0 IDC 22 14:18:49.0,0.0,29.28N-139.28E,h438km,4km,mB4.9/54,mB1.4/961,mB1mx4.9/68,mBtmp5.7/61,Error ellipse: s-maj=5.5km s-min=3.8km az=84.0 ISC 22 14:18:47.6,0.3,29.33N-139.38E,0.03,h425km,2km,h425km,p-P,n1398,c1937/1500,mB5.4/407,104C-75D, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Res, Time, Res, h, n, s, ISC. Lists various stations and their coordinates.

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Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like Suanglung, Dalian, Pinlang, Yuzh-Sakhalins, etc.

2014 MAR

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like XAN, PETK, QIZ, GYGA, etc.

22d 14h

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like LUWI, MPM, AAI, etc.

22d 14h

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like TPRI Tanjung Pinang, KULM Kulim, KULM Kuning, SRBI Singaraja, etc.

2014 MAR

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like GSI Gunungsitoli, SNSI Sinabang, PBSI Pulau Batu, FITZ Fitzroy Crossi, etc.

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Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like BRKL Bradley Lake, BHPL Bhopal, MLY Manley, NIL Niore, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SUMG Summit, ABTO Aybut, BMO Blue Mountains, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like R11A Troy Canyon, BEL Belsk, GRRR Givov, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like GMRC Granite Mounta, MTUF Matus, PFO Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like G001 Chusmiza, AP01 Chacalluta, PB07 IPOC Station P, etc.

SJA 22 15:14:36.5±1.2, 29°94'S; 71°47'W, h10km±11km, ML3.7, MW3.9
NEIC 22 15:14:38.5±1.8, 19°96'S; 0°06'71°39'W, 0.09, h35km±8km, Error ellipse: s-maj=12.3km s-min=7.2km az=116.0
JMA 22 15:14:40.2±0.2, 19°95'S; 0°04'71°29'W, 0.06, h10km±2km, mb4.0/2, Error ellipse: s-maj=11.3km s-min=3.1km az=301.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSGC Pisagua, TA01 Diego Aracena, PATCX Punta Patache, etc.

NEIC 22 15:11:59.1±2.3, 19°85'S; 0°2'169°6'E, 0.2, h132km±12km, mb4.2/11, Error ellipse: s-maj=38.7km s-min=9.9km az=142.0
IDC 22 15:12:01.5±5.5, 19°48'S; 169°04'E, h108km±49km, mb3.6/5, mb1 3.8/6, mb1mx3.8/29, mbtmp3.9/6, Error ellipse: s-maj=76.9km s-min=39.2km az=151.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, BBOO Buckleboe, etc.

IDC 22 15:13:55.9±0.7, 29°30'N; 139°66'E, h420km±13km, mb3.1/8, mb1 3.2/13, mb1 1mx3.9/48, mbtmp3.9/13, Error ellipse: s-maj=36.9km s-min=10.6km az=69.0
JMA 22 15:13:56.1±2.9, 29°30'N; 140°07'E, h433km, M3.4
ISC 22 15:13:56.3±0.7, 29°30'N; 0°10'140°0E, 0.1, h450km±n29, s131/32, mb3.5/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJL Chichi jima, JCHJ Chichijima, TONANKAI O.B.S, etc.

DJA 22 15:36:07.6±0.4, 2°N; 3°12'9"E, h10km, M4.6/12, mB5.0/4, mb4.7/10, MLv4.5/12, MLv4.9/2, Mw(mB)4.3/4
NEIC 22 15:36:09.9±2.2, 1.69N; 0°07'128°68'E, 0.07, h55km±10km, mb4.5/26, Error ellipse: s-maj=14.3km s-min=4.1km az=223.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AP01 Chacalluta, PB02 IPOC Station P, G001 Chusmiza, etc.

IDC 22 15:36:09.9±2.2, 1.66N; 128°77'E, h62km±29km, mb3.8/10, mb1 4.0/13, mb1mx3.7/41, mbtmp4.2/13, ML4.2/3, M53.7/2, Ms1 3.7/2, Ms1mx3.7/41, Error ellipse: s-maj=21.2km s-min=14.1km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AP01 Chacalluta, PB02 IPOC Station P, G001 Chusmiza, etc.

SONM comp=2.1, 0nm, 0.9s, baz=26, slow=0.9, SNR=4.9

IDC 22 15:34:08.3±10.0, 34°61'N; 141°79'E, h0km, mb3.4/1, mb1 3.6/3, mb1mx3.3/44, mbtmp3.4/3, ML2.0/2, Error ellipse: s-maj=204.6km s-min=34.1km az=13.0
JMA 22 15:34:22.4±0.1, 36°91'N; 141°41'E, h34km±1km, M3.8
ISC 22 15:34:24.4±1.8, 36°96'N; 0°05'141°32'E, 0.08, h34km±4km, n13, s162/23, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishi, JFK Kawauchi, JFFD Fukushimafuru, etc.

DJA 22 15:36:07.6±0.4, 2°N; 3°12'9"E, h10km, M4.6/12, mB5.0/4, mb4.7/10, MLv4.5/12, MLv4.9/2, Mw(mB)4.3/4
NEIC 22 15:36:09.9±2.2, 1.69N; 0°07'128°68'E, 0.07, h55km±10km, mb4.5/26, Error ellipse: s-maj=14.3km s-min=4.1km az=223.0

IDC 22 15:36:09.9±2.2, 1.66N; 128°77'E, h62km±29km, mb3.8/10, mb1 4.0/13, mb1mx3.7/41, mbtmp4.2/13, ML4.2/3, M53.7/2, Ms1 3.7/2, Ms1mx3.7/41, Error ellipse: s-maj=21.2km s-min=14.1km az=69.0

MAN 22 15:36:21.6±2.2, 28°N; 127°51'E, h1km, mb4.9, ML3.9, M53.9
ISC 22 15:36:09.9±0.5, 1.61N; 0°05'128°68'E, 0.06, h61.3km, n94, s170/90, mb4.4/22, 3C, Haimahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, BMSI Marisa, CTBH Cotabato-PC H, etc.

22d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1S3 WAKE ISLAND, H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, etc.

IDC 22 15:43:42.2e.1.0,24:09N;122:41E,h0km,mb3.8/7, mb1 3.9/7, mb1mx3.6/38, mbtmp3.8/7, MS3.0/1, Ms1 3.0/1, ms1mx2.7/38, Error ellipse: s-maj=58.4km s-min=19.1km az=65.0

TAP 22 15:43:45.2,23:92N;122:34E,h9km,1km,ML3.9,D JMA 22 15:43:45.6,0.1,23:92N;122:30E,h24km,4km,M3.7, ISC 22 15:43:44.6,0.6,23:92N;122:36E,0.02,h20km,3km, n121,c0883/174,mb3.6/7,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EOS1 EOI1, EOS1 HWA, HWA Hwalien, HWA Shoufeng, ENLB Shoufeng, ENLB Chiawan, TWD Chiawan, TWD NACB, NACB Ninganchiao, JYNG Yonagunijimaku, JYNG ENA, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Suao, ETLH Xiulin Townshi, ETLH Shilin, ESL Shilin, EGFH Guangfu, EGFH Ruisui, ILA Ilan, TWE Neicheng, TWE Nioudou, WHF Hehuan Shan, WHF Datong, NNSB Datong, NNSB Datong, NNSH Datong, NNDT Datong Townshi, NNDT Datong, EHY Hungye, EHY Nan Shan, NNS Datong, NTC Toucheng, SLBB Yuanshan, OWD Renai.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OWD Renai, CHGB Renai, CHGB YULB, YULB YULB, TWF1 Yuli, WVD1 WVD1, WVD1 WVD1, TWT Tachien, TWT Santiao Chiao, TDCB Techi, TDCB Shuangxi, TIPB Wulai, NWLT Yeheng, YHNB Yeheng, NSK Sanguang, FULB Fuli, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Mucha, TWA Mucha, NHDH Xindistri, NHDH Mucha, SSLB Suanglung, DPDB Guoxing, IRIF Iriomote-Funau, IRIF Hateruma jima, HATJ Sun Moon Lake, WHP Taichung City, TAP1 Taipei, YUS Yu-Shan, YUS Taipei, WLTB Daxi, TYC Yuch, TYC Xinyi Township, YMO1 YMO1, LIOB Em, LIOB Nanjuang, NNST Nanjuang, NSST YM10, YM10 YM10, YM11 YM11, YM05 YM05, YM04 YM04, TWS1 Kuangyinshan, ANP Alishan, ALS Alishan, WJS Zhushan, NCUH Zhongshi, TWQ1 Liyutan, TWQ1 Chenhua, TWY Chenhua, SBCB Hsinchu, WNT Mingjian, WNT Sany, NSY Sany, HSN Hsinchu, JKRS Kuro-shima, TCU Taichung, TCU Miaoli, NMLH Miaoli, CHNS Tsauling, CHNS Beinan, TWGBT Beinan, TWG Pinlang, TWG Dajia District, WDJ Dajia District, WDJ Taoyuan, STYT Taoyuan, WCHH Zhonghua, WCHH Douliu, WDLH Douliu, JIJ Ishigaki jima, JIJ TPUB, TPUB Ta-pu, TPUB Ta-pu, WTP Ta-pu, SLGT Liugu, RLNB Erlin.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RLNB Hsinying, TWK Hsinying, TWK Tainan City, SNST Ta-ch'eng, WTCT Ta-ch'eng, WTCT Hsuehkimahi, JISG Sandimen, SSD Sandimen, SSD Sshu, WSF Sshu, CHNB Yiju, MASBT Mashbuluo, EAST Anshuo, SCLT Jial, SCZT Fanguai, SCZT Fanguai, SCZT Tarama, JTJ Tarama, JTJ Hengchun, PHUB P'enghu, PHUB P'enghu, PNG P'enghu, PNG Irabujima, VCHM Gimgim, JIKM Ikemajima, PTTC Pingtan, JM2J Mako jima3, WYUC WYUC, MATB Ma-tsu, PTMZ Houxiangcun, KNMB Chin-men Tao, ZPLA Ao Xicun, KSRS Korea Array, GUMO Gimgim, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alliance Springs, BRTR Keskin Array, YKA Yankwite Ar.

IDC 22 15:47:47.3e.1.1,2:50S;79:51W,h0km,mb3.6/6,mb1 3.9/9, mb1mx3.8/39, mbtmp3.8/9, ML3.9/3, MS3.9/2, Ms1 3.9/2, ms1mx3.3/34, Error ellipse: s-maj=54.3km s-min=15.9km az=67.0

IGQ 22 15:47:50.2,0.3,3'S;2:8'0W, h9km, M4.7, NEIC 22 15:47:54.2,4.2,2:73S;0:06;79:51W;0.2,h63km,9km, mb4.2/10, Error ellipse: s-maj=23.2km s-min=7.8km az=77.0

ISC 22 15:47:49.4,0.6,2:71S;0:04;79:50W;0.03,h14km,n63, c174/58,mb3.6/6,Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like COHC Cochancay, COHC Amilagro (Trans), AMIL Amilagro (Trans), AGUAY Guayaquil, AGUAY Guayaquil, MORR Playas El Morr, MORR Playas El Morr, ARIO Riobamba, SALI Salinas, GONZ Gonzanam, GONZ Gonzanam, GMA5 Total station, PPLP Puerto Lpez, BIL2 Estacion Bilba, BPAT Tungurahua Vol, BBIL Ulba Tungurahua, RETU Refugio, BULB Ulba Tungurahua, BRUN Tungurahua Vol, APUY Puyo, PISA Pisayambo, EMOR Cotopaxi Volca, BNAS Cotopaxi Volca, BREF Cotopaxi Volca, TAMB Tambo, BTAM Cotopaxi Volca, VCI Cotopaxi I, ANTM Antisana-La Mi, ANTG Antisana-Guama, ANTS Antisana-Sarah, MAG1 Magdalena, GGPC Guagua Pichinc, TERY Terraza Guagua, YANA Yana, PULU Pululahua, PACI Pacto, Paraso, CUIC Cuicocha-Domo, COT3 Cotacachi, IMBA Imbabura, San, URCU Urcuqui, ATAH Atahualpa, ATAH Atahualpa, ATAH Atahualpa, FLOC Florencia, NNA Nana, NNA Nana, NNA Nana, NNA Nana, ACON Acopya, SAML Samuel, LPAZ La Paz, LPB2 IPOC Station P, LPB2 IPOC Station P, TGUH Tegucigalpa, TGUH Tegucigalpa, PB16 IPOC Station P, PB16 IPOC Station P.

22d 17h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Contains station data for Pisagua, Diego Aracena, Chacalluta, Punta Patache, and others.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Contains station data for IPOC Station P, Limon Verde, and others.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Contains station data for LVC, PB15, PB10, LPAZ, and others.

Vertical text block containing station identifiers and coordinates, such as 'IDC 22 17:43:01.3z1.9, 33.31N:79.49E, h0km, mb3.3/4, m1 3.5/7, mb1mx3.3/43, mbtmp3.4/7, ML3.0/3, MS3.8/2, Ms1 3.8/2, ms1mx2.8/24, Error ellipse: s-maj=60.6km s-min=19.0km az=69.0'.

Vertical text block containing station identifiers and coordinates, such as 'SJA 22 17:44:29.10z1.8, 31.33S:68.64W, h118km, 6km, ML3.6, MW3.8, IDC 22 17:44:30.6z0.7, 31.39S:68.66W, h113km, 5km, mb3.9/9, mb1 3.9/12, mb1mx3.7/30, mbtmp4.1/12, Error ellipse: s-maj=26.6km s-min=15.6km az=85.0'.

Vertical text block containing station identifiers and coordinates, such as 'NEIC 22 17:27:19.8z1.4, 19.82S:71.14W, h21km, Moment Tensor Solution, Moment tensor: 10^14Nm, Mw4.74, Ms=1.24, Mw=3.51, Mw=2.81, Mw=0.73, Mw=5.57, Fault plane solution: M1: 6.0000^-10^14, N1: 3.0000^-10^14, P1: 3.0000^-10^14, N2: 1.65.90000^-, NP2: 1.65.43000^-, 1.73.40000^-, 1.99.98000^-, Principal axes: T: 0.8642, Pz632.0000^-, Azm240.0000^-, N: -1.0465, Plg3.0000^-, Azm366.0000^-, P: -7.0177, Plg28.0000^-, Azm68.0000^-'.

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

RHSSO 22 17:48:59.0, 4.2, 31N, 20.10E, h6km, 2km, ML2.8/11
TIR 22 17:48:59.4, 4.2, 37N, 19.97E, h4km, Md3.0/4

SKO 22 17:49:01.0, 4.2, 43N, 19.99E, h12km
PDG 22 17:48:59.0, 4.2, 39N, 20.05E, h14km, MD3.0/2

ISC 22 17:49:00.1-0.9, 4.2, 41N, 0.02-20.05E, h3km, 7km, n58, e152/96, 5C-8D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BCI Bajram Curri, PUK Puka, PDG Podgorica, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SELS Selova, UPM Unac-Piva, IVAS Ivanjica, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DBRK Dubrovnik, BBLs Lazij#263, GRUS Gruza, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DIVS Divibare, BOVS Bovan, STON Ston, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOSS Bosilegrad, TRUS Trudelj, HAPS Han Pijesak, BI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZAPS Zavoj, ZAG Zajecar, VAL Valandovo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VTK Vitosh, MAKA Makarska, MAK Makarska, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ROM 22 17:50:59.8, 0.0, 43.497N, 0.003, 12.375E, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CDCA comp=N, 186um, 0.1s, ATVO AVT- Monte Var, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATVO AVT- Monte Var, PIEI Pleia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATVO AVT- Monte Focce - G, ATFO comp=E, 125um, 0.6s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATFO comp=N, 78um, 0.2s, FRON Frontone, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FRON comp=N, 83um, 0.5s, MURS Monte Urbinio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MURS Monte Urbinio, CRE Caprese Michel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CRE Caprese Michel, CAFE Castiglione Fio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CAFE Castiglione Fio, FSSB Fossombrone, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FSSB Fossombrone, ATVO AVT- Casa Cast, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATVO AVT- Casa Cast, APP3 Marolino, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like mB4.6/24, Error ellipse: s-maj=21.8km s-min=17.6km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, OUZ Omahuta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, AFI Afiamalu, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PKGZ Pakihiroa, RUGZ Raurukara Rang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RUGZ Raurukara Rang, TOZ Tahuroa Road, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TOZ Tahuroa Road, URZ Urewera, etc.

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

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

ISC 22 18:02:37.0, 4.0, 31.16N, 140.53E, h0km, mb3.2/2, mb1 3.4/3, mb1mx3 1.98, mbtrmp3 1/3, ML2.1/1, MS2.9/1, etc.

ISC 22 18:08:46.9, 0.9, 19.65S, 70.60W, h0km, mb3.7/7, mb1 4.0/9, mb1mx3 9/29, mbtrmp3 8/9, ML3.5/2, MS3.3/7, etc.

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Table with columns: PDAR, LR, 20 02 53.3, and various station names like Pinedale Array, Waverly, Acopya, etc.

2014 MAR

Table with columns: P49A, NHSC, I40A, O48A, U54A, N47A, V55A, I05D, Z58A, MSO, SPMN, J01E, Q51A, Q51A, Q51A, P50A, R52A, O49A, T54A, N48A, M47A, I03D, Y58A, U55A, V56A, P51A, EGMT, R53A, H04D, G05D, U56A, U56A, N49A, Q52A, MDND, T55A, DGMT, DGMT, Y59A, V57A, W58A, BLA, R54A, M49A, F05D, N50A, L48A, S55A, U57A, P53A, P53A, Q54A, Q54A, R55A, AGMN, AGMN, AAAM, NEW, U58A, COWI, O53A, Q55A, E04D, L50A, P54A, T58A, J48A, P55A, M52A, Q56A, EYMN, EYMN, T59A, D41A, I48A, E43A, P56A, O55A

225 19h

Table with columns: I49A, ULM, ULM, ULM, N55A, N56A, I51A, O57A, O58A, D46A, E47A, M57A, N58A, O59A, D47A, K56A, SADO, D48A, B5N, L58A, E51A, G54A, L59A, D50A, E52A, FFC, FFC, PAL, D51A, G55A, E53A, E54A, D53A, F55A, ROSO, D54A, VLDQ, RUSC, FLOC, G58A, D55A, E57A, D56A, LSQQ, SDV, SDV, D57A, F60A, D58A, LATQ, SJG, E60A, MTP, D62A, D62A, YKA, NNA, SCHO, SCHO, SCHO, TAOE, DAWY, DAWY, BCAR, EPYK, EPYK, EGAK, C36M, C36M, FRB, PAX, INK, INK, PTGA, PTGA, HDA, IL31, IL31, ILAR, ILAR, POKR, POKR, SAML, KTH, BMAR, LPAZ, LPAZ, LPAZ, LPAZ, RES, RES, IMAR, TOLK

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HKPS Hong Kong Po S, DBJI Dramaga, QZH Quanzhou, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CMAR Chiang Mai Arr, CMAR Chiang Mai, CMAR Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HTT Hallett, KOHI KOHIMA, LZH Lanzhou, etc.

OBN	MLR	MLR	comp=Z,418nm,21.0s	
OBN	OBN	P	20 59 32.3 -0.2	
RSDY	Resadiye-TOKAT	eP	20 59 34.4 +0.8	
EGAK	Eagle	eP	20 59 34.4 +0.2	
GAZ	Gaziantep	P	20 59 34.7 +0.6	
GAZ	Gaziantep	P	20 59 34.7 -0.2	
SVSK	Karacayir	eP	20 59 36.4 +1.6	
KMRS	Kahramanmaraş	eP	20 59 35.1 -0.8	
TOKT	Tokhat	eP	20 59 37.6 +1.1	
SARI	SarıDiz-Kayseri	eP	20 59 36.5 +1.2	
KVT	Kavak	eP	20 59 38.2 +0.1	
TAHT	Tahtakopru-Hat	eP	20 59 40.9 +2.0	
KMBO	Kilima Mbogo	eP	20 59 46.0 +0.4	
	comp=Z,6.2nm,0.9s,baz=56,slow=7.1,SNR=15			
KMBO		LR	21 37 10.3	
KMBO	Kilima Mbogo	eP	20 59 46.0 +0.4	
KMBO	Kilima Mbogo	eP	20 59 44.7 -0.9	
KMBO		Iamb	20 59 48.3	
	comp=Z,12nm,1.1s			
MERS	Mersin	eP	20 59 44.7 -0.4	
INK	Inuvik	P	20 59 44.8 -0.7	
	comp=Z,1.1nm,0.7s,baz=324,slow=0.6,SNR=7			
INK	Inuvik	P	20 59 45.5 0.0	
	comp=Z,17nm,1.7s			
INK	Inuvik	P	20 59 45.5 0.0	
	comp=Z,17nm,1.7s			
BR131	Keskin Array S	0.40 310	P	20 59 46.5 -0.8
BR131		Pmax	20 59 47.3 -0.7	
	comp=Z,7.0nm,0.9s			
BR131	Keskin Array S	0.40 310	P	20 59 46.5 -0.8
BR131		Iamb	20 59 49.3	
BRTR	Keskin Array B	0.40 310	P	20 59 46.2 -1.1
	comp=Z,6.2nm,0.9s,baz=120,slow=3.7,SNR=27			
BRTR		PP	21 03 24.0 -0.7	
	comp=Z,0.7nm,0.7s,baz=352,slow=7.5,SNR=37			
BRTR		LR	21 43 20.1	
	comp=Z,55nm,21.7s,baz=54,slow=38			
BRTR	Keskin Array B	0.40 310	iP	20 59 46.9 -0.4
BRTR		Pmax	20 59 46.9 -0.4	
	comp=Z,7.0nm,0.9s			
BRTR	Keskin Array B	0.40 310	P	20 59 46.4 -0.9
ARCES	ARCCESS Array B	0.70 340	P	20 59 47.9 -0.1
	comp=Z,10.0nm,0.6s,baz=82,slow=7.0,SNR=47			
ARCES		LR	21 43 38.1	
	comp=Z,316nm,21.6s,baz=114,slow=38			
ARCES	ARCCESS Array B	0.70 340	P	20 59 47.3 -0.7
CSS	Mathiatis	0.106 305	P	20 59 50.0 -0.2
CSS		Iamb	20 59 51.7	
	comp=Z,18nm,1.1s			
FINES	FINESS Array B	92.15 332	P	20 59 53.8 -0.8
	comp=Z,2.0nm,0.5s,baz=64,slow=4.4,SNR=20			
FINES		LR	21 44 41.4	
	comp=Z,332nm,19.3s,baz=76,slow=38			
FINES	FINESS Array B	92.15 332	iP	20 59 54.9 +0.2
FINES		Pmax	20 59 54.9 +0.2	
	comp=Z,2.0nm,0.5s			
AKASG	Malin Array Be	92.25 321	P	20 59 54.6 -0.7
	comp=Z,3.2nm,0.6s,baz=70,slow=4.3,SNR=18			
AKASG		LR	21 44 08.6	
	comp=Z,178nm,21.2s,baz=50,slow=37			
AKBB	Malin Array Si	92.25 321	P	20 59 54.3 -1.1
AKBB		Pmax	20 59 54.3 -1.1	
	comp=Z,9.0nm,1.1s			
AKBB	Malin Array Si	92.25 321	P	20 59 54.3 -1.1
AKBB		Iamb	20 59 56.1	
	comp=Z,8.5nm,1.1s			
KIEV	Kiev	92.26 321	P	20 59 54.0 -1.4
SYO	Syowa Base	92.26 321	eP	20 59 57.4 +1.1
C36M	Paulatuk	92.26 321	P	20 59 59.9 +0.3
TAOE	Nuku Hiva Isla	92.28 99	eLR	21 29 57.7
	comp=Z,928nm,23.2s			
QSPA	South Pole Qui	93.46 180	P	21 00 00.2 -0.6
QSPA		Iamb	21 00 02.2	
	comp=Z,16nm,1.1s			
ELL	Elmal	93.63 307	P	21 00 00.9 -1.4
ELL		Pmax	21 00 00.9 -1.4	
	comp=Z,27nm,1.1s			
ELL	Dease Lake	93.72 311	P	21 00 01.1 -1.0
	comp=Z,1.3nm,0.3s,baz=337,slow=15,SNR=2.0			
DLBC	Dease Lake	93.72 311	P	21 00 02.1 0.0
KMPD	K-Podol'skiy	94.37 319	P	21 00 05.0 -0.2
TEGR	Tescani	94.60 317	↑P	21 00 06.2 -0.2
VR	Vrincioia	94.66 316	↑P	21 00 07.5 +0.9
YRI	Vrincioia	94.66 316	↑P	21 00 07.5 +0.9
PLOR	Plostina	94.72 316	↑P	21 00 07.2 +0.3
PLOR	Plostina	94.72 316	↑P	21 00 07.2 +0.3
BISRR	Bisoca	94.73 316	↑P	21 00 07.2 +0.2
BIZ	Bicaz	94.90 318	↑P	21 00 08.0 +0.6
MLR	Muntele Rosu	95.27 316	↑P	21 00 09.8 +0.2
MLR	Muntele Rosu	95.27 316	↑P	21 00 09.3 -0.3
	comp=Z,13nm,0.9s			
MLR	Muntele Rosu	95.27 316	P	21 00 09.3 -0.3
	comp=Z,13nm,0.9s			
MLR		Iamb	21 00 11.1	
	comp=Z,13nm,0.9s			
BURAR	Bucovina Array	95.36 318	↑P	21 00 10.9 +1.0
BURAR	Bucovina Array	95.36 318	↑P	21 00 10.9 +1.0
BURAR	Bucovina Array	95.36 318	↑P	21 00 10.9 +1.0
BUR08	Bucovina Ar. S	95.37 318	P	21 00 10.0 0.0
BUR08		Iamb	21 00 12.3	
	comp=Z,5.1nm,0.8s			
DOPR	Dopca	95.56 317	↑P	21 00 10.6 -0.1
ELAND	Elena	95.78 314	↑P	21 00 11.4 -0.4
VOIR	Voiron	95.90 316	↑P	21 00 12.2 -0.2
KARP	Karpathos	96.00 306	↑P	21 00 12.8 -0.2
ARCR	ARCALIA	96.04 318	↑P	21 00 13.7 +0.8
ARR	Arges	96.20 316	↑P	21 00 13.4 -0.3
CJR	Ciuj-Napoca	96.63 318	↑P	21 00 16.6 +1.0
LOT	Lotru	96.78 316	↑P	21 00 16.5 +0.1
TRPA	Trapa	97.02 319	↑P	21 00 17.3 +0.1
UZH	Uzhgorod	97.06 320	eP	21 00 16.6 -0.8
UZH		P	21 00 36.1	
UZH		P	21 00 41.9	
DEV	Deva	97.28 317	↑P	21 00 17.1 -1.4
DEV	Deva	97.28 317	↑P	21 00 17.1 -1.4
GZR	Gura Zlata	97.47 316	↑P	21 00 19.7 +0.1
GZR	Gura Zlata	97.47 316	↑P	21 00 19.7 +0.1
DAG	Danmarks Havn	97.47 352	iP	21 00 18.0 -0.7
DAG	Danmarks Havn	97.47 352	iP	21 00 18.0 -0.7
	comp=Z,4.0nm,0.6s			
VTS	Vitosha	97.74 314	↑P	21 00 20.0 -0.9
VTS	Vitosha	97.74 314	↑P	21 00 21.6 +0.7
RES	Resolute Bay	97.92 10	P	21 00 19.9 -1.1
	comp=Z,2.2nm,0.8s,baz=277,slow=4.7,SNR=12			
BZS	Buzias	98.22 317	↑P	21 00 22.2 -0.5
BZS	Buzias	98.22 317	↑P	21 00 22.2 -0.5
NOA	NORSAR Array B	99.10 334	P	21 00 25.2 -1.2
	comp=Z,0.6nm,0.6s,baz=86,slow=4.5,SNR=2.6			
NOA		LR	21 50 17.6	
	comp=Z,253nm,18.9s,baz=60,slow=38			
YKA	Yellowknife Ar	99.52 24	P	21 00 28.3 +0.1
	comp=Z,0.6nm,0.6s,baz=132,slow=7.2,SNR=6.0			
YKA		LR	21 50 30.3	
BRG	Berggiesshobel	101.59 324	eP	21 00 39.6 +2.0
	comp=Z,3.4nm,1.0s			
CLL	Collim	101.98 324	ePKIKP	21 05 02.0 +0.1
CLL		iPP	21 05 07.5	
CLL		Lm	21 50 00.0	
	comp=N,100nm,20.8s			
CLL		Lm	21 50 00.0	
	comp=E,200nm,21.0s			
CLL		Lm	21 50 00.0	
	comp=Z,300nm,20.8s			
TXAR	Lajitas Array	121.43 52	PKP	21 05 39.0 -0.4
	comp=Z,2.0nm,0.4s,baz=291,slow=1.8,SNR=1.7			
TXAR	Lajitas Array	121.43 52	PKIKP	21 05 39.0 -0.4
TOAO	Torodi Ar. Sit	123.30 288	PKIKP	21 05 43.7 +0.2
TORD	Torodi Ar. Sit	123.30 288	PKIKP	21 05 43.7 +0.2
	comp=Z,2.2nm,0.7s,baz=61,slow=1.4,SNR=1.1			
S3A	Solivar	124.44 10	PKIKP	21 05 45.2 +0.1
TKL	Tuckaleechee C	131.46 34	PKP	21 05 58.3 0.0
	comp=Z,1.7nm,0.6s,baz=344,slow=13,SNR=1.9			
PLCA	Paso Flores	139.72 159	PKP	21 06 13.8 +0.2
	comp=Z,2.1nm,0.9s,baz=205,slow=4.1,SNR=3.5			
JTS	Las Juntas de	145.27 66	PKPbc	21 06 23.7 -0.2

comp=Z,10nm,0.7s,baz=360,slow=2.8,SNR=7.3

NEIC 22 20:48:52.1,6,6:75N:0:06:72:96W:0:07,h162km,5km, mb4.4/100,Error ellipse: s-maj=10.5km s-min=7.8km az=127.0

ICD 22:48:52.8:0.5,6:71N:72:98W,h173km,6km,mb3.8/23, mb1.4/0.31,mb1mx3.9/48,mbtmp4.4/31,Error ellipse: s-maj=9.4km s-min=8.8km az=100.0

RSNC 22 20:48:53.9:1.0,6:81N:73:14W,h152km,4km,ML4.6, Mw4.5, Fault plane solution: NP1,az=72.00000°, s71.00000°, lambda=180.00000°

ISC 22:48:52.4:0.5,6:83N:73:03:73:06W:0:03,h162km,4km, n329,az=182/358,mb4.3/68,24C-11D,Northern Colombia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC Res
BARC	Barichara	0.27	207	↑P	20 49 13.8 -0.7	
BARC				Pn	20 49 29.0 -2.5	
BARC				Pn	20 49 30.0	
	comp=Z,16μm,0.3s					
PAMC	Pampiona, Colo	0.62	36	↑P	20 49 16.6 +0.3	
PAMC				Pn	20 49 33.5 -1.1	
PAMC				Pn	20 49 36.0	
	comp=Z,9μm,0.5s					
BRRC	Barranca, Sant	0.70	293	↑P	20 49 15.7 -0.4	
BRRC				Pn	20 49 33.0 -1.3	
BRRC				Pn	20 49 36.4	
	comp=Z,4μm,0.4s					
RUSC	La Rusia	0.93	181	↑P	20 49 17.8 -0.6	
RUSC				Pn	20 49 36.6 -1.7	
RUSC				Pn	20 49 39.1	
	comp=Z,6μm,0.5s					
RUSC	La Rusia	0.93	181	↑P	20 49 17.3 -1.0	
RUSC				Pn	20 49 35.9 -2.4	
TAMC	Tame, Arauca	1.32	107	↑P	20 49 22.0 +0.8	
TAMC				Pn	20 49 43.5 +0.3	
TAMC				Pn	20 49 43.0	
	comp=Z,1.4μm,0.2s					
PTBC	PUERTO BERRIO,	1.42	258	↑P	20 49 20.3 -1.7	
PTBC				Pn	20 49 41.9 -2.9	
PTBC				Pn	20 49 43.5	
	comp=Z,6μm,0.3s					
OCAC	Ocana	1.42	350	↑P	20 49 21.8 -0.4	
OCAC				Pn	20 49 44.2 -1.1	
OCAC				Pn	20 49 49.5	
	comp=Z,5μm,0.2s					
SPBC	San Pablo de B	1.54	221	↑P	20 49 22.6 -0.8	
SPBC				Pn	20 49 44.9 -2.5	
SPBC				Pn	20 49 49.9	
	comp=Z,9μm,0.2s					
ZARC	Zaragoza, Cauca	1.90	290	↑P	20 49 25.9 -1.2	
ZARC				Pn	20 49 52.2 -1.7	
ZARC				Pn	20 49 58.7	
	comp=Z,5μm,0.4s					
NORC	Norcasia	2.19	235	↑P	20 49 29.4 -1.1	
NORC				Pn	20 49 58.1 -1.9	
NORC				Pn	20 50 02.2	
	comp=Z,4μm,0.2s					
SMLC	San Martin de	2.20	333	↑P	20 49 29.5 -1.0	
SMLC				Pn	20 49 50.0 -0.0	
SMLC				Pn	20 49 51.5 -0.5	
	comp=Z,2.9μm,0.2s					
CHIC	Chingaza	2.29	197	↑P	20 50 00.8 -1.8	
CHIC				Pn	20 50 07.3	
	comp=Z,2μm,0.6s					
ROSC	El Rosal	2.34	212	↑P	20 49 33.4 +0.8	
ROSC				Pn	20 49 57.8 +1.1	
ROSC				Pn	20 50 04.7 +1.0	
	comp=Z,2μm,0.3s,baz=100,slow=4.1,SNR=380					
ROSC	El Rosal	2.34	212	↑P	20 49 33.4 +0.8	
ROSC				Pn	20 50 08.6 +0.8	
ROSC				Pn	20 50 08.6	
	comp=Z,5μm,0.3s					
ROSC	El Rosal	2.34	212	↑P	20 49 33.3 +0.7	
ROSC				Pn	20 50 04.5 +0.9	
ROSC				Pn	20 49 36.3 +1.3	
	comp=Z,5μm,0.3s					
CYVER	Cruz Verde, Cu	2.51	204	↑P	20 50 06.5 -1.3	
CYVER				Pn	20 50 06.5 -1.3	
CYVER				Pn	20 50 05.3 -2.3	
	comp=Z,3μm,0.3s					
HEL	Santa Helena	2.55	256	↑P	20 50 12.2	
HEL				Pn	20 49 33.2 -2.3	
HEL				Pn	20 50 04.6 -4.3	
	comp=Z,3μm,0.3s					
UREC	San Jos de Ur	2.62	291	↑P	20 49 33.2 -2.3	
UREC				Pn	20 50 04.6 -4.3	
UREC				Pn	20 50 18.9	
	comp=Z,3μm,0.2s					
PTGC	Puerto Gaitan,	2.77	161	↑		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like N56A West Decatur, O50A Cable, U40A Yellville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BATG Bathurst New B, D48A Paudash Townsh, T21A Cookes Peak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DBIC Dimbokro, KIC Kosar Boka, SUMG Summit, etc.

PB01	comp=N,6j,m,0.5s			IAML	22 16 00.8
PB01	IPOC Station P	1.93 133	Pn	Pn	22 15 30.4 +1.0
PB01	IPOC Station P	1.93 133	iP	Pn	22 15 30.3 +1.0
PB01		22 15 54.2 +1.0	eS	Sn	
PB01		22 16 04.3	iS	IAML	
PB16	comp=Z,7j,m,1.4s	1.98 46	iP	Pn	22 15 31.0 +0.6
PB16	IPOC Station P			Sb	22 15 57.2 -0.4
PB16				IAML	22 16 10.4
PB16	comp=N,33j,m,0.9s				
PB16	IPOC Station P	1.98 46	Pn	Pn	22 15 30.9 +0.6
PB07	IPOC Station P	2.25 153	iP	Pn	22 15 34.1 +0.4
PB07				Sg	22 16 08.8 -0.9
PB07				IAML	22 16 21.5
PB07	comp=E,6j,m,0.7s	2.25 153	Pn	Pn	22 15 34.4 +0.7
PB07	IPOC Station P			Pn	22 15 38.8 +0.4
PB03	IPOC Station P	2.59 153	iP	Sg	22 16 18.5 -2.1
PB03				IAML	22 16 27.3
PB03	comp=E,3j,m,0.5s	2.59 153	iP	Pn	22 15 38.9 +0.4
PB03	IPOC Station P			Sg	22 16 21.0 +0.4
PB03				IAML	22 16 26.7
PB09	comp=Z,3j,m,1.4s	2.64 142	IAML		22 16 22.8
PB09	IPOC Station P			Pn	22 15 40.2 +1.1
PB09	comp=E,4j,m,0.7s	2.64 142	iP	Pn	22 15 40.8 +1.7
PB09	IPOC Station P			IAML	22 16 30.1
PB04	comp=Z,5j,m,0.6s	2.71 163	Pn	Pn	22 15 40.2 0.0
PB04	IPOC Station P			Pn	22 15 40.1 0.0
PB05	IPOC Station P	3.20 167	iP	Pn	22 15 46.4 -0.4
PB05				IAML	22 16 50.9
PB06	comp=Z,2j,m,1.0s	3.25 156	iP	Pn	22 15 47.6 +0.1
PB06	IPOC Station P			IAML	22 16 50.5
LVC	comp=Z,4j,m,0.8s	3.47 146	Pn	Pn	22 15 52.0 +1.3
LVC	Limon Verde			Sn	22 16 33.7 +2.2
LVC	comp=Z,31nm,0.3s,baz=330,slow=11,SNR=67			Sn	
LVC	comp=Z,79nm,0.3s,baz=59,slow=23,SNR=7.7			Lg	22 16 43.9
LVC	Limon Verde	3.47 146	eP	Pn	22 15 52.3 +1.6
LVC	Limon Verde	3.47 146	iP	Pn	22 15 52.5 +1.8
LVC				IAML	22 16 55.1
PB15	comp=Z,1j,m,1.8s	3.75 158	Pn	Pn	22 15 54.4 0.0
PB15	IPOC Station P			Pn	22 15 54.4 0.0
PB10	IPOC Station P	3.79 174	Pn	Pn	22 15 54.3 -0.5
PB10	IPOC Station P	3.79 174	iP	Pn	22 15 54.3 -0.5
PB10				IAML	22 17 14.1
LPAZ	comp=Z,927nm,1.5s	4.38 39	Pn	Pn	22 16 06.8 +3.4
LPAZ	L Paz			Pn	22 16 06.0 +2.6
LPAZ	comp=Z,1.7nm,0.3s,baz=212,slow=9.1,SNR=57			Pn	22 16 05.5 +2.2
LPAZ	L Paz			Pn	22 16 09.8 -0.6
PB14	IPOC Station P	4.91 174	iP	Pn	22 17 39.9
PB14				IAML	
NNA	comp=Z,438nm,1.5s	9.53 323	Pn	Pn	22 17 18.8 +5.1
NNA	Nana			Sn	22 19 04.3 +4.0
NNA	comp=Z,2.5nm,0.3s,baz=132,slow=14,SNR=2.8			Sn	
NNA	comp=Z,3.5nm,0.3s,baz=266,slow=19,SNR=2.4			LR	22 20 37.8
NNA	comp=Z,1j,m,1.9s,baz=162,slow=36			Pn	22 17 12.7 -0.9
NNA	Nana	9.53 323	eP	Pn	22 17 12.7 -0.9
NNA	Nana	9.53 323	Pn	Pn	22 17 20.0 -1.9
SIV	San Ignacio	10.15 70	Pn	Pn	22 17 20.0 -1.9
SIV	comp=Z,10nm,0.3s,baz=270,slow=9.8,SNR=53			LR	22 21 51.0
GO04	comp=Z,6j,m,18.0s,baz=272,slow=42			Pn	22 17 25.5 -0.3
GO04	Tololo Observa	10.0 179	Pn	Pn	22 18 01.9 -0.8
SAML	Samuel	13.11 36	Pn	Pn	22 18 01.9 -0.8
SAML	Samuel	13.11 36	Pn	Pn	22 18 03.3 -0.3
ROC1	Ei Robo	13.20 180	Pn	Pn	22 18 07.5 +1.3
PEL	Peldehue	13.37 179	Pn	Pn	22 18 07.5 +1.3
PEL	Peldehue	13.37 179	Pn	Pn	22 18 18.6 +1.2
CPUP	Villa Florida	14.19 120	Pn	Pn	22 24 22.5
CPUP	comp=Z,0.7nm,0.3s,baz=284,slow=15,SNR=3.5			LR	22 24 22.5
CPUP	comp=Z,2j,m,20.1s,baz=299,slow=40			Pn	22 18 12.0 -1.4
CPUP	Villa Florida	14.19 120	Pn	Pn	22 18 16.0 -1.4
CPUP	Villa Florida	14.19 120	Pn	Pn	22 18 24.8 -3.1
ATAH	Atahualpa	14.43 329	Pn	Pn	22 19 13.6 +5.8
ATAH	comp=Z,4.3nm,0.3s,baz=112,slow=11,SNR=1.7			Pn	22 18 27.8 -1.5
SALV	Santo Antonio	15.06 78	eP	Pn	22 18 27.8 -1.5
CLDB	Colider	17.09 61	eP	Pn	22 18 57.6 -1.5
TRCB	Terra Rica	17.39 103	eP	Pn	22 19 11.8 -1.5
PCMB	Pacambu	18.57 99	eP	Pn	22 19 13.5 -1.4
ARAG	Araguana, MT	18.71 81	eP	Pn	22 19 26.9 +0.2
ITAB	Itaboraite	18.84 117	eP	Pn	22 19 32.0 +0.2
GO06	Cararehue	19.80 181	Pn	Pn	22 19 41.9 +0.1
FRTB	Fatura	20.26 104	eP	Pn	22 22 08.2
PLCA	Paso Flores	20.94 179	Pn	Pn	22 19 42.0 +0.2
PLCA	comp=Z,4.4nm,0.5s,baz=13,slow=10,SNR=23			LR	22 19 46.0 -0.8
PLCA	Paso Flores	20.94 179	Pn	Pn	22 19 51.2 +4.2
IPMB	Ipaerangi, GO	21.63 89	eP	Pn	22 19 51.2 +4.2
FLOC	Florenca	21.66 347	Pn	Pn	22 19 47.4 +0.4
FLOC	Florenca	21.66 347	Pn	Pn	22 19 46.1 -1.8
PTGA	Pitinga	21.75 31	Pn	Pn	22 19 46.2 -1.8
PTGA	Pitinga	21.75 31	Pn	Pn	22 19 58.6
PTGA	comp=Z,51nm,0.8s			Pn	22 19 46.2 -1.8
CRUC	La Cruz	21.95 34	eP	Pn	22 19 57.5 +7.0
GARC	Garzon, Huila	22.22 348	eP	Pn	22 19 54.7 +1.5
SPB	Sao Paulo	22.23 104	eP	Pn	22 19 52.1 +4.2
BDFB	Brasilia	22.27 83	Pn	Pn	22 19 52.1 -1.5
BDFB	comp=Z,7.7nm,0.7s,baz=249,slow=13,SNR=9.5			LR	22 30 01.9
BDFB	comp=Z,2j,m,20.8s,baz=274,slow=41			Pn	22 19 52.9 -0.8
BDFB	Brasilia	22.27 83	Pn	Pn	22 19 52.9 -0.8
PCON	Cinco Dias	22.55 346	eP	Pn	22 20 06.6 +9.5
VAO	Vainhos	22.61 103	eP	Pn	22 19 56.6 -0.7
POPC	Popayan, Colom	22.82 345	eP	Pn	22 20 05.2 +5.6
GRIC	Gorgona, Isla	23.66 342	eP	Pn	22 20 10.1 +2.3
GRIC				Pn	22 20 13.6 +5.8
PTGC	Puerto Gaitan,	23.80 357	eP	Pn	22 20 19.2 +1.0
ORTC	Ortega, Tolima	23.85 349	eP	Pn	22 20 12.2 +2.4
ORTC				Pn	22 20 12.2 +2.4
YOTC	Yotoco, Valle	24.14 347	eP	Pn	22 20 16.4 +3.9
YOTC				eP	22 20 18.5 +0.7
CHIC	Chingaza	24.35 353	eP	Pn	22 20 17.1 +2.3
ROSC	Ei Rosal	24.63 352	Pn	Pn	22 20 18.8 +1.5
ROSC	comp=Z,21nm,0.8s,baz=183,slow=15,SNR=4.5			LR	22 30 20.7
ROSC	comp=Z,1j,m,20.8s,baz=200,slow=36			Pn	22 20 21.9 +4.7
ROSC	Ei Rosal	24.63 352	Pn	Pn	22 20 17.1 -0.1
ROSC				IAML	22 20 34.1
RREF	El Recreo	24.84 350	eP	Pn	22 20 21.9 +2.5
PLMC	San Jos del P	25.02 347	eP	Pn	22 20 23.4 +2.9
SMTB	Santa Maria do	25.09 68	eP	Pn	22 20 19.9 -1.1
GUY2C	Guayana, Caldas	25.16 350	eP	Pn	22 20 24.8 +2.6
GUY2C				Pn	22 20 26.9 +4.7
PIZC	Pizarro, Choco	25.32 345	eP	Pn	22 20 12.6 -1.1
SPBC	San Pablo de B	25.40 353	eP	Pn	22 20 24.8 +0.7
NORC	Norcasia	25.42 351	eP	Pn	22 20 26.1 +0.5
RUSC	La Rusia	25.54 355	eP	Pn	22 20 26.1 +0.5
RUSC	La Rusia	25.54 355	eP	Pn	22 20 26.6 -1.7
JANB	Jandua	25.87 84	eP	Pn	22 20 31.7 +3.2
CBOC	Ciudad Bolivar	25.90 349	eP	Pn	22 20 18.5 +0.7
CBOC				Pn	22 20 31.7 +0.9
HELC	Santa Helena	26.24 350	eP	Pn	22 20 31.3 +1.5
BARC	Barichara	26.24 355	eP	Pn	22 20 31.0 -1.1
PTBC	PUERTO BERRIO,	26.32 352	eP	Pn	22 20 36.0 -0.1
PAYG	Puerto Ayora	26.74 313	Pn	Pn	22 20 41.1 +0.4
ZARC	Zaragoza, Cauc	27.31 352	eP	Pn	22 20 42.2 +1.1
ZARC				Pn	22 20 51.1 -0.2
SDV	Santo Domingo	28.43 1	Pn	Pn	22 20 51.0 0.0
SDV	Santo Domingo	28.43 1	Pn	Pn	22 20 51.0 -0.4

BSFB	Barra de Sao F	28.46 93	eP	P	22 20 50.5 -0.9
SMLC	San Martin de	28.51 354	eP	P	22 20 49.9 -1.8
BCIP	Isla Barro Col	30.00 342	eP	P	22 21 02.3 -2.7
BCIP	Isla Barro Col	30.00 342	Pn	P	22 21 02.3 -2.7
TOSP	Speyside	32.51 19	Pn	P	22 21 26.8 -0.3
JTS	Las Juntas de	32.84 334	iP	P	22 21 31.0 +0.9
GRGR	comp=Z,5.0nm,1.1s			pmax	
GRGR	Grenville	32.97 17	Pn	P	22 21 30.1 -1.0
EFI	East Falkland	33.47 165	iP	P	22 21 33.1 -2.0
SVB	comp=Z,61nm,1.2s			pmax	
SVB	Belmont	34.16 17	Pn	P	22 21 41.1 -0.5
FFF	Fort de France	35.59 17	Pn	P	22 21 52.6 -1.3
FFF	Fort de France	35.59 17	Pn	P	22 21 52.5 -1.3
RPN	Rapa Nui	35.83 251	LR	LR	22 22 35.7
RPN	comp=Z,1j,m,18.3s,baz=101,slow=30			P	22 21 52.1 -3.9
RPN	Rapa Nui	35.83 251	Pn	Pn	22 21 52.1 -3.9
RPN	comp=Z,206nm,1.4s			pmax	
RCBR	Riachuelo	36.81 73	Pn	Pn	22 22 04.2 -0.2
RCBR	comp=Z,42nm,1.0s			pmax	
RCBR	Riachuelo	36.81 73	Pn	Pn	22 22 04.2 -0.2
RCBR	comp=Z,42nm,1.0s			IAMB	22 22 05.0
RCBR	Riachuelo	36.81 73	eP	Pn	22 22 04.4 -0.1
MLPR	Maguayes Islan	37.66 6	Pn	Pn	22 22 09.6 -1.9
CRPR	Cabo Rojo, PR	37.69 6	Pn	Pn	22 22 10.8 -0.9
OBIP	Obispado Ponce	37.78 7	Pn	Pn	22 22 10.0 -2.5
PDRP	Patillas Dam,	37.83 8	Pn	Pn	22 22 11.3 -1.6
PDRP				IAMB	22 22 25.2
BANI	BANI	37.89 1	Pn	Pn	22 22 12.3 -1.2
SJG	San Juan	37.90 8	Pn	Pn	22 22 11.9 -1.6
SJG	comp=Z,30nm,1.0s			pmax	
SJG	San Juan	37.90 8	Pn	Pn	22 22 11.9 -1.6
SJG				IAMB	22 22 12.8
CBYP	Canoyanas	38.10 8	Pn	Pn	22 22 13.6 -1.6
GCPR	Guayanabo City	38.10 8	Pn	Pn	22 22 12.5 -2.8
CUPR	Culebra, Puert	38.21 9	Pn	Pn	22 22 14.2 -1.9
CUPR				IAMB	22 22 20.1
STVI	Saint Thomas	38.30 9	Pn	Pn	22 22 16.0 -0.8
STVI	comp=Z,238nm,1.4s			IAMB	22 22 21.7
DR12	Loma Pena Alta	38.31 2	Pn	Pn	22 22 15.6 -1.4
SMRT	St. Maarten	38.32 12	Pn	Pn	22 22 14.3 -2.9
SMRT				IAMB	22 22 28.8
CCIG	comp=Z,48nm,0.9s			Pn	22 22 43.0 +0.2
TEIG	Tepech	41.38 328	Pn	Pn	22 22 58.4 +1.4
TEIG	comp=Z,5.6nm,0.5s,baz=133,slow=0.0,SNR=5.4			Pn	22 22 57.2 +0.2
TEIG	Tepech	41.38 328	Pn	Pn	22 23 01.9 +2.4
CMIG	Matias Romero	43.46 326	Pn	Pn	22 22 57.2 +0.2
CMIG	comp=Z,1.6nm,0.2s,baz=159,slow=5.7,SNR=4.9			Pn	22 23 01.9 +2.4
451A	Vernon	52.02 344	Pn	Pn	22 24 03.9 -1.8
BBSR	BB Station	52.15 7	Pn	Pn	22 24 06.8 +0.2
ZAIG	Zacatecas	52.28 322	Pn	Pn	22 24 07.5 -0.7
352A	Blakely	52.64 345	Pn	Pn	22 24 09.8 -0.7
BRAL	Brawley	52.90 343	Pn	Pn	22 24 11.9 -0.4
CSU	Charleston Sou	53.13 350	Pn	Pn	22 24 15.4 +1.6
NHSC	New Hope	53.26 350	Pn	Pn	22 24 15.5 +0.7
NHSC	New Hope	53.26 350	Pn	Pn	22 24 16.3 +1.4
154A	Montrose	53.32 347	Pn	Pn	22 24 17.7 -0.5
154A	comp=Z,34nm,1.1s			IAMB	22 24 25.6
Z58A	St. Stephen	53.43 351	Pn	Pn	22 24 17.9 +1.9
Z58A	baz=170			Pn	22 24 15.3 -1.0
250A	Grady	53.45 344	Pn	Pn	22 24 26.5
250A	comp=Z,22nm,1.1s			IAMB	22 24 26.5
Z57A	Bowman	53.53 350	Pn	Pn	22 24 18.0 +1.2
Z56A	Williston	53.67 349	Pn	Pn	22 24 18.4 +0.5
152A	Waverly Hall	53.73 3			

W39A	Magazine	58.75	338	P	P	22 24 55.8	+1.7
S49A	Springfield	58.76	347	P	P	22 24 54.0	-0.1
FCAR	Ozark Folk Cen	58.82	340	P	P	22 24 54.1	-0.5
ABTX	Ablene, Hawle	58.83	332	P	P	22 24 56.1	+1.4
ABTX	Ablene, Hawle	58.83	332	P	P	22 24 56.2	+1.5
T45A	Paducah	58.84	344	P	P	22 24 54.6	-0.1
Q57A	Strasburg	58.86	353	P	P	22 24 56.6	+1.8
R51A	Hillsboro	58.91	348	P	P	22 24 55.5	+0.3
Q56A	Snyder Ridge,	58.96	353	P	P	22 24 55.6	+0.1
Q56A	Snyder Ridge,	58.96	353	P	P	22 24 55.7	+1.9
Q56A	Snyder Ridge,	58.96	353	P	P	22 24 55.7	+1.5
R50A	Paris	59.04	348	P	P	22 24 55.8	-0.3
R50A	Paris	59.04	348	P	P	22 24 56.2	+0.1
Q53A	Leroy	59.10	350	P	P	22 24 57.4	+0.9
PBMO	Poplar Bluff	59.12	342	P	P	22 24 55.0	-1.7
Q54A	Coxs Mills	59.12	351	P	P	22 24 56.2	-0.5
Q54A	Coxs Mills	59.12	351	P	P	22 24 57.0	+0.4
R49A	Shelbyville	59.22	347	P	P	22 24 57.6	+0.3
P57A	Homestead Farm	59.26	354	P	I Amb	22 24 56.3	-1.3
P57A	Homestead Farm	59.26	354	P	P	22 24 59.4	+1.8
WCI	Wyandotte Cave	59.41	346	P	P	22 24 58.2	-0.5
WCI	Wyandotte Cave	59.41	346	P	P	22 24 58.2	-0.5
WCI	Wyandotte Cave	59.41	346	P	P	22 24 58.1	-0.5
U40A	Yellville	59.48	340	P	P	22 24 58.2	-1.0
U40A	Yellville	59.48	340	P	P	22 24 59.9	+0.7
USIN	University of	59.48	345	P	I Amb	22 24 58.7	-0.5
USIN	University of	59.48	345	P	I Amb	22 25 08.9	
P55A	Reedsville	59.50	352	P	P	22 25 00.7	+1.4
T42A	Van Buren	59.55	341	P	P	22 24 59.1	-0.5
Q51A	Peebles	59.58	349	P	I Amb	22 24 59.3	-0.5
Q51A	Peebles	59.58	349	P	P	22 25 00.3	+0.5
S44A	Carbondale	59.64	343	P	P	22 24 59.6	-0.6
MCWV	Mont Chateau	59.65	352	P	P	22 24 59.8	-0.4
SIUC	Southern Illin	59.65	343	P	P	22 24 60.0	-0.3
P54A	Burton	59.68	352	P	P	22 25 01.4	+0.9
P53A	Whipple	59.70	351	P	P	22 25 00.9	+0.3
P53A	Whipple	59.70	351	P	P	22 25 01.6	+1.0
X34A	Smith Ranch, M	59.75	334	P	P	22 25 01.4	+0.3
HHAR	Hobbs	59.78	339	P	P	22 25 01.3	0.0
W35A	Tecumseh	59.85	336	P	P	22 25 01.9	+0.2
Q49A	Aurora	59.85	348	P	P	22 25 02.3	+0.6
Q48A	North Vernon	59.96	347	P	P	22 25 02.3	-0.1
P52A	Corning	59.96	350	P	P	22 25 02.6	+0.2
P51A	Williamsport	59.97	349	P	I Amb	22 25 01.6	-0.9
P51A	Williamsport	59.97	349	P	I Amb	22 25 03.3	
MGMO	Mountain Grove	60.02	340	P	I Amb	22 25 03.4	+0.5
MGMO	Mountain Grove	60.02	340	P	I Amb	22 25 13.2	
U38A	Gravette	60.08	338	P	I Amb	22 25 03.8	+0.5
U38A	Gravette	60.08	338	P	I Amb	22 25 13.9	
O56A	Blue Knob Stat	60.10	353	P	I Amb	22 25 03.8	+0.4
O56A	Blue Knob Stat	60.10	353	P	I Amb	22 25 05.9	
TUL1	Leonard	60.11	337	P	P	22 25 03.8	+0.3
TUL1	Leonard	60.11	337	P	P	22 25 04.7	+1.2
O55A	Ligonier	60.12	353	P	P	22 25 04.9	+1.4
FNO	Franklin	60.15	335	P	P	22 25 03.8	0.0
BRNJ	Basking Ridge	60.19	357	P	P	22 25 03.7	-0.2
P50A	Jamestown	60.22	349	P	P	22 25 04.3	+0.1
O54A	Avela	60.23	352	P	I Amb	22 25 04.3	0.0
O54A	Avela	60.23	352	P	I Amb	22 25 15.2	
OLIL	Olney	60.32	345	P	I Amb	22 25 04.0	-0.9
OLIL	Olney	60.32	345	P	I Amb	22 25 04.8	
BLO	Bloomington	60.36	346	P	pmax	22 25 04.4	-0.8
BLO	Bloomington	60.36	346	P	I Amb	22 25 04.4	-0.8
O52A	Adamsville	60.38	350	P	I Amb	22 25 04.3	-1.0
O52A	Adamsville	60.38	350	P	I Amb	22 25 05.9	
O52A	Adamsville	60.38	350	P	P	22 25 05.7	+0.4
P48A	Milroy	60.40	347	P	P	22 25 04.8	-0.6
O53A	New Philadelph	60.42	351	P	P	22 25 06.0	+0.5
O51A	Pataskala	60.54	350	P	P	22 25 06.6	+0.2
CCM	Cathedral Cave	60.54	342	P	P	22 25 06.1	-0.3
CCM	Cathedral Cave	60.54	342	P	P	22 25 06.1	-0.3
CCM	Cathedral Cave	60.54	342	P	P	22 25 06.7	+0.3
ODNJ	Ogdensburg	60.59	357	P	P	22 25 06.0	-0.7
N55A	Marion Center	60.65	353	P	P	22 25 08.4	+1.3
ACSO	Alum Creek Sta	60.68	349	P	P	22 25 07.1	-0.3
ACSO	Alum Creek Sta	60.68	349	P	P	22 25 07.5	+0.2
N56A	West Decatur	60.71	354	P	P	22 25 08.9	+1.4
O50A	Cable	60.71	349	P	P	22 25 07.6	0.0
Q44A	Meyer Farm, Va	60.72	344	P	I Amb	22 25 06.1	-1.4
Q44A	Meyer Farm, Va	60.72	344	P	I Amb	22 25 17.4	
MNTX	Cornudas Mount	60.84	327	P	P	22 25 09.1	+0.5
MNTX	Cornudas Mount	60.84	327	P	P	22 25 09.6	+1.0
S39A	Bolivar	60.85	340	P	P	22 25 07.9	-0.6
O49A	Covington	60.89	348	P	P	22 25 08.8	0.5
O49A	Covington	60.89	348	P	P	22 25 08.5	-0.3
N53A	Lisbon	60.91	351	P	I Amb	22 25 09.5	+0.6
N53A	Lisbon	60.91	351	P	I Amb	22 25 24.3	
P46A	Rosedale	60.95	346	P	P	22 25 08.6	-0.5
N54A	Moraine State	60.95	352	P	P	22 25 09.5	+0.3
N54A	Moraine State	60.95	352	P	P	22 25 10.1	+0.9
M57A	Sunshine Farm,	61.02	355	P	I Amb	22 25 10.6	+1.0
M57A	Sunshine Farm,	61.02	355	P	I Amb	22 25 11.5	
N52A	McGinn's Farm,	61.04	351	P	P	22 25 10.2	+0.4
R40A	Middles Statio	61.07	341	P	P	22 25 09.5	-0.5
M59A	Waymart	61.09	356	P	P	22 25 11.6	+1.5
O48A	Farmland	61.11	348	P	P	22 25 09.8	-0.5
N50A	Nevada	61.24	349	P	P	22 25 10.5	-0.6
N51A	Ashland	61.25	350	P	I Amb	22 25 11.1	-0.1
N51A	Ashland	61.25	350	P	I Amb	22 25 20.5	
M56A	Emporium	61.26	354	P	P	22 25 12.4	+1.2
M56A	Emporium	61.26	354	P	P	22 25 12.5	+1.2
T35A	Sooner Cattle	61.27	337	P	P	22 25 12.0	+0.6
M55A	Ridgway	61.31	353	P	P	22 25 12.1	+0.5
M55A	Ridgway	61.31	353	P	P	22 25 12.8	+1.3
M54A	Mulheose	61.38	330	P	P	22 25 12.7	+0.3
M54A	Mulheose	61.38	330	P	P	22 25 13.6	+1.2
M54A	Oil Creek Stat	61.45	353	P	P	22 25 12.8	+0.3
M54A	Oil Creek Stat	61.45	353	P	P	22 25 13.6	+1.0
M53A	WJ Miller and	61.51	352	P	P	22 25 13.5	+0.6
P43A	Skaggs, Pawnee	61.54	344	P	P	22 25 12.4	-0.7
N49A	Columbus Grove	61.57	349	P	P	22 25 13.5	+0.2
L58A	Harry Jones Me	61.62	356	P	P	22 25 15.2	+1.5
AMTX	Amarillo	61.64	332	P	P	22 25 14.8	+0.8
SFIN	Lafayette	61.65	346	P	P	22 25 12.9	-1.0
SFIN	Lafayette	61.65	346	P	P	22 25 13.3	-0.5
ALLY	Alegheny Colle	61.65	352	P	P	22 25 13.1	-0.8
N48A	Decatur	61.67	348	P	P	22 25 13.8	-0.2
M52A	Chesterland	61.70	351	P	P	22 25 13.7	-0.5
M52A	Chesterland	61.70	351	P	P	22 25 14.8	+0.6
L59A	Walton	61.72	357	P	I Amb	22 25 14.5	+0.2
L59A	Walton	61.72	357	P	I Amb	22 25 16.0	
O44A	Manfield	61.76	345	P	I Amb	22 25 14.0	-0.5
O44A	Manfield	61.76	345	P	I Amb	22 25 23.5	
U32A	Winter Ranch,	61.76	335	P	I Amb	22 25 15.1	+0.3
U32A	Winter Ranch,	61.76	335	P	I Amb	22 25 25.6	
BIN2	Binghamton	61.78	356	P	P	22 25 15.1	+0.4
BIN2	Binghamton	61.78	356	P	P	22 25 16.2	+1.4
N47A	Urbana	61.82	347	P	P	22 25 14.5	-0.5
N47A	Urbana	61.82	347	P	P	22 25 14.6	-0.4
M50A	Fremont	61.83	350	P	P	22 25 15.0	-0.1
M50A	Fremont	61.83	350	P	P	22 25 15.4	+0.3
L56A	Greenwood	61.85	354	P	P	22 25 15.8	+0.6
L56A	Greenwood	61.85	354	P	P	22 25 16.1	+0.9
L53A	Girard	61.96	352	P	P	22 25 16.7	+0.8
L55A	Hinsdale	61.98	354	P	P	22 25 17.4	+1.3
M49A	Liberty Center	62.06	349	P	P	22 25 16.7	+0.1
ERPA	Erie	62.09	352	P	P	22 25 16.3	-0.5
ERPA	Erie	62.09	352	P	P	22 25 17.6	+0.8
L54A	Sinclairville	62.12	353	P	P	22 25 18.4	+1.3
WVNY	West Valley, N	62.22	352	P	P	22 25 18.5	+0.8
K59A	Coopers town	62.29	357	P	P	22 25 19.5	+1.3
K58A	Earlville	62.32	356	P	I Amb	22 25 19.8	+0.5
K58A	Earlville	62.32	356	P	I Amb	22 25 20.5	
K58A	Earlville	62.32	356	P	I Amb	22 25 19.7	+1.3
HDIL	Hopedale	62.34	344	P	I Amb	22 25 16.5	-2.0
HDIL	Hopedale	62.34	344	P	I Amb	22 25 27.9	
L50A	Kingsville	62.42	350	P	P	22 25 20.0	+1.0
K54A	Basiliko Farm,	62.43	354	P	P	22 25 20.4	+1.3
K54A	Basiliko Farm,	62.43	354	P	P	22 25 20.3	+0.8
K55A	Perry	62.48	350	P	P	22 25 20.2	0.0
L48A	N Adams	62.60	349	P	P	22 25 21.1	+0.6
L49A	Milhan	62.64	349	P	P	22 25 21.1	+0.6
P38A	Dawn	62.68	341	P	I Amb	22 25 21.0	+0.2
P38A	Dawn	62.68	341	P	I Amb	22 25 31.0	
319A	Dot	62.70	323	P	P	22 25 22.8	+1.5
121A	Cookes Peak, D	62.76	325	P	P	22 25 22.8	+1.1
121A	Cookes Peak, D	62.76	325	P	P	22 25 25.5	+3.7
K52A	Tiltsburg	62.83	352	P	P	22 25 22.4	+0.7
J58A	Remsen	62.90	356	P	I Amb	22 25 21.6	-0.6
J58A	Remsen	62.90	356	P	I Amb	22 25 22.3	
N41A	Harden Midland	62.90	343	P	P	22 25 22.1	-0.1
J56A	Walcott	62.92	355	P	P	22 25 22.2	-0.1
MEDO	Medina	62.95	354	P	P	22 25 22.5	-0.1
J59A	Piesco	62.96	357	P	P	22 25 23.7	+1.1
J59A	Piesco	62.96	357	P	P	22 25 23.6	+1.0
J57A	Williamstown	62.99	356	P	I Amb	22 25 23.2	+0.4
J57A	Williamstown	62.99	356	P	I Amb	22 25 24.6	
J55A	Hilton	62.99	354	P	P	22 25 22.1	-0.7
L46A	Euse Claire	63.03	347	P	P	22 25 21.0	-2.1
J54A	Apollon	63.08	354	P	P	22 25 20.6	-2.8
K50A	Casco	63.10	350	P	P		

Table with columns for station name, coordinates, and status. Includes stations like ISCO Idaho Springs, TAOE Nuku Hiva Isla, PV01 Paradox Valley, etc.

Table with columns for station name, coordinates, and status. Includes stations like HVU Hinsel Valley, HVM Red Top Meadow, HVO Old Snowing Moun, etc.

Table with columns for station name, coordinates, and status. Includes stations like BILL comp=Z,1.0nm,1.2s, KIV Kislovodsk, KVB comp=Z,10.0nm,1.1s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like IMMV, GVD, VAM, KTHA, etc.

SJA 22:25:15.3±1.2, 19:74Sx71.14W, h42km, 40km, ML4.0, MW3.9

IDC 22:25:15.2±1.1, 19:51Sx70:80W, h0km, mb3.8/5, mb1.4/1.7, mb1mx3.8/35, mbtmp3.9/7, ML3.8/2, Error ellipse: s-maj=32.8km s-min=16.7km az=70.0

NEIC 22:25:16.9, 19:74S:71:00W, h20km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr:1.0; Mss:0.01; Mss:0.09; Mss:0.16; Mss:0.38; Mss:0.61; Fault plane solution: Mo:1.32000x10^15 NP1:340.61000x, s30:71.000x, s87:27000x, NP2:163.79000x, Azm343.00000x, Azm78.00000x; T:1.2607, Plg76.00000x, Azm78.00000x; N:0.1122, Plg1.00000x, Azm343.00000x; P:-1.3730, Plg14.00000x, Azm253.00000x

NEIC 22:25:16.9±1.6, 19:74S:0.04x71:00W:0.07, h19km, 7km, MW4.0/38 Error ellipse: s-maj=9.9km s-min=6.5km az=90.0

GUC 22:25:11:17.6±0.9, 19:72Sx70:98W, h42km, 3km, ML3.9

ISC 22:25:11:15.8±1.6, 19:69S:0.03x71:02W:0.06, h13km, 9km, n57, r1524/70, mb4.1/4, 8C-3D, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PSGC, PATCX, AP01, GO01, PB08, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PB09, PB04, PB05, PB06, LVC, etc.

ISC 22:23:00:33.4±0.9, 20:25Sx71:27W, h10km, ML3.0, MW3.0

IDC 22:23:00:34.0±1.4, 20:96Sx70:34W, h0km, mb3.6/1, mb1.3/4.2, mb1mx3.2/24, mbtmp3.3/2, ML2.9/1, Error ellipse: s-maj=148.8km s-min=68.8km az=102.0

ISC 22:23:00:35.0±1.5, 20:30S:0.06x71:2W:0.1, h10km, n11, r212/13, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PB04, PB09, PB05, PB06, LVC, etc.

IDC 22:23:13:24.8±1.7, 19:32Sx71:02W, h0km, mb4.1/3, mb1.4/1.5, mb1mx3.8/31, mbtmp4.0/5, ML2.9/1, Ms1.3/0.1, ms1mx2.4/33, Error ellipse: s-maj=43.7km s-min=20.8km az=67.0

ISC 22:23:13:29.2±1.5, 19:33S:0.1x71:1W:0.2, h35km, n10, r155/6, mb4.2/3, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LVC, LPAZ, SIV, PTGA, YRKA, etc.

CNRM 23:00:03:11.4±1.0, 36:50N:12:79W, h0km, Error ellipse: s-maj=12.8km s-min=7.4km az=150.0

IDC 23:00:03:13.8±2.6, 36:66N:12:57W, h0km, mb3.6/6, mb1.3/8/8, mb1mx3.5/51, mbtmp3.6/8, ML4.4/2, Error ellipse: s-maj=58.1km s-min=27.3km az=80.0

MDD 23:00:03:15.9±0.9, 36:62N:12:85W, h37km, 39km, mb4.7/1, mbLg3.9/27, Error ellipse: s-maj=11.3km s-min=8.5km az=115.0, PRXIMO

IGIL 23:00:03:16.8, 36:69N:12:77W, h26km, ML3.6

LDG 23:00:03:18.2±0.2, 36:73N:12:63W, h15km, M3.5/11, Error ellipse: s-maj=3.4km s-min=2.8km az=54.0

INMG 23:00:03:18.5±1.3, 36:58N:12:83W, h10km, ML3.4, Error ellipse: s-maj=4.1km s-min=2.0km az=123.0

NEIC 23:00:03:18.1±1.6, 36:82N:0.07x12:4W:0.1, h10km, 2km, mb4.2/3, Error ellipse: s-maj=17.2km s-min=10.5km az=247.0

ISC 23:00:03:14.6±0.8, 36:64N:0.05x12:61W:0.05, h10km, n165, r154/168, mb3.9/9, 6C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PFV1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PFV1, PTEO, LIS, PMAFR, PNCL, MESJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUL Funchal, PMOZ Porto Moniz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EPON Pontenova, GOLF Goulmima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSKI Bangkinang, GSI Gunungsitoli, etc.

Table with columns: STKA, CMAR, MJAR, SONM, MKAR, KURBB, GQSA. Includes station names, coordinates, and technical details.

NORS 23 00:46:18.0,0.43,18N-46.33E,h2km,MPVA3.8
TIF 23 00:46:19.7,43.37N,46.37E,h12km,1km
DRS 23 00:46:20.0,0.43,37N-46.32E,h14km
ISC 23 00:46:20.1,1.2,43.34N,0.04,46.50E,0.03,h12km,9km,
n32,c1549/65,1C-2D,Eastern Caucasus

Main table for 23d Oh section, listing stations like DLMR, DBC, GBC, KRRN, UNCR, BTLR, etc. with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

IDC 23 00:46:35.7,1.1,30.79N,139.83E,h17km,10km
mb3.7/25,mb1.3.8/32,mb1mx3.7/62,mbtmp0.3/32, Error
ellipse: s-maj=16.0km s-min=9.2km az=64.0
JMC 23 00:46:36.3,0.4,31.01N,140.42E,h154km,4km,M3.8
NEIC 23 00:46:39.0,1.3,31.11N,0.1,140.0E,0.1,h145km,7km,
mb4.2/18, Error ellipse: s-maj=17.7km s-min=14.0km
az=65.0

Table for 23d Oh section, listing stations like JHCJ, JHU2, JHU3, etc. with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

Table with columns: ERM, KSRs, USAJ, ASURK, USRSK, YSS, KLR, HHC, H112, H111, H113, H113S, H11S1, H11S2. Includes station names, coordinates, and technical details.

IDC 23 00:54:12.3,5.1,2.76N-94.12E,h78km,57km,mb3.4/6,
mb1.3.5/8,mb1mx3.2/55,mbtmp3.7/8,ML3.8/2,MS3.1/5,
Ms1.3.1/5,ms1mx2.8/38, Error ellipse: s-maj=67.4km
s-min=38.3km az=85.0, Nicobar Islands region

Main table for 2014 MAR section, listing stations like MA2, LZH, SONM, SEYM, WMQ, ZAAO, ZALV, etc. with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

IDC 23 00:59:27.2,29.0,18.84N-146.15E,h355km,313km,
mb2.9/6,mb1.3.1/6,mb1mx2.8/46,mbtmp3.6/6, Error
ellipse: s-maj=67.6km s-min=35.1km az=49.0,Mariana
Islands

Table for 2014 MAR section, listing stations like PSI, CMAR, JMK, LEM. Includes station names, coordinates, and technical details.

Table with columns: H08S3, H08S2, H08S1, MKAR, SONM, GEYT, ZALV, KBZ, FINES, ARCES. Includes station names, coordinates, and technical details.

IDC 23 00:56:14.4,1.2,19.43S,70.88W,h0km,mb3.9/5,
mb1.4.1/7,mb1mx3.8/30,mbtmp0.4/7,ML3.7/2,MS2.8/4,
Ms1.2.8/4,ms1mx2.7/30, Error ellipse: s-maj=32.6km
s-min=25.5km az=91.0
NEIC 23 00:56:15.9,2.0,19.70S,0.04,71.10W,0.06,h16km,6km,
mb4.6/6, Error ellipse: s-maj=8.6km s-min=6.3km az=96.0
GUC 23 00:56:16.7,0.7,19.70S,71.09W,h43km,ML3.8
ISC 23 00:56:14.1,1.2,19.70S,0.03,71.17W,0.06,h131km,13km,
n53,c1542/58,mb4.1/4,10C, Off coast of northern Chile

Main table for 1270 section, listing stations like PISG, PISGC, PATCX, etc. with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

IDC 23 00:59:27.2,29.0,18.84N-146.15E,h355km,313km,
mb2.9/6,mb1.3.1/6,mb1mx2.8/46,mbtmp3.6/6, Error
ellipse: s-maj=67.6km s-min=35.1km az=49.0,Mariana
Islands

Table for 1270 section, listing stations like WRA, FITZ. Includes station names, coordinates, and technical details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, DZM Mont Dzumac, WRM Warramunga Arr, etc.

ASRS 23 02:22:16.6:0.4, 50°N, 127°05'E, h10km, MLh3.2/15, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLNR Muhor-Tarhata, CUR Chagan-Uzun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UKR Ust-Kan, KZR Kyzyl, LUZB Luzhba, Kemero, etc.

UCR 23 02:30:07.6:1.0, 12°42'N, 87°91'W, h19km, 11km, ML3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNCH Conchagua, LCND La Caada, JUCU Jucuarjn, etc.

IDC 23 02:32:40.8:1.0, 3°84'S, 151°32'E, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.7/33, mbtmp3.7/6, MS3.1/5, Ms1 3.1/5

ISC 23 02:32:44.2:0.9, 3.9S, 02.151.3E, 0.1, h21km, n12, c1509/8, mb3.5/6, MS2.9/4, New Ireland region

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

IDC 23 02:36:03.5:1.3, 3.77S, 151°29'E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/32, mbtmp3.5/4, Error ellipse: s-maj=29.3km s-min=19.6km az=29.0, New Ireland region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FTIG Fresnillo de T, PEIG Puerto Escondi, PEIG Huajuaplan de L, etc.

JMA 23 03:08:52.6:0.1, 24°52'N, 122°54'E, h99km, 2km, M2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

23d 4h

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

2014 MAR

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Diego Aracena, etc.

1274

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

23d 4h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like MAJO Matsushiro, APYV Conner, ERM Ermo, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like TYV comp=Z,281nm,1.5s, HOPS Hoiland Field, FMP Fort Macarthur, etc.

1276

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like GRNR comp=Z,120nm,1.1s, DL2 Dalian, PMSA Palmer Station, etc.

23d 4h

Table with columns for station call letters, name, frequency, and other details. Includes stations like KEBE, AROR, KSP, etc.

2014 MAR

Table with columns for station call letters, name, frequency, and other details. Includes stations like YLV, VRAC, WRAC, etc.

1280

Table with columns for station call letters, name, frequency, and other details. Includes stations like GEC2, GERES, GEC2, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PETK, KSKS, KSRs, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like INK, SOMN, DGMT, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOEI, MMRI, EDFI, etc.

BUI 23 04:45:57.3, 0.0, 20:47'S-178:36'W, h614km, mB5.0/28, mb5.1/43

MOS 23 04:45:57.4, 0.0, 20:65'S-178:79'W, h605km, mb4.8/21, Error ellipse: s-maj=10.7km, s-min=10.6km, az=19.9

NEIC 23 04:45:59.1, 1.6, 20:65'S-178:80'W, h620km, mb4.9/26, Error ellipse: s-maj=15.0km, s-min=13.6km, az=119.0

BGR 23 04:46:00.3, 0.0, 20:87'S-178:52'W, h630km, mb4.3/28, Error ellipse: s-maj=10.6km, s-min=9.0km, az=136.0

ISC 23 04:45:58.2, 0.0, 20:79'S-178:58'W, h610km, mb4.9/20, Error ellipse: s-maj=15.0km, s-min=13.6km, az=119.0

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like RPZ Rata Peaks, FOZ Fox Glacier, DCZ Deep Cove, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like JAGI Jajag, GMJI Gumukmas, GRJI Gresli, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like HEC Hector Ludlow, WAKR Walker, BKNI Bangkinang, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like B05A Bryant, KNK Knik Glacier, PMR Palmer, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like POKR POKer Plat Res, MSO Missoula, DLMT Dillon, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TLY Talaya, LVC Limon, CPUP Villa Florida, etc.

23K 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PARAK, KAVA, SOKA, PERS, etc.

2014 MAR

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

1286

Table with columns for station name, frequency, power, and other technical details. Includes stations like ERMK, YAYL, KRTS, etc.

Technical notes and coordinates for stations in the 23K 5h section, including IDs like IDC 23 04:55:37.0, 1.1, 34.58N, 33.84E, etc.

Technical notes and coordinates for stations in the 1286 section, including IDs like IDC 23 05:07:49.2, 47.0, 15.92S, 176.14W, etc.

BGR 23:05:19.48.3.0.0.20.84S:178.22W,h600km
IDC 23:05:19.48.7.0.9.20.66S:178.80W,h596km,10km
mb3.9/26,mb1 4.0/30,mb1mx4.0/42,mbtmta.9/30,Error
ellipse: s-maj=11.6km s-min=8.3km az=153.0
MOS 23:05:19.50.5.0.9.20.53S:179.01W,h621km,mb4.7/32,
Error ellipse: s-maj=13.0km s-min=9.7km az=45.1
NEIC 23:05:19.50.7.1.3.20.66S:178.97W,0.1,h619km,6km,
mb4.6/236,Error ellipse: s-maj=15.1km s-min=11.3km
az=118.0

ISC 23:05:19.49.1.0.2.20.70S:0.05.178.84W,0.05,h600km,
n661,r1823/725,mb4.6/162.54C-25D,Fiji Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOEI, LBMI, PSA00, NWA00, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MBAR, GAZ, SORM, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NKC, PBOC, ISP, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JIO, Ouri, JOM, etc.

Code Station Name Az AzZ Phase ID Op ISC Time Res
JMKIT Kesennumamotoy 0.09 277 S Pn 05 26 50.9 +0.5
JMKIT Ofunato 0.29 13 J S Sn 05 27 01.6 +0.1
JMKIT Ofuju 0.29 13 J S Sn 05 26 51.5 +0.5
JMKIT Ofuju 0.29 13 J S Sn 05 27 02.4 +0.1
JMK Ichinoseki 0.33 298 J S Sn 05 26 51.2 +0.1
JMK JMK 0.33 298 J S Sn 05 27 02.2 +0.6

23d 10h

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like LPAZ La Paz, G002 Mina Guanaco, AZAP Zapla, etc.

2014 MAR

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like KSH Kashi, MKAR Makanchi Array, MKAR Makanchi Array, etc.

1292

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like PTGA Pitinga, PTGA Pitinga, PTGA Pitinga, etc.

ADC 23 10:23:02.70, 8.19, 61.61S; 70°63W, h0km, mb4.1/13, mb1 4.2/17, mb1mx4.1/36, mbtmp4.1/17, ML3.5/4, MS3.5/4, Ms1 3.5/4, ms1mx3.1/27, Error ellipse: s-maj=23.4km s-min=15.7km az=47.0, NEIC 23 10:23:05.71, 9.19, 76.5S; 0°03:70.83W, h0km, mb4.4/m, mb4.7/31, Mw1.3/34, ML4.3(GUC), Error ellipse: s-maj=4.3km s-min=2.6km az=186.0, NEIC 23 10:23:05.5, 19.77S; 70.83W, h24km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr1.91; Mw=0.01; Mw=1.90; Mw=0.05; Mw=0.15; Mw=2.37; Fault plane solution: Ms3.04000x10^15 NP1:ps352.99000°, delta146000°, delta5.14000°. NP2:ps178.14000°, delta70.61000°, delta1.72000°. Principal axes: T 3.0473, Plg64.0000°, Azm91.0000°; N -0.0058, Plg2.0000°, Azm358.0000°; P -3.0415, Plg26.0000°, Azm267.0000°. GUC 23 10:23:06.6, 0.7, 19.73S; 70.80W, h43km, mb4.3, ML4.3, Mw1.02/37, 4.1, 19.64S; 70.71W, h30km, mb4.4, ISC 23 10:23:06.2, 1.3, 19.71S; 0°03:70.78W, h0.05, h26km, gkm, n132, e1940/147, mb4.6, 23, 6C-5D, Near coast of northern Chile

ADC 23 10:33:03.0, 8.9, 2.14S; 145.13828E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.4/24, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=384.7km s-min=31.8km az=84.0, IJaya WRA Warrungarra Arr 18.11 192 Op ISC h m s ISC 0.2mm, 0.3s, baz=11, slow=13, SNR=5.8 WRA baz=15, slow=22, SNR=4.8 ASAR Alice Springs 21.82 191 P S 0.6mm, 0.6s, baz=22, slow=11, SNR=12 ASAR 1.5mm, 0.9s, baz=15, slow=18, SNR=8.6 MKAR Makanchi Array 69.08 322 P P 0.4mm, 0.7s, baz=114, slow=6.5, SNR=2.0 ISC 23 10:40:20.4, 2.0, 51.37N; 0°09:16.26E, h0km, m14, c15127, Poland

23d 11h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KARP Karpathos, IMMV Iera Moni Meta, and various other regional stations.

2014 MAR

Table with columns for station name, frequency, power, and signal strength. Includes stations like CSS Mathiatis, TEKE Tekeli-Mersin, and various other regional stations.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like KBZ Khabaz, KRUC Moravsky, and various other regional stations.

Table with columns: TOR, YKA, URZ, ASAR, WRA, WRA, WRA, MAZK, MKAR, MKAR, MKAR, MJAR, MJAR, MJAR, HHC, LZH, LZH, LZH, CD2. Includes station names, times, and various codes.

IDC 23 13:02:03.8.1.3, 39.13N:72.29E, h0km, mb3.5/5, mb1 3.6/1.1, mb1mx3.4/5.4, mbtmp3.5/1.1, ML3.1/6, MS3.6/1, Ms1 3.6/1, ms1mx2.3/4.6, Error ellipse: s-maj=22.7km s-min=16.8km az=106.0

SOME 23 13:02:03.3, 39.42N:72.40E, h10km, KRNET 23 13:02:08.4.0.1, 39.42N:72.27E, mb3.5, NNC 23 13:02:09.9.1.9, 39.43N:72.16E, h0km, mb3.9, mpv3.4, Error ellipse: s-maj=14.5km s-min=8.5km az=177.0

ISU 23 13:02:09.0, 39.50N:72.10E, h5km, ISU 23 13:02:06.3.2.8, 39.18N:0.07E:72.26E:0.04, h12km, 18km, n52, c2846/81, mb3.5/5, 33C-14D, Kyrgyzstan

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from BTk to ULHl.

Table with columns: ULHL, BOOM, BOOM, KDJ, KST, DGS, DGS, DGS, DGS, BTLS, BTLS, MKAR, KURBS, KURBS, AB31, BVAR, AKTO, AKTO, AKTO, AKTO, ZALV, FINES, FINES, ARCS, ARCS, YKA, WRA, ASAR. Includes station names, times, and various codes.

IDC 23 13:25:27.1.7, 0.87N:124.46E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.2/4.6, mbtmp3.5/4, Error ellipse: s-maj=199.2km s-min=23.6km az=63.0

DJA 23 13:13:15.7.0.6, 0.5N:12.3E, h129km, 10km, M3.4/8, MLV3.3/8, MLV3.4/4

ISC 23 13:13:14.8.0.9, 0.09N:123.50E:0.04, h150km, n12, c095/16, mb3.4/4, Minahas Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from KMSI to MKAR.

IDC 23 13:16:54.1.5.8, 9.21S:118.02E, h94km, 49km, mb3.2/4, mb1 3.3/7, mb1mx3.1/4.7, mbtmp3.6/7, Error ellipse: s-maj=94.0km s-min=17.7km az=64.0

DJA 23 13:16:57.0.3.9, 9.54S:111.8E, h71km, 5km, M4.0/10, mb4.3/1, MLV3.9/10

ISC 23 13:16:55.0.8.9, 11S:118.40E:0.06, h100km, n17, c1547/21, mb3.6/3, Sambawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from PLAI to MKAR.

DDA 23 13:20:45.9, 40.52N:40.89E, h7km, 3km, ML1.9, ISK 23 13:20:45.6, 40.47N:40.94E, h11km, ML2.6/8, ISC 23 13:20:46.1, 0.9, 40.49N:0.02, 40.91E:0.03, h15km, 7km, n24, c054/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from KRIK to BAYB.

Table with columns: KOPT, KOPT, KOPT, BAYT, BAYT, CHAY, CHAY, CHOM, CHOM, DDEM, DDEM, DDEM, DBAD, DBAD, DBAD, KOPR, KOPR, HOMI, HOMI, HAMI, HAMI, DAGI, DAGI, KTUT, KTUT, DBOC, DBOC, BCA, BCA, YEDI, YEDI, BATM, BATM, BATM, KETL, KETL, KETL, EATA, EATA, BNGL, BNGL, EPOS, EPOS, ESPY, ESPY. Includes station names, times, and various codes.

IDC 23 13:28:51.0.2.9, 6.75S:129.75E, h142km, 39km, mb3.5/1, mb1 3.1/5, mb1mx2.9/3.7, mbtmp3.5/5, MS3.4/1, Ms1 3.4/1, ms1mx2.3/2.7, Error ellipse: s-maj=71.0km s-min=21.0km az=88.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from SIJI to MKAR.

JMA 23 13:41:43.0.0.2, 38.46N:144.34E, h53km, M3.9, IDC 23 13:41:48.5.1.4, 38.93N:143.25E, h0km, mb3.8/11, mb1 3.9/1.3, mb1mx3.7/6.4, mbtmp3.8/13, ML3.7/2, MS2.7/4, Ms1 2.7/4, ms1mx2.4/4.5, Error ellipse: s-maj=32.3km s-min=17.7km az=153.0

NEIC 23 13:41:50.1.2.6, 38.93N:0.1, 1.43E:0.2, h27km, 8km, mb4.4/6, Error ellipse: s-maj=20.2km s-min=11.1km az=125.0

ISC 23 13:41:43.5.1.3, 38.47N:0.06, 144.4E:0.1, h29km, n58, c2808/65, mb3.8/14, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from OFUJ to SEY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKH Batumi, SHA1 Shidzhatmaz, TBG Delisi, etc.

DNK 23 15:38:30.4, 3.0, 80.11N, 3.64E, h48km, 109km, ML3.3, Hypocentre not reviewed by the ISC
IDC 23 15:38:32.8, 1.0, 79.78N, 2.76E, h0km, mb3.4/8, mb1 3.6/12, mb1mx3.4/58, mbtmp3.5/12, ML3.3, MS2.7/6, Ms1 2.7/6, ms1mx2.5/34, Error ellipse: s-maj=30.9km s-min=15.3km az=30.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBS Kingsbay, BRBB Barentsburg B, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUMG Summit, KULLO Kullorsuaq, RES Resolute Bay, etc.

SJA 23 15:50:29.0, 0.5, 19.35S, 71.53W, h56km, 6km, ML3.4, MW3.7
GUC 23 15:50:41.4, 0.8, 19.91S, 70.96W, h22km, 16km, ML3.2
ISC 23 15:50:45.1, 1.7, 19.88S, 0.05, 71.03W, 0.09, h30km, 16km, n18, e132/28, 3C-5D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSCG Pisagua, TA01 Diego Aracena, PB08 IPOC Station P, etc.

IDC 23 15:52:51.9, 4.0, 65.00S, 179.60E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.8/30, mbtmp3.9/4, ML3.7/1, MS3.8/6, Ms1 3.8/6, ms1mx3.5/17, Error ellipse: s-maj=140.8km s-min=26.8km az=68.0, Baileny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNSA Vanda, GSPA South Pole Qui, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, BRTR Keskin Array B, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like LZH, GAITA, SONM, GUN, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like BCAR, KURK, NIL, FYU, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like NWLT, NDLT, YMO1, etc.

IDC 23 16:12:20.4+2.5, 6.82S, 132.47E, h0km, mb3.2/1, mb1 3.6/5, mb1mx3.8/30, mbtm3.5/5, ML3.6/4, Error ellipse: s-maj=104.6km s-min=25.7km az=84.0, Taiwan Islands region

Taiwan Islands region

TAP 23 16:22:52.7, 24.76N, 122.35E, h21km, ML2.6, C JMA 23 16:22:53.4+0.1, 24.68N, 122.38E, h44km, 5km, M1.6

ISC 23 16:22:52.8+1.0, 24.78N, 122.37E, 0.02, h25km, 10km, h40, 0.849/62, Taiwan region

Code Station Name Az AzZ Phase ID Time Res

SIJI Sorong 6.03 348 Op ISC h m s ISC 16 13 50.3 -0.7

FITZ Fitzroy Crossi 13.04 210 Pn 16 15 26.1 -0.9

WRA Warramunga Arr 13.17 172 Pn 16 15 29.3 +0.5

ASAR Alice Springs 16.80 175 Pn 16 16 17.1 -0.2

ASAR Makanchi Array 69.44 326 S Sn 16 19 15.0 -1.0

TAP 23 16:22:52.7, 24.76N, 122.35E, h21km, ML2.6, C JMA 23 16:22:53.4+0.1, 24.68N, 122.38E, h44km, 5km, M1.6

ISC 23 16:22:52.8+1.0, 24.78N, 122.37E, 0.02, h25km, 10km, h40, 0.849/62, Taiwan region

Code Station Name Az AzZ Phase ID Time Res

EOSI EOS1 0.32 223 i P Pb 16 22 59.8 -0.2

NTC Toucheng 0.49 278 e P Pb 16 23 05.4 -0.8

TWC Suao 0.50 250 e P Pb 16 23 02.1 -0.9

TIPB Shuangxi 0.53 291 i P Pb 16 23 07.3 +0.2

IDC 23 16:45:13.0+1.0, 19.44S, 70.91W, h0km, mb4.2/4, mb1 4.2/6, mb1mx3.8/30, mbtm4.2/6, ML3.72, MS3.0/4, Ms1 3.0/4, ms1mx2.8/27, Error ellipse: s-maj=36.6km s-min=17.7km az=71.0

NEIC 23 16:45:14.1+1.6, 19.70S, 0.03, 71.08W, 0.04, h12km, 4km, mb4.2/4, Mw4.0/31, Error ellipse: s-maj=5.2km

NEIC 23 16:45:15.19, 70S, 71.10W, h17km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr1: 30; Mw: 0.11; Mw: 1.18; Mw: 0.14; Mw: 0.44; Mw: 0.54; Fault plane solution: M1: 4.3000x10^15 NP1: 0.338, 0.6000, 0.33, 59000, 1.86, 53000, NP2: 0.162, 22000, 0.56, 48000, 1.92, 30000, Principal axes: T 1.4122, Plg7.0000, Azm80.0000, N 0.0432, Plg2.0000, Azm341.0000, P -1.4554, Plg11.0000, Azm251.0000

GUC 23 16:45:15.6+0.9, 19.71S, 71.06W, h44km, 2km, ML3.9

ISC 23 16:45:12.1+1.8, 19.70S, 0.03, 71.14W, 0.05, h4km, 11km, mb4.19/55, mb4.3/3, 7C-2D, Off coast of northern Chile

Code Station Name Az AzZ Phase ID Time Res

PSGC Pisagua 0.96 84 i P Pb 16 45 31.8 +0.4

PSGC Pisagua 0.96 84 i S Pb 16 45 31.8 +0.4

TA01 Diego Aracena 1.25 134 i P Sg 16 45 37.0 +0.7

BP12 IPOC Station P 1.32 35 i P Pb 16 45 37.5 -0.1

BP12 IPOC Station P 1.40 93 i S Pb 16 45 39.1 +0.3

BP11 IPOC Station P 1.40 93 i S Pb 16 45 37.4 -0.0

BP11 IPOC Station P 1.40 93 i S Pb 16 45 39.0 +0.1

PATCX Punta Patache 1.45 141 i P Pb 16 45 39.0 +0.2

PATCX Punta Patache 1.45 141 i S Pb 16 45 37.7 -0.9

AP01 Chacalluta 1.52 30 i P Pb 16 45 39.6 -0.4

GO01 Chusmiza 1.83 89 i P Pb 16 45 59.2 -1.0

GO01 Chusmiza 1.83 89 i S Pb 16 46 08.9 +0.2

BP08 IPOC Station P 1.92 104 i P Sg 16 45 52.0 +0.2

BP02 IPOC Station P 1.99 144 e P Pb 16 45 47.5 +0.9

BP01 IPOC Station P 2.05 131 i P Pb 16 45 48.5 +1.1

BP16 IPOC Station P 2.05 49 i P Pb 16 45 48.8 +0.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like GUN Gumba, DMN Daman, PKIN Pulchok, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like DMMP Don Marcelino, GSPH General Santos, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like SJA 23 18:19:53.7, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like BJI 23 18:20:01.0, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like NEIC 23 18:20:01.9, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like VAO 23 18:20:01.8, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like MOS 23 18:20:04.7, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like BGR 23 18:20:05.6, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like NEIC 23 18:20:07.9, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like G004 Tololo, ARRO Rodde, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like CPUP Villa Florida, ATAH Athetaupa, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like SALV Santo Antonio, G005 Huala, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like CLDB Colider, PTGB Pitanga, etc.

Azm92.0000; N - 0.0963, Plg5.0000; Azm353.0000; P -3.8754, Plg29.0000; Azm260.0000; ISC 23 18:20:01.2, 0.5, 19.705:70.02:70.78W+0.03, h14km,2km, m1793, c251/1851, mb6.0/256, MS6.1/461, 56C-19D, Near

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like Diego Aracena, IPOC Station P, Chuzmisia, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like Pedras Altas, Curarehue, Canela, etc.

23d 18h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like SFAN, ESPN, BBGH, etc.

2014 MAR

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like Y60A, Y60A, Y60A, etc.

1310

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like U61A, X48A, NATX, etc.

1311

T52A	comp=Z,160nm,1.2s	IAMs_20	IAMs_20	18 55 40.6
T52A	comp=Z,17um,21.0s			
T52A	Halle	57.67 348	P	18 29 50.7 -0.4
T52A	baz=166,SNR=17	S	S	18 37 45.4 -3.9
S56A	baz=166			
S56A	Natural Bridge	57.67 352	P	18 29 51.8 +0.7
S56A	baz=170,SNR=18	S	S	18 37 48.2 -1.0
S57A	baz=170			
S57A	Dark Hollow, R	57.67 352	IAMB	IAMB
S57A	comp=Z,338nm,1.4s			
S57A	Dark Hollow, R	57.67 352	P	18 29 51.3 +0.2
S57A	baz=171,SNR=49	S	S	18 37 49.2 -0.1
U49A	baz=171			
U49A	Red Boiling Sp	57.68 346	P	18 29 49.9 -1.4
U49A	comp=Z,286nm,1.6s			
U49A	IAMs_20	IAMs_20	18 54 39.9	
T51A	Gray	57.72 348	P	18 29 50.6 -0.9
T51A	baz=165,SNR=39	S	S	18 37 45.3 -4.6
R58B	baz=165			
R58B	Mineral	57.75 353	IAMB	IAMB
R58B	comp=Z,236nm,1.3s			
R58B	IAMs_20	IAMs_20	18 55 57.2	
R58B	comp=Z,12um,20.0s			
R58B	Mineral	57.75 353	P	18 29 51.8 +0.1
R58B	baz=172,SNR=47	S	S	18 37 50.1 -0.1
SACV	baz=172			
SACV	Santiago Islan	57.79 57	P	18 29 52.5 0.0
SACV	comp=Z,190nm,0.9s			
SACV	Santiago Islan	57.79 57	IAMS_20	IAMS_20
SACV	comp=Z,15um,21.0s			
WVT	Waverly	57.83 344	P	18 29 50.4 -1.9
WVT	comp=Z,97nm,0.8s			
WVT	MLR	MLR	MLR	
WVT	Waverly	57.83 344	P	18 29 50.4 -1.9
WVT	comp=Z,97nm,0.8s			
WVT	Waverly	57.83 344	P	18 29 50.8 -1.5
WVT	baz=161	S	S	18 37 44.6 -6.7
X40A	baz=161			
X40A	Basin Creek Fa	57.83 339	P	18 29 52.9 +0.6
X40A	baz=155,SNR=7.0	S	S	18 37 48.0 -3.5
S55A	baz=155			
S55A	Lewisburg	57.90 351	P	18 29 53.0 +0.2
S55A	baz=169,SNR=34	S	S	18 37 50.3 -2.0
R59A	baz=169			
R59A	King George, V	57.90 354	P	18 29 54.8 +2.0
R59A	baz=173,SNR=8.5	S	S	18 37 51.6 -0.6
R60A	baz=173			
R60A	Leonardtown, M	57.92 355	P	18 29 54.3 +1.5
R60A	baz=174			
UALR	University of	57.93 339	IAMB	IAMB
UALR	comp=Z,225nm,1.4s			
CBN	Corbin Frederi	57.93 354	IAMS_20	IAMS_20
CBN	comp=Z,14um,21.0s			
CBN	Corbin Frederi	57.93 354	P	18 29 53.7 +0.8
CBN	baz=173	S	S	18 37 51.6 -0.6
T50A	Nancy	57.96 347	P	18 29 52.1 -1.1
T50A	baz=164,SNR=45	S	S	18 37 48.3 -4.8
S54A	baz=164			
S54A	Dingess, Beckl	58.05 350	IAMB	IAMB
S54A	comp=Z,175nm,1.0s			
S54A	Dingess, Beckl	58.05 350	P	18 29 53.5 -0.4
S54A	baz=168,SNR=31	S	S	18 37 50.9 -3.4
S53A	baz=168			
S53A	Williamson	58.07 349	P	18 29 53.6 -0.4
S53A	baz=168,SNR=26	S	S	18 37 51.0 -3.5
R58A	baz=168			
R58A	Rapidan	58.09 353	P	18 29 54.3 +0.2
R58A	baz=172,SNR=34	S	S	18 37 54.3 -0.4
HBAR	baz=172			
HBAR	Harrisburg	58.10 341	IAMS_20	IAMS_20
HBAR	comp=Z,11um,20.0s			
MIAR	Mount Ida	58.14 338	P	18 29 54.4 -0.1
MIAR	comp=Z,195nm,1.2s			
MIAR	MLR	MLR	MLR	
MIAR	Mount Ida	58.14 338	P	18 29 54.4 -0.1
MIAR	comp=Z,6um,20.0s			
MIAR	Mount Ida	58.14 338	P	18 29 53.9 -0.6
MIAR	baz=155,SNR=69	S	S	18 37 53.1 -2.5
R57A	baz=155			
R57A	Standardsville	58.15 353	P	18 29 54.9 +0.4
R57A	baz=172,SNR=39	S	S	18 37 54.8 -0.6
TXAR	baz=172			
TXAR	Lajitas Array	58.16 326	P	18 29 54.0 -0.9
TXAR	comp=Z,11nm,0.8s,baz=151,slow=8.4,SNR=45			
TXAR	LR	LR	LR	
TXAR	comp=Z,5um,18.5s,baz=0.0,slow=36			
TXAR	PK2Pbc			
TXAR	comp=Z,1.2nm,0.9s,baz=289,slow=3.8,SNR=5.0			
TXAR	Lajitas Array	58.16 326	P	18 29 54.5 -0.4
TXAR	Lajitas Array	58.16 326	P	18 29 54.5 -0.4
TX31	Lajitas Arr. Si	58.16 326	P	18 29 52.9 -2.0
TX32	Lajitas Array	58.16 326	P	18 29 54.2 -0.7
T49A	Edmonton	58.19 346	IAMB	IAMB
T49A	comp=Z,208nm,0.9s			
T49A	IAMs_20	IAMs_20	18 55 06.4	
T49A	comp=Z,18um,21.0s			
T49A	Edmonton	58.19 346	P	18 29 53.6 -1.2
T49A	baz=164,SNR=118	S	S	18 37 51.0 -5.0
S52A	baz=164			
S52A	Salversville	58.24 349	P	18 29 55.3 +0.1
S52A	baz=166,SNR=8.6	S	S	18 29 55.3 0.0
W41B	Gary Mavity, V	58.26 339	P	18 29 52.6 -4.3
W41B	baz=156,SNR=34	S	S	18 37 52.6 -4.3
S51A	baz=156			
S51A	Beattysville	58.30 348	IAMS_20	IAMS_20
S51A	comp=Z,13um,20.0s			
S51A	Beattysville	58.30 348	P	18 29 55.6 +0.1
S51A	baz=166,SNR=14	S	S	18 37 52.5 -5.0
R55A	baz=166			
R55A	Marlinton	58.34 351	IAMS_20	IAMS_20
R55A	comp=Z,20um,22.0s			
R55A	Marlinton	58.34 351	P	18 29 57.1 +1.2
R55A	baz=170,SNR=20	S	S	18 37 58.1 -0.1
R56A	baz=170			
R56A	Bull Pasture M	58.37 352	P	18 29 59.6 +3.5
R56A	baz=170,SNR=9.7	S	S	18 37 59.0 +0.5
R54A	baz=170			
R54A	Victor	58.37 351	P	18 29 56.7 +0.6
R54A	baz=169,SNR=32	S	S	18 37 55.5 -2.9
WHAR	baz=169			
WHAR	Woolly Hollow	58.38 339	IAMB	IAMB
WHAR	comp=Z,146nm,1.3s			
S50A	Richmond	58.50 347	P	18 29 56.2 -0.7
S50A	baz=165,SNR=59	S	S	18 37 54.9 -5.2
Q59A	baz=165			
Q59A	Harwood	58.52 355	P	18 29 58.6 +1.6
Q60A	baz=174			
Q60A	Greensboro	58.59 355	IAMS_20	IAMS_20
Q60A	comp=Z,10um,19.0s			
Q60A	Greensboro	58.59 355	P	18 29 57.7 +0.2
R53A	Hurricane	58.67 350	IAMB	IAMB
R53A	comp=Z,199nm,1.4s			
R53A	IAMs_20	IAMs_20	18 58 54.3	

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R53A	comp=Z,11um,18.0s	58.67 350	P	18 29 59.0 +0.8
R53A	Hurricane	baz=168,SNR=15	S	S
R53A	baz=168			
Q58A	Fox Den Farm,	58.69 354	P	18 29 50.0 +0.7
Q58A	baz=172,SNR=36	S	S	18 38 01.9 -0.6
Q58A	baz=172			
S49A	Springfield	58.79 347	P	18 29 57.7 -1.3
S49A	baz=164,SNR=34	S	S	18 37 58.4 -5.4
R52A	baz=164			
R52A	Gettelsburg	58.80 349	P	18 29 58.6 -0.4
R52A	baz=167,SNR=9.1	S	S	18 30 18.5
W39A	Magazine	58.80 338	IAMB	IAMB
W39A	comp=Z,223nm,1.3s			
W39A	Magazine	58.80 338	P	18 30 00.2 +1.1
W39A	baz=155,SNR=50	S	S	18 38 01.4 -2.7
Q57A	baz=155			
Q57A	Strasburg	58.86 353	P	18 30 00.2 +0.7
Q57A	baz=172,SNR=49	S	S	18 38 04.7 -0.1
FCAR	baz=172			
FCAR	Ozark Folk Cen	58.87 340	P	18 29 58.9 -0.7
ABTX	Abilene, Hawle	58.90 332	IAMB	IAMB
ABTX	comp=Z,110nm,1.0s			
ABTX	Abilene, Hawle	58.90 332	P	18 29 59.8 -0.1
ABTX	baz=148,SNR=36	S	S	18 38 03.1 -2.5
R51A	baz=148			
R51A	Hillsboro	58.94 348	P	18 29 59.2 -0.8
R51A	baz=166,SNR=31	S	S	18 38 00.2 -5.5
Q56A	baz=166			
Q56A	Snyder Ridge,	58.96 352	IAMS_20	IAMS_20
Q56A	comp=Z,10um,20.0s			
Q56A	Snyder Ridge,	58.96 352	P	18 30 00.7 +0.5
Q56A	baz=171,SNR=37	S	S	18 38 06.8 +0.7
Q56A	baz=171			
Q56A	Buckhannon	59.04 352	P	18 30 01.9 +1.1
Q55A	baz=170			
Q55A	Paris	59.06 348	IAMB	IAMB
Q55A	comp=Z,97nm,1.1s			
R50A	comp=Z,11um,20.0s			
R50A	Paris	59.06 348	P	18 29 59.8 -1.1
R50A	baz=165,SNR=28	S	S	18 38 02.8 -4.6
R50A	baz=165			
Q53A	Leroy	59.12 350	P	18 30 05.5 -0.7
Q53A	baz=168,SNR=49	S	S	18 38 05.6 -2.5
Q54A	baz=168			
Q54A	Coxs Mills	59.13 351	IAMB	IAMB
Q54A	comp=Z,102nm,1.1s			
Q54A	comp=Z,18um,22.0s			
Q54A	Coxs Mills	59.13 351	P	18 30 00.7 -0.7
Q54A	baz=169,SNR=21	S	S	18 38 06.1 -2.1
PBMO	baz=169			
PBMO	Poplar Bluff	59.16 342	IAMB	IAMB
PBMO	comp=Z,93nm,1.6s			
P61A	Hammtont	59.19 356	IAMS_20	IAMS_20
P61A	comp=Z,12um,22.0s			
P61A	Hammtont	59.19 356	P	18 30 02.5 +0.9
P58A	baz=176			
P58A	Pank, Wackersv	59.20 354	P	18 30 01.9 +0.1
P58A	baz=173,SNR=27	S	S	18 38 04.4 -0.6
P59A	baz=173			
P59A	Jarrettsville	59.24 355	P	18 30 03.1 +1.0
P59A	baz=174,SNR=24	S	S	18 38 08.3 -1.3
R49A	baz=174			
R49A	Shelbyville	59.25 347	IAMS_20	IAMS_20
R49A	comp=Z,19um,20.0s			
R49A	Shelbyville	59.25 347	P	18 30 00.9 -1.3
R49A	baz=164,SNR=27	S	S	18 38 04.0 -5.8
P57A	baz=164			
P57A	Homestead Farm	59.26 353	IAMS_20	IAMS_20
P57A	comp=Z,18um,22.0s			
P57A	Homestead Farm	59.26 353	P	18 30 03.6 +1.4
P57A	baz=172,SNR=34	S	S	18 38 10.5 +0.6
Q52A	baz=172			
Q52A	Bidwell	59.34 350	P	18 30 02.0 -0.8
Q52A	baz=168,SNR=19	S	S	18 38 08.2 -2.8
P56A	baz=168			
P56A	Dayton Farm, R	59.38 353	P	18 30 03.7 +0.0
P56A	baz=171,SNR=28	S	S	18 38 11.4 0.0
P60A	baz=171			
P60A	Greenville	59.38 356	IAMB	IAMB
P60A	comp=Z,225nm,1.6s			
P60A	Greenville	59.38 356	P	18 30 03.5 +0.5
P60A	baz=175,SNR=11	S	S	18 38 10.7 -0.7
WCI	baz=175			

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Y22D	IRIS PASSCAL I	63.60	327	P	P	18 30 34.7	+2.8
K46A	Dorr	63.60	348	P	S	18 30 30.7	-1.2
K46A	baz=164,SNR=23			S	S	18 38 57.7	-7.2
LBNH	Lisbon	63.64	359	IAMS_20	IAMS_20	18 57 14.6	
LBNH	Lisbon	63.64	359	P	P	18 30 33.1	+1.3
LBNH	baz=179,SNR=18			S	S	18 39 05.7	+0.3
I53A	Kortright Cn E	63.73	353	P	P	18 30 32.7	+0.4
J49A	Marlette	63.77	350	P	P	18 30 31.1	-1.5
J49A	baz=167,SNR=19			S	S	18 39 00.7	-6.3
J48A	Bridge Port	63.82	349	IAMS_20	IAMS_20	18 58 50.5	
J48A	Bridge Port	63.82	349	P	P	18 30 32.5	-0.4
J48A	baz=166,SNR=43			S	S	18 39 01.0	-6.6
L42A	Oliver, Polo	63.83	344	IAMB	IAMB	18 30 36.5	
L42A	comp=Z,165nm,1.4s			IAMS_20	IAMS_20	19 03 02.7	
H58A	Gabriels	63.88	357	P	P	18 30 33.5	+0.2
H58A	baz=176,SNR=45			S	S	18 39 07.9	-0.5
I51A	Listowel	63.89	352	P	P	18 30 33.1	-0.3
I51A	baz=169,SNR=65			S	S	18 39 03.8	-4.7
I55A	Frankford	63.92	354	P	P	18 30 33.4	-0.1
I55A	baz=173,SNR=27			S	S	18 39 07.5	-1.3
H61A	Lyndonville	63.93	359	P	P	18 30 34.9	+1.2
H61A	baz=179,SNR=21			S	S	18 39 09.8	+0.8
J47A	Summer	63.95	349	IAMS_20	IAMS_20	19 01 30.9	
J47A	Summer	63.95	349	P	P	18 30 33.0	-0.8
J47A	baz=165,SNR=22			S	S	18 39 02.9	-6.3
WV1	Waterville	63.96	1	IAMB	IAMB	18 30 32.0	
WV1	comp=Z,168nm,1.2s			IAMS_20	IAMS_20	18 57 17.3	
H62A	Milan	63.96	360	IAMB	IAMB	18 31 19.9	
H62A	comp=Z,224nm,1.6s			IAMS_20	IAMS_20	18 57 22.3	
H62A	Milan	63.96	360	P	P	18 30 35.9	+2.0
H62A	baz=180,SNR=6.2			S	S	18 39 10.4	+1.0
H60A	Morristown	63.97	358	P	P	18 30 36.0	+2.1
H60A	baz=178,SNR=16			S	S	18 39 12.1	+2.6
H57A	Richville	63.99	356	P	P	18 30 34.4	+0.4
H57A	baz=175,SNR=36			S	S	18 39 07.6	-2.1
I52A	Shelburne	64.04	352	P	P	18 30 34.0	-0.4
I52A	baz=170,SNR=58			S	S	18 39 06.8	-3.5
H64A	Troy	64.05	1	P	P	18 30 34.9	+0.5
H64A	baz=182,SNR=15			S	S	18 39 11.9	+1.6
ANMO	Albuquerque	64.05	328	P	P	18 30 35.1	+0.2
ANMO	comp=Z,108nm,1.7s			pmax	pmax		
ANMO	Albuquerque	64.05	328	P	P	18 30 35.1	+0.2
ANMO	Albuquerque	64.05	328	P	P	18 30 36.2	+1.3
ANMO	baz=142			S	S	18 39 09.8	-1.4
H63A	New Sharon	64.05	1	P	P	18 30 35.2	+0.8
H63A	baz=181,SNR=22			S	S	18 39 11.2	+0.8
H59A	Cadyville	64.09	358	P	P	18 30 35.0	+0.3
H59A	baz=177,SNR=40			S	S	18 39 11.0	+0.1
LON1	Lake Ozonia	64.10	357	IAMS_20	IAMS_20	18 58 22.6	
LON1	comp=Z,16um,21.0s			P	P	18 30 36.1	+1.3
H65A	Eastbrook	64.13	2	P	P	18 30 36.8	+1.9
H65A	baz=183,SNR=13			S	S	18 39 10.5	-0.8
EMMW	East Machias	64.17	3	IAMB	IAMB	18 30 40.1	
EMMW	comp=Z,157nm,1.2s			IAMS_20	IAMS_20	19 00 02.8	
K43A	Burlington	64.17	346	IAMS_20	IAMS_20	18 59 02.7	
H56A	Elgin	64.18	356	P	P	18 30 35.0	-0.3
H56A	baz=174,SNR=47			S	S	18 39 09.9	-2.0
H55A	Tweed	64.21	355	P	P	18 30 35.4	-0.1
H55A	baz=173,SNR=27			S	S	18 39 10.4	-2.0
J46A	Howard City	64.21	348	P	P	18 30 35.2	-0.3
J46A	baz=164			S	S	18 39 05.8	-6.6
DELO	Deloro Mine	64.21	355	IAMB	IAMB	18 30 40.0	
DELO	comp=Z,254nm,1.3s			IAMS_20	IAMS_20	18 58 08.4	
CBKS	Cedar Bluff	64.23	335	IAMB	IAMB	18 30 52.6	
CBKS	comp=Z,166nm,1.1s			P	P	18 30 36.5	+0.7
CBKS	Cedar Bluff	64.23	335	P	P	18 39 10.9	-2.0
CBKS	baz=150,SNR=21			S	S	18 39 07.3	-6.1
H66A	Whiting	64.25	3	P	P	18 30 37.6	+1.9
H66A	baz=184,SNR=9.0			S	S	18 39 11.4	-1.5
FRNY	Flat Rock	64.28	358	IAMS_20	IAMS_20	18 57 40.2	
I49A	Point Hope	64.29	350	P	P	18 30 35.9	-0.1
I49A	baz=168,SNR=24			S	S	18 39 07.3	-6.1
L40A	Anamosa	64.30	343	IAMS_20	IAMS_20	19 03 24.9	
H53A	Bobbycaeon	64.36	354	P	P	18 30 36.2	-0.3
H53A	baz=172,SNR=40			S	S	18 39 11.4	-2.9
HAL	Halifax	64.36	6	IAMB	IAMB	18 30 41.1	
HAL	comp=Z,209nm,1.2s			IAMS_20	IAMS_20	18 58 09.1	
J45A	Montague	64.44	347	IAMS_20	IAMS_20	19 01 24.9	
J45A	Montague	64.44	347	P	P	18 30 36.8	-0.3
J45A	baz=164			S	S	18 39 08.0	-7.3
G60A	Masonville	64.50	359	P	P	18 30 37.9	+0.5
G60A	baz=178,SNR=21			S	S	18 39 16.6	+0.5
G59A	Clarenceville	64.51	358	P	P	18 30 38.2	+0.8
G63A	Kingsbury	64.51	1	P	P	18 30 39.0	+1.6
G63A	baz=181,SNR=18			S	S	18 39 16.6	+0.5

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SNA4	Sanae	64.54	161	P	P	18 30 38.0	+0.5
SNA4	Sanae	64.54	161	P	P	18 30 37.3	-0.2
SNA4	Sanae	64.54	161	P	P	18 30 37.5	0.0
SNA4	comp=Z,186nm,1.2s			IAMB	IAMB	18 30 42.4	
SNA4	comp=Z,12um,21.0s			IAMS_20	IAMS_20	18 56 27.8	
H52A	Wyevale	64.57	353	P	P	18 30 37.4	-0.4
H52A	baz=171,SNR=44			S	S	18 39 13.4	-3.5
G57A	Newington	64.61	357	P	P	18 30 38.9	+0.8
G57A	baz=176,SNR=44			S	S	18 39 15.4	-1.8
G58A	Ormstown	64.61	357	P	P	18 30 38.9	+0.9
G58A	baz=177,SNR=28			S	S	18 39 17.0	-0.3
GGN	Saint George	64.61	3	P	P	18 30 38.8	+0.8
GGN	comp=Z,262nm,1.5s			IAMB	IAMB	18 30 41.6	
GGN	comp=Z,14um,21.0s			IAMS_20	IAMS_20	18 57 41.4	
G62A	West of Eustis	64.61	0	P	P	18 30 38.7	+0.6
G62A	comp=Z,19um,22.0s			IAMS_20	IAMS_20	18 58 01.3	
G62A	West Eustis	64.61	0	P	P	18 30 38.7	+0.6
G62A	baz=180,SNR=54			S	S	18 39 17.9	+0.6
SADO	Sadowa	64.61	353	P	P	18 30 37.2	-0.9
SADO	comp=Z,214nm,1.1s			IAMB	IAMB	18 30 53.8	
SADO	comp=Z,13um,19.0s			IAMS_20	IAMS_20	19 02 40.0	
I47A	Gladwin	64.65	349	IAMS_20	IAMS_20	18 59 16.4	
I47A	comp=Z,15um,21.0s			P	P	18 30 37.8	-0.5
I47A	Gladwin	64.65	349	P	P	18 30 37.8	-0.5
I47A	baz=166,SNR=16			S	S	18 39 10.8	-7.1
G65A	Princeton	64.66	3	IAMB	IAMB	18 30 43.4	
G65A	comp=Z,146nm,1.1s			IAMS_20	IAMS_20	19 00 18.7	
G65A	Princeton	64.66	3	P	P	18 30 39.8	+1.5
G65A	baz=183,SNR=9.3			S	S	18 39 16.8	-1.0
G64A	Maxfield	64.67	2	P	P	18 30 39.9	+1.4
G64A	baz=182,SNR=16			S	S	18 39 17.6	-0.4
PKME	Peaks-Kenny Pk	64.67	1	IAMB	IAMB	18 30 43.5	
PKME	comp=Z,152nm,1.0s			IAMS_20	IAMS_20	18 57 47.9	
PKME	Peaks-Kenny Pk	64.67	1	P	P	18 30 39.7	+1.2
PKME	baz=182,SNR=18			S	S	18 39 17.6	-0.3
I48A	Sherman Twp	64.67	350	P	P	18 30 36.7	-1.7
I48A	baz=167,SNR=35			S	S	18 39 12.7	-5.4
G61A	St-Isidore-de-	64.67	359	P	P	18 30 39.5	+0.9
G61A	baz=179,SNR=41			S	S	18 39 19.1	+0.9
PLVO	Plevna	64.68	355	IAMB	IAMB	18 30 54.0	
PLVO	comp=Z,157nm,1.2s			IAMS_20	IAMS_20	19 00 15.9	
SCIA	State Center	64.72	342	P	P	18 30 38.2	-0.7
SCIA	comp=Z,11um,21.0s			IAMS_20	IAMS_20	19 03 38.2	-0.7
I46A	Reed City	64.74	348	P	P	18 30 39.1	+0.1
I46A	baz=165,SNR=22			S	S	18 39 13.0	-6.0
T25A	Trinidad	64.82	331	P	P	18 30 41.2	+1.2
T25A	baz=145,SNR=47			S	S	18 39 20.7	0.0
JFWS	Jewell Farm	64.84	344	IAMS_20	IAMS_20	18 58 34.2	
JFWS	comp=Z,12um,22.0s			P	P	18 30 38.7	-0.9
JFWS	Jewell Farm	64.84	344	P	P	18 39 15.1	-5.1
JFWS	baz=160,SNR=50			S	S	18 39 15.1	-5.1
G55A	Calabogie	64.87	355	P	P	18 30 39.6	-0.2
G55A	baz=174,SNR=46			S	S	18 39 18.2	-2.3
G53A	Halliburton	64.91	354	P	P	18 30 39.9	-0.2
G53A	baz=172,SNR=64			S	S	18 39 18.1	-2.9
I45A	Fountain	64.99	348	IAMS_20	IAMS_20	19 00 38.4	
I45A	comp=Z,19um,22.0s			P	P	18 30 40.3	-0.2
H48A	Harrisville	65.11	350	IAMS_20	IAMS_20	19 00 32.6	
H48A	comp=Z,15um,20.0s			P	P	18 30 40.2	-1.2
H48A	Harrisville	65.11	350	P	P	18 30 40.2	-1.2
H48A	baz=167,SNR=20			S	S	18 39 18.0	-5.5
F63A	Nahmakanta, Br	65.11	1	IAMB	IAMB	18 30 47.2	
F63A	comp=Z,198nm,1.4s			IAMS_20	IAMS_20	18 58 01.7	
F63A	Nahmakanta, Br	65.11	1	P	P	18 30 42.4	+1.1
F63A	comp=Z,16um,21.0s			S	S	18 39 22.3	-1.2
G54A	Lake Saint Pet	65.13	354	P	P	18 30 41.2	-0.2

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like Q24A, E48A, I37A, I37A, D54A, D54A, D53A, D53A, D53A, D53A, LATQ, BATG, E47A, E47A, M7C0, M7C0, M7C0, E46A, D51A, D51A, D51A, OGNE, F42A, G40A, D50A, D50A, WU4Z, WU4Z, WU4Z, WU4Z, GLA, GLA, D48A, D48A, D46A, D47A, D47A, D47A, E43A, E43A, E44A, E44A, E44A, ECSD, ECSD, ISCO, Y12C, Y12C, COWI, COWI, PV01, SMCO, SPMN, SPMN, SPMN, TAOE, TAOE, PV15, PV15, PDMCI, PDMCI, IKP, IKP, PV02, PV13, PV13, SWSC, VLDQ, VLDQ, PV05, PV05, PV03, PV03, PV18, PV12, PV12, PV07, PV07, PV11, PV11, PV17, PV17, PV16.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like PV16, PV20, PV04, PV22, PV22, BC3, BC3, MONPZ, MONPZ, BAR BAR, IRM, IRM, U15A, U15A, NEE2, NEE2, D41A, D41A, 109C, 109C, N23A, N23A, BELC, BELC, PFO, PFO, PFO, PFO, PFO, E38A, E38A, LSQO, LSQO, PHWY, PHWY, SUSD, SUSD, SUSD, GMRC, GMRC, O20A, O20A, O20A, O20A, MURC, MURC, NVL, NVL, NVL, NVL, BBRO, BBRO, HEC, HEC, MATO, MATO, SC12, SC12, TUQ, TUQ, DRLN, DRLN, CIS, CIS, BFSC, BFSC, RWWY, RWWY, TIC, TIC, FMP, FMP, RRR, RRR, EYMN, EYMN, EYMN, EYMN, DBIC, DBIC, DBIC, GSC, GSC, SHOC, SHOC, SHOC, DECC, DECC, DECC.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like K22A, K22A, K22A, SNCC, EDW2, EDW2, RSSD, RSSD, ROSA, ROSA, ROSA, QSPA, QSPA, QSPA, QSPA, BLG, BLG, D32A, LRM, LRM, OSI, OSI, TPNV, TPNV, TPNV, SCZ2, SCZ2, FURC, FURC, PGRA, PGRA, MPMC, MPMC, PSMN, PSMN, ARVC, ARVC, SBC, SBC, PSET, PSET, ISA, ISA, CMLA, CMLA, CMLA, DUG, DUG, DUG, AGMN, AGMN, AGMN, R11A, R11A, GRAC, GRAC, CWC, CWC, PKM, PKM, BW06, BW06, BW06, PDAR, PDAR, PDAR, VES, VES, HWUT, HWUT, SMMC, SMMC, TIN, TIN, TIN, MDND, MDND, MDND, VOG, VOG, AHID, AHID, TBI, TBI, TBI, MEH, MEH, REDW, REDW, MLAC, MLAC, MLAC.

Table with columns: Name, ID, Date, Location, Status, Time. Includes entries like SNOW Snow King Moun, OMMB Old Mammoth Ml, VAH Vaihoo, etc.

Table with columns: Name, ID, Date, Location, Status, Time. Includes entries like SYO Syowa Base, SYO Syowa Base, K02D Willamette Mer, etc.

Table with columns: Name, ID, Date, Location, Status, Time. Includes entries like CHEFC, IVI, SFS, SFS, SFS, PMTG, etc.

23d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHLU, SIT, JIS, KEST, SSB, ESK, etc.

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like WTTA, RAGM, PAOL, GLB, FUR, HLG, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, COLM, KNK, SEW, FBE, DNY, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KRLC, KRALIKY, BPAW, PPLA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KISHINEV, MINSK, KEVO, AKASG, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KIV, KVAR, BILIBINO, NEY, etc.

HKT	comp=Z,16nm,1.4s				
HKT	Hockley	55.06 333	I Amb	I Amb	20 32 37.1
W58A	comp=Z,18nm,1.1s	55.15 352	P	P	20 32 36.4 +1.0
Raeford	baz=170,SNR=9.8				
X54A	Belton	55.20 348	P	P	20 32 36.3 +0.5
X53A	Estanollee	55.34 347	P	P	20 32 37.1 +0.3
W57A	Gilead	55.39 351	P	P	20 32 37.6 +0.5
W56A	Indian Trail	55.46 350	P	P	20 32 38.2 +0.6
KM5C	Kings Mountain	55.59 350	P	P	20 32 39.4 +0.8
W54A	Cherokee Point	55.69 349	P	P	20 32 40.2 +0.9
X51A	Calhoun	55.73 346	P	P	20 32 39.6 0.0
V59A	Middlesex	55.75 353	P	P	20 32 40.7 +1.0
V58A	Windy Hill, P1	55.89 352	P	P	20 32 41.4 +0.7
V57A	Coltrane Farms	56.08 351	P	P	20 32 42.5 +0.5
V56A	Mocksville	56.11 351	P	P	20 32 43.3 +1.0
NATX	Nacogdoches	56.17 336	P	P	20 32 44.4 +1.6
V55A	Taylorville	56.26 350	P	P	20 32 44.5 +1.1
U59A	Littleton	56.28 353	P	P	20 32 44.8 +1.3
V54A	Nebo	56.32 349	P	P	20 32 44.2 +0.5
U60A	Pendleton	56.34 354	P	P	20 32 44.5 +0.7
U58A	Oxford	56.41 353	P	P	20 32 45.3 +0.9
U57A	Blanch	56.55 352	P	P	20 32 46.1 +0.7
U56A	King	56.62 351	P	P	20 32 47.2 +1.3
Z41A	Richland Creek	56.83 338	P	P	20 32 48.7 +1.3
T59A	Double "B" Far	56.87 354	P	P	20 32 47.8 +0.2
U55A	T2, Sparta	56.87 350	P	P	20 32 47.7 0.0
OXF	Oxford	56.88 342	P	P	20 32 47.4 -0.3
T58A	Grand View Acr	56.95 353	P	P	20 32 49.5 +1.2
U54A	Nelsons Funny	57.02 349	P	P	20 32 49.3 +0.5
T57A	Hurt	57.10 352	P	P	20 32 50.3 +1.0
T56A	Rock Hill	57.23 351	P	P	20 32 51.0 +0.8
JCT	Junction City	57.28 330	P	P	20 32 50.8 +0.1
TZTN	Tazewell	57.36 348	P	P	20 32 51.0 -0.2
T55A	Pulaski	57.43 351	P	P	20 32 52.6 +0.9
T54A	Tazewell	57.51 350	P	P	20 32 52.5 +0.2
S58A	Poland Farm, P	57.56 353	P	P	20 32 53.5 +1.0
T53A	Wise	57.59 349	P	P	20 32 53.0 +0.1
T52A	Hallie	57.80 349	P	P	20 32 54.0 -0.2
S56A	Natural Bridge	57.81 352	P	P	20 32 55.3 +1.0
S57A	Dark Hollow, R	57.81 352	P	P	20 32 55.4 +1.1
T51A	Gray	57.85 348	P	P	20 32 54.6 0.0
R58B	Mineral	57.89 353	P	P	20 32 55.6 +0.8
WWT	Waverly	57.95 344	P	P	20 32 54.7 -0.6
WWT	comp=Z,22nm,1.4s				
WWT	Waverly	57.95 344	P	P	20 32 54.9 -0.4
S55A	Lewisburg	58.03 351	P	P	20 32 56.9 +1.0
CBN	Corbin Frederi	58.07 354	P	P	20 32 57.0 +0.9
T50A	Nancy	58.09 347	P	P	20 32 56.1 -0.1
S54A	Dingess, Beckl	58.18 350	P	P	20 32 57.5 +0.5
S53A	Williamson	58.20 349	P	P	20 32 57.1 0.0
R58A	Rapidan	58.23 353	P	P	20 32 58.2 +1.0
TXAR	Lajitas Array	58.26 326	P	P	20 32 57.3 -0.4
MIAR	Mount Ida	58.26 338	P	P	20 32 56.2 -1.3
MIAR	comp=Z,29nm,1.1s				
MIAR	Mount Ida	58.26 338	P	P	20 32 56.2 -1.3
MIAR	comp=Z,29nm,1.1s				
MIAR	Mount Ida	58.26 338	P	P	20 32 56.2 -1.3
R57A	Stanardsville	58.29 353	P	P	20 32 58.7 +1.1
T49A	Edmonton	58.32 346	P	P	20 32 57.7 -0.2
S52A	Salyersville	58.37 349	P	P	20 32 58.1 -0.2
W41B	Gary Mavity, V	58.38 339	P	P	20 32 58.5 +0.2
S51A	Beattyville	58.43 348	I Amb	I Amb	20 33 28.4
S51A	Beattyville	58.43 348	P	P	20 32 58.8 +0.2
R55A	Marlinton	58.48 351	P	P	20 33 00.1 +1.1
R54A	Victor	58.51 351	P	P	20 32 59.7 +0.6
S50A	Richmond	58.63 347	P	P	20 33 00.0 0.0
R53A	Hurricane	58.81 350	P	P	20 33 01.4 +0.2
Q58A	Fox Den Farm,	58.83 354	P	P	20 33 02.5 +1.1
S49A	Springfield	58.92 347	P	P	20 33 01.9 -0.1
W39A	Magazine	58.92 338	P	P	20 33 02.9 +0.8
Q57A	Strasburg	59.00 353	P	P	20 33 03.9 +1.3
ABTX	Abilene, Hawle	59.01 332	P	P	20 33 03.6 +0.8
R51A	Hillsboro	59.07 348	P	P	20 33 03.1 0.0
Q56A	Snyder Ridge,	59.10 352	P	P	20 33 04.9 +1.6
Q55A	Buckhannon	59.17 352	P	P	20 33 05.1 +1.3
R50A	Paris	59.20 348	I Amb	I Amb	20 33 04.7
R50A	Paris	59.20 348	P	P	20 33 04.1 +0.1
Q53A	Leroy	59.25 350	P	P	20 33 04.7 +0.3
Q54A	Coxs Mills	59.27 351	P	P	20 33 04.8 +0.3
P58A	Pank, Wackersv	59.34 354	P	P	20 33 05.7 +0.8
P59A	Jarrettsville	59.38 355	P	P	20 33 06.7 +1.5
R49A	Shelbyville	59.38 347	I Amb	I Amb	20 33 05.7
P57A	Homestead Farm	59.40 354	P	P	20 33 06.8 +1.5
P56A	Dayton Farm, R	59.52 353	P	P	20 33 07.8 +1.7
WCI	Wyandotte Cave	59.57 346	P	P	20 33 06.3 -0.2
WCI	comp=Z,22nm,1.3s				
WCI	Wyandotte Cave	59.57 346	P	P	20 33 06.3 -0.2

P55A	Reedsville	59.64 352	P	P	20 33 08.1 +1.1
U40A	Yellville	59.66 339	P	P	20 33 07.2 +0.1
Q50A	baz=156,SNR=8.9	59.67 348	P	P	20 33 07.8 +0.6
Q51A	Peebles	59.73 349	P	P	20 33 07.5 -0.1
MCWV	Mont Chateau	59.79 352	P	P	20 33 09.5 +1.4
P54A	Burton	59.83 351	P	P	20 33 09.0 +0.7
P53A	Whipple	59.85 351	P	P	20 33 09.2 +0.8
O58A	Lewisberry	59.93 355	P	P	20 33 08.6 -0.4
O60A	Telford	60.01 356	P	P	20 33 10.1 +0.7
Q49A	Aurora	60.01 347	P	P	20 33 09.2 -0.3
O59A	Robesonia	60.06 355	P	P	20 33 10.6 +0.7
O57A	Amberson	60.09 354	P	P	20 33 11.3 +1.2
P52A	Corning	60.11 350	P	P	20 33 09.9 -0.3
Q48A	North Vernon	60.11 347	P	P	20 33 09.6 -0.6
P51A	Williamsport	60.12 349	P	P	20 33 09.9 -0.3
O56A	Blue Knob Stat	60.24 353	P	P	20 33 12.4 +1.3
O55A	Ligonier	60.27 353	P	P	20 33 12.5 +1.2
TUL1	Leonard	60.28 337	P	P	20 33 12.1 +0.6
P50A	Jamestown	60.38 348	P	P	20 33 11.8 -0.3
O54A	Avella	60.38 352	P	P	20 33 12.0 0.0
WMOK	Wichita Mounta	60.44 334	P	P	20 33 11.9 -0.7
WMOK	comp=Z,7.0nm,2.2s				
WMOK	Wichita Mounta	60.44 334	P	P	20 33 12.4 -0.2
P49A	Milroy	60.48 348	P	P	20 33 12.2 -0.5
O52A	Adamsville	60.53 350	P	P	20 33 13.0 -0.1
SSPA	Standing Stone	60.53 354	P	P	20 33 14.2 +1.2
N60A	Cedar Hill Far	60.54 356	P	P	20 33 14.1 +1.0
P48A	Milroy	60.56 347	P	P	20 33 12.4 -0.8
N58A	Sunbury	60.62 355	P	P	20 33 15.1 +1.4
O51A	Pataskala	60.69 350	P	P	20 33 14.1 0.0
CCM	Cathedral Cave	60.71 342	P	P	20 33 15.3 +1.0
CCM	comp=Z,15nm,1.7s				
CCM	Cathedral Cave	60.71 342	P	P	20 33 14.3 0.0
N55A	Marion Center	60.79 353	P	P	20 33 15.9 +1.0
ACSO	Alum Creek Sta	60.84 349	P	P	20 33 15.2 +0.1
N56A	West Decatur	60.85 354	P	P	20 33 16.5 +1.2
O50A	Cable	60.87 349	P	P	20 33 14.8 -0.6
MNTX	Corudas Mount	61.03 326	P	P	20 33 17.1 +0.4
O49A	Covington	61.04 348	P	P	20 33 16.6 0.0
N53A	Lisbon	61.06 351	P	P	20 33 17.2 +0.5
N54A	Moraine State	61.09 352	P	P	20 33 18.0 +1.1
M58A	Price's Panora	61.13 355	P	P	20 33 18.7 +1.5
M57A	Sunshine Farm,	61.15 355	P	P	20 33 18.7 +1.4
M59A	Waymart	61.23 356	P	P	20 33 19.0 +1.2
O48A	Farmland	61.27 348	P	P	20 33 17.6 -0.5
N50A	Nevada	61.39 349	P	P	20 33 18.7 -0.2
M56A	Emporium	61.40 354	P	P	20 33 16.6 -2.4
M56A	Emporium	61.40 354	P	P	20 33 19.9 +1.0
N51A	Ashland	61.40 350	P	P	20 33 19.2 +0.2
L63A	North Scituate	61.40 359	P	P	20 33 20.1 +1.1
M55A	Ridgway	61.45 353	P	P	20 33 20.3 +1.0
MSTX	Mulhe	61.57 330	P	P	20 33 20.8 +0.4
M54A	Oil Creek Stat	61.59 352	P	P	20 33 18.3 -2.0
M54A	Oil Creek Stat	61.59 352	P	P	20 33 21.1 +0.8
L60A	Shokan	61.61 357	P	P	20 33 21.5 +1.2
M53A	WI Miller and	61.66 352	P	P	20 33 21.1 +0.4
N49A	Colburn Grove	61.72 349	P	P	20 33 21.0 -0.1
L58A	Harry Jones Me	61.76 356	P	P	20 33 22.6 +1.2
L57A	Andrews Acres	61.79 355	P	P	20 33 22.6 +1.0
SFIN	Lafayette	61.80 346	P	P	20 33 20.4 -1.3
N48A	Decatur	61.82 348	P	P	20 33 21.4 -0.4
L59A	Walton	61.85 356	P	P	20 33 23.2 +1.2
BINY	Binghamton	61.92 356	P	P	20 33 23.7 +1.2
N47A	Urbana	61.98 347	P	P	20 33 22.0 -0.9
M50A	Fremont	61.98 350	P	P	20 33 23.1 +0.2
L56A	Greewood	61.99 354	P	P	20 33 24.0 +1.0
L61B	Northampton	62.01 358	P	P	20 33 23.8 +0.7
HRV	Adam Dzewonsk	62.05 359	P	P	20 33 25.8 +2.5
HRV	comp=Z,66nm,1.2s				
HRV	Adam Dzewonsk	62.05 359	P	P	20 33 24.4 +1.2
L53A	Girard	62.11 352	P	P	20 33 24.2 +0.5
L55A	Hinsdale	62.12 354	P	P	20 33 24.9 +1.1
M49A	Liberty Center	62.22 349	P	P	20 33 24.3 -0.2
ERPA	Erie	62.23 352	P	P	20 33 25.2 +0.6
K61A	Williamstown	62.25 358	P	P	20 33 25.8 +1.1
L54A	Sinclairville	62.27 353	P	P	20 33 25.7 +0.9
WVNV	West Valley, N	62.36 354	P	P	20 33 24.6 -0.8
M48A	Edgerton	62.37 348	P	P	20 33 25.3 -0.1
K59A	Cooperstown	62.42 357	P	P	20 33 27.0 +1.2
M47A	Cromwell	62.42 347	P	P	20 33 25.4 -0.5
K58A	Earlville	62.46 356	P	P	20 33 27.1 +1.1
K57A	Scipio Center	62.49 355	P	P	20 33 27.0 +0.7
HDIL	Hopedale	62.51 344	P	P	20 33 26.1 -0.3
K56A	Middlesex	62.52 355	P	P	20 33 27.3 +0.7
K54A	Basillio Farm,	62.57 353	P	P	20 33 27.4 +0.6
K55A	Perry	62.62 354	P	P	20 33 28.0 +0.8
L48A	N Adams	62.76 349	P	P	20 33 27.6 -0.4

J62A	Henniker	62.77 359	P	P	20 33 29.7 +1.6
L49A	Milan	62.80 349	P	P	20 33 28.4 +0.1
J61A	Chestertown	62.90 359	P	P	20 33 30.4 +1.5
121A	Cookes Peak, D	62.95 325	P	P	20 33 31.6 +1.8
J58A	Remsen	63.03 356	P	P	20 33 30.7 +0.8
J59A	Pleasant	63.09 357	P	P	20 33 31.5 +1.2
J57A	Williamstown	63.12 356	P	P	20 33 31.2 +0.8
J55A	Hilton	63.13 354	P	P	20 33 31.1 +0.6
J54A	Appleton	63.22 354	P	P	20 33 31.7 +0.7
I58A	Old Forge	63.34 357	P	P	20 33 32.9 +1.0
I59A	Olmsteadville	63.39 358	P	P	20 33 33.5 +1.2
J52A	Paris	63.40 352	P	P	20 33 32.8 +0.5
I60A	Shoreham	63.42 358	P	P	20 33 33.7 +1.4
I61A	Oroboro, Fair	63.48 359	P	P	20 33 34.5 +1.7
K47A	Vermontville	63.57 348	P	P	20 33 32.9 -0.5
I57A	Carthage	63.63 356	P	P	20 33 34.3 +0.5
LBNH	Lisbon	63.78 359	P	P	20 33 36.5 +1.6
J49A	Marlette	63.91 350	P	P	20 33 35.3 -0.3
J48A	Bridge Port	63.95 350	P	P	20 33 35.4 -0.6
I51A	Listowel	64.03 352	P	P</	

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like D62A Allapoint, All, D58A Chemin Du Lac, D56A ZEC Mazanza, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like N02D Trinity Center, M04C Macdoel, M02C Callahan, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like PALK Pallekele, MDJ Muanjiang, WMQ Urumqi, etc.

23d 21h

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

IDC 23 21:10:43.6;1.0, 57.192S;24.96W, h0km, mb4.2/5, mb1 4.2/5, mb1mx3.9/31, mbmtpr4.1/5, Error ellipse: s-maj=46.2km s-min=27.3km az=71.0

NEIC 23 21:10:49.4;1.5, 57.1S;0.1;25.0W;0.4, h41km, g8km, mb4.0/6, Error ellipse: s-maj=33.7km s-min=15.0km az=74.0

ISC 23 21:10:46.8;0.7, 57.1S;0.1;25.1W;0.2, h22km, n19, g574/19, mb3.9/7, South Sand Island, IASZ

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like VNA1, VNA3, VNA3, etc.

NEIC 23 21:16:56.5;1.9, 19.74S;0.04;71.03W;0.05, h10km, i1km, mb4.0/7, Error ellipse: s-maj=7.8km s-min=5.9km az=277.0

IDC 23 21:16:56.8;1.9, 19.59S;70.87W, h0km, mb3.9/3, mb1 4.0/5, mb1mx3.7/33, mbmtpr3.9/5, ML3.7/2, Error ellipse: s-maj=47.0km s-min=34.0km az=71.0

GUC 23 21:17:00.0;0.6, 19.72S;70.92W, h4km, 2km, ML3.4 ISC 23 21:16:56.6;1.5, 19.73S;0.03;70.95W;0.06, h12km, g9km, n42, e100/51, mb4.0/4, 8C-2D, Near coast of northern Chile

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

2014 MAR

comp=Z,0.4nm,0.8s,baz=138,slow=4.7,SNR=4.8 MKAR Makanchi Array 145.26 33 PKPbc PKPdf 21 36 35.9 +1.6

IDC 23 21:17:24.0;2.0, 19.52S;70.47W, h0km, mb4.5/24, mb1 4.6/27, mb1mx4.5/34, mbmtpr4.5/27, ML4.1/3, MS3.7/1, Ms1 3.7/1, ms1mx3.3/27, Error ellipse: s-maj=17.4km s-min=10.5km az=66.0

NEIC 23 21:17:27.3;1.7, 19.71S;0.03;70.71W;0.04, h28km, i1km, mb4.7/103, Mw4.6/33, ML4.5(GUC), Error ellipse: s-maj=6.3km s-min=4.0km az=246.0

NEIC 23 21:17:27.6, 19.69S;70.69W, h28km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mro:1.1; Mw=0.05; Ms=0.36; Mho=0.24; Mbo=0.02; Mbo=0.94; Fault plane solution: M1:0.0400;1019; NP1:0.13;45000; 311.680000; 1.15; 80000; NP2:0.167;18000; 879.51000; 1.84;87000; Principal axes: T:1.0748; Plg5.0000; Azm171.0000; N:-0.0747; Plg5.0000; Azm168.0000; P:-1.0001; Plg34.0000; Azm262.0000; GUC 23 21:17:28.7;3.3, 19.62S;70.61W, h34km, 20km, mb4.9

ISC 23 21:17:28.8;0.6, 19.69S;70.67W, h43km, 2km, ML4.5 ISC 23 21:17:25.8;0.9, 19.67S;0.02;70.67W;0.04, h16km, 5km, n197, e156/191, mb4.7/63, 3C-3D, Near coast of northern Chile

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

1326

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

23d 22h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 551A Beattyville, R55A Marlinton, R54A Victor, etc.

2014 MAR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M49A Liberty Center, L54A Sinclairville, K59A Cooperstown, etc.

1328

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D53A Lac Vavie, Po, D53A Lac Vavie, Po, LATQ La Tuque, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Tubuai, Auburn Hatcher, Old Mammoth, Teton Pass, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Matsushiro Arr, Matsu-Tunnel, Urumqi, Sorong, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Alcaldia de L, Serv Nac Est T, Serv Nac Est T, etc.

IDC 23 22:19:25.5-2.8, 7.34S:130.56E, h136km, 36km, mb3.2/1, m1 3.2/5, mb1mx3.0/37, mbtmp3.5/5, Error ellipse: s-maj=62.9km s-min=20.4km az=86.0, Transborder Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Sorong, Rantau Prapat, Lanzhou, etc.

NEIC 23 22:50.3-1.3, 12.55N:87.67W, h77km, 6km, mb4.1/10, MD4.3(SNET), Error ellipse: s-maj=11.0km s-min=7.3km az=217.0

IDC 23 22:50.4-1.6, 12.75N:87.34W, h83km, 19km, mb3.4/8, m1 3.7/11, mb1mx3.5/23, mbtmp3.7/11, MS3.4/2, Ms1 3.5/2, ms1mx3.1/25, Error ellipse: s-maj=35.8km s-min=12.5km az=46.0

SNET 23 22:50.8-1.2, 12.54N:87.76W, h64km, 10km, ML4.3 UCR 23 22:50.1-1.3, 12.52N:87.71W, h68km, 11km, ML4.3, mb4.1(I/VEIC)

INET 23 22:50.5, 12.52N:87.65W, h68km, ML4.9 GCG 23 22:51.5-3.1, 12.47N:88.04W, h0km, 99km, MD4.3 ISC 23 22:52:49.7-0.8, 12.54N:0.06:87.66W:0.04, h79km, 6km, n100, e08/89/134, mb3.9/13, 2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Cosiguina Volc, Cosiguina Volc, San Cristobal, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Cerro Negro, Bellmira, Bellmira, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Alcaldia de J, Alcaldia de J, Alcaldia de J, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Alcaldia de S, FAGO, FAGO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Alcaldia de E, FAGO, FAGO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Comit de Eme, Comit de Eme, Comit de Eme, etc.

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

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

IDC 23 22:02:26.4-1.0, 19.57S:70.85W, h0km, mb3.8/6, m1 4.0/9, mb1mx3.7/49, mbtmp3.9/9, ML3.6/3, MS3.7/1, Ms1 3.7/11, ms1mx3.0/19, Error ellipse: s-maj=27.2km s-min=22.5km az=57.0

NEIC 23 22:02:28.1-1.9, 19.77S:70.97W:0.07, h177km, 5km, mb4.0/5, ML3.9(GUC), Error ellipse: s-maj=9.2km s-min=3.4km az=96.0

GUC 23 22:02:28.7-0.7, 19.74S:71.07W, h43km, 3km, ML3.9 ISC 23 22:02:26.3-1.5, 19.76S:0.03:71.00W:0.05, h8km, 9km, n52, r132/66, mb4.1/5, 9C-1D, Off coast of northern Chile

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

23d 23h

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

23d 22:43:58.0±0.8, 57.03S±25.03W, h0km, mb4.2/6, mb1 4.3/6, mb1mx3.4/29, mbtmpr3.7/8, Error ellipse: s-maj=35.9km s-min=21.1km az=77.0

NEIC 23 22:44:01.1±0.7, 57.05S±21.249W±0.2, h22km, n25, c#070/25, mb4.2/9, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Neumayer-Stat, SNAAS, SNAE, etc.

23d 22:58:04.2±387.0, 62.22N±42.61E, h0km, Error ellipse: s-maj=119.8km s-min=22.5km az=135.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DUBNA INFRASON, I37NO, etc.

2014 MAR

131KZ AKTYUBINSK INF 14.55 137 i 00 26 00.0
I53US FAIRBANKS INFR 52.97 6 i 04 26 31.7

IDC 23 23:18:43.9±2.5, 20.49S±70.64W, h0km, mb3.4/2, mb1 3.6/8, mb1mx3.5/21, mbtmpr3.4/3, ML3.2/1, Error ellipse: s-maj=76.5km s-min=63.3km az=135.0

GUC 23 23:18:52.1±0.7, 19.66S±70.67W, h44km, 2km, ML3.2
ISC 23 23:18:49.9±1.7, 19.69S±0.03±70.74W±0.07, h23km±13km, n22, c#13/26, SC-3D, Near coast of northern Chile

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

LPZAZ La Paz 4.20 37 Pn 23 19 58.3 +5.2
TORD Torodi Ar. Bea 78.39 71 P 23 30 47.5 -1.7

YKA Yellowknife Ar. 88.93 341 P 23 31 43.1 +1.0
H11S2 WAKE ISLAND Hyt25.95 279 T 01 57 03.8

H11S1 WAKE ISLAND Hyt25.94 279 T 01 57 06.2
H11S3 WAKE ISLAND Hyt25.95 279 T 01 57 03.5

H11N3 WAKE ISLAND Hyt25.97 280 T 01 57 04.1
H11N2 WAKE ISLAND Hyt25.98 280 T 01 57 03.8

H11N1 WAKE ISLAND Hyt25.99 280 T 01 57 12.1
MKAR Makanchi Array 145.12 33 PKPbc PKPbc 23 38 24.8 -0.4

GUC 23 23:26:51.2±0.7, 29.27S±70.68W, h72km, 8km, ML4.2
SJA 23 23:26:51.2±0.5, 29.23S±70.71W, h75km, 8km, ML3.8, MW3.8

IDC 23 23:26:52.2±1.2, 29.29S±70.48W, h78km, 6km, mb3.6/4, mb1 3.6/8, mb1mx3.4/29, mbtmpr3.7/8, Error ellipse: s-maj=34.3km s-min=21.9km az=89.0

ISC 23 23:26:51.7±0.7, 29.26S±0.03±70.74W±0.07, h75km±7km, n42, c#152/50, mb3.9/4, 1C-3D, Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tololo Observa, El Pedregal, Cuesta del Vie, Copiap, etc.

RTLS Leoncito 2.82 154 i P 23 27 36.5 +1.7
RRTL Cerro Villicu 2.85 137 i P 23 27 36.2 +1.2

ZON Zonda 2.89 142 i P 23 27 37.3 +1.6
RTVC Cerro Valdivia 3.21 144 i P 23 27 41.2 +1.2

VA03 San Esteban 3.50 177 i P 23 27 45.1 +1.2
ROCI El Roble 3.71 184 i P 23 27 48.4 +1.4

ROCI Peldehue 3.87 179 i P 23 28 33.9 +0.6
ARCO Cerro ARCO 3.89 157 i P 23 28 50.7 +1.3

MT02 Curacav 4.00 185 i P 23 27 50.9 +0.2
AAGR Agrelo 4.15 157 i P 23 27 54.1 +1.3

IB14 IPOC Station P 4.62 4 i P 23 27 59.7 +0.3
MRA San Martin 5.35 127 i P 23 28 08.6 -0.5

1330

LAMA Las Malvinas 5.81 167 i P Pn 23 28 16.3 +1.0
PB15 IPOC Station P 6.13 11 i P IAML 23 28 20.1 +0.1

PB05 IPOC Station P 6.40 4 i P Pn 23 28 23.6 0.0
LVC Limon Verde 6.82 14 i P Pn 23 28 29.2 -0.4

LVC Limon Verde 6.82 14 i P Pn 23 28 29.2 -0.4
LVC Limon Verde 6.82 14 i P Pn 23 28 29.2 -0.4

PB04 IPOC Station P 6.92 5 i P Pn 23 28 30.6 -1.4
AZAP Zapla 7.13 47 i P Pn 23 28 34.5 +0.8

PB09 IPOC Station P 7.55 11 i P Pn 23 28 38.4 -0.9
CPUP Villa Florida 12.23 79 P Pn 23 29 41.3 -1.7

LPZAZ La Paz 13.13 11 P Pn 23 29 57.6 +1.8
SIV San Ignacio 15.93 36 P Pn 23 30 30.9 -0.5

DBIC Dimbokro 72.63 72 P Pn 23 38 10.2 -1.3
PDAR Pinedale Array 80.07 332 P Pn 23 38 54.4 +1.0

BOSA Boshof 81.29 118 P Pn 23 38 59.2 -1.1
TORD Torodi Ar. Bea 81.55 70 P Pn 23 39 00.6 -0.9

ZALV Zalesovo Beam 149.59 29 PKPbc PKPbc 23 46 31.9 -0.2
ZALV Zalesovo Beam 149.59 29 PKPbc PKPbc 23 46 31.9 -0.2

MKAR Makanchi Array 152.67 43 PKPbc PKPbc 23 46 39.0 -0.6
MKAR Makanchi Array 152.67 43 PKPbc PKPbc 23 46 39.0 -0.6

NEIC 23 23:28:20.8±2.5, 56S±0.09, 153.64E±0.04, h10km, 1km, mb4.4/13, Error ellipse: s-maj=16.1km s-min=2.9km az=203.0

IDC 23 23:28:21.0±1.3, 5.56S±153.40E, h0km, mb3.9/11, mb1 4.0/11, mb1mx3.9/29, mbtmpr3.9/11, MS3.1/2, Ms1 3.0/2, ms1mx2.7/34, Error ellipse: s-maj=37.7km s-min=19.1km az=108.0

ISC 23 23:28:20.7±0.6, 5.52S±0.08, 153.62E±0.09, h10km, n31, c#160/32, mb4.2/17, New Ireland region

RABL Rabaul 1.96 312 Op ISC 23 28 54.3 +0.2
KRVT Keravat (AS076 2.00 307 Pn 23 28 54.3 -0.2

KRVT 236nm, 0.3s, baz=168, slow=1.6, SNR=67
KRVT 127nm, 0.3s, baz=16, slow=4.7, SNR=12

MANU Manus Island 7.13 299 Pn 23 30 07.8 -0.4
HNR Honiara 7.38 122 Pn 23 30 07.4 -1.1

CTAO Charters Tower 16.16 206 Pn 23 32 06.4 -1.6
WR0 Warramunga Arr 23.46 231 Pn 23 33 30.1 +0.4

WB0 Warramunga Arr 23.46 231 Pn 23 33 37.4
WB2 Warramunga Arr 23.60 231 Pn 23 33 30.1 +0.0

WRA Warramunga Arr 23.61 231 Pn 23 33 31.6 -0.4
WRA 236nm, 0.3s, baz=168, slow=1.6, SNR=67

ASAR Alice Springs 26.19 224 Pn 23 33 56.5 +0.7
STKA Stephens Creek 28.54 202 Pn 23 34 17.6 +0.9

FITZ Fitzroy 30.05 249 Pn 23 34 29.7 -0.5
PETK Petropavlovsk 58.51 3 P Pn 23 38 20.0 +3.0

PETK Petropavlovsk 58.51 3 P Pn 23 38 18.1 +1.0
CMAR Chianti Mal Arr 58.52 295 Pn 23 38 21.4 +0.8

SONM Songino Array 67.37 328 Pn 23 39 18.2 +1.9
SONM Songino Array 67.37 328 Pn 23 39 18.2 +1.9

MAR Makanchi Array 81.40 319 Pn 23 40 38.7 +0.8
MAKZ Makanchi 81.61 319 Pn 23 40 40.5 +1.5

ZALV Zalesovo Beam 82.20 326 Pn 23 40 42.8 +0.9
ZALV Zalesovo Beam 82.20 326 Pn 23 40 43.2 +1.1

ILAR Eielson Array 82.52 32 Pn 23 40 45.2 +1.9
BALM Baldy 82.61 26 Pn 23 40 42.4 -1.7

COLD Coldfoot 82.67 19 Pn 23 40 42.8 -1.3
KURK Kurchatov 84.84 322 Pn 23 40 55.5 0.0

AAK Ala-Archa 85.75 313 Pn 23 41 01.4 +0.9
NRIK Nori'sk 86.91 341 Pn 23 41 07.3 +2.0

PAGB Antelope Grade 90.05 54 Pn 23 41 19.8 -1.4
TORD Torodi Ar. Bea 151.20 287 PKPbc PKIKP 23 48 17.6 +1.4

SJA 23 23:32:23.9±0.6, 32.92S±71.69W, h26km, 6km, ML3.5, MW3.8

GUC 23 23:32:24.2±0.9, 32.16S±71.54W, h33km, 3km, ML3.7
ISC 23 23:32:24.8±1.6, 32.72S±0.03±71.75W±0.06, h17km±11km, n31, c#15/48, 1C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like El Roble, Peldehue, San Esteban, Rinconada Maip, etc.

24d Oh

2016 MAR

1332

NEIC 23 23:56:43.1±1.6, 4.15S;.07;102.50E;0.04,h2km,6km, mb4.4/19, Error ellipse: s-maj=11.3km s-min=3.8km az=205.0

IDC 23 23:56:44.7±2.5, 4.09S;.102;45E,h52km,22km,mb3.9/14, mb1.4/0.16,mb1mx3.8/45,mbtmp4.2/16,ML3.6/2,MS3.3/3, Ms1.3/3,ms1mx2.8/34, Error ellipse: s-maj=31.8km s-min=11.9km az=52.0

DJA 23 23:56:44.1±0.5, 4.54S;.102;45E,h35km,9km,M4.7/13, mb5.2/3,mb4.8/16,ML4.7/13,Mw(mb)4.5/3

ISC 23 23:56:45.6±0.4, 4.20S;.0102;53E;0.06,h65km,n95, ±198/103,mb4.3/34,Southern Sumatera

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like BSWZ Blackbirch Sta, MSWZ Moikau Station, etc.

IDC 24 00:14:25.4±10.0, 15.45S;.167;89E,h201km,125km, mb3.1/3,mb1.3/3.4,mb1mx3.1/36,mbtmp3.7/14, Error ellipse: s-maj=127.4km s-min=38.7km az=151.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like BURAR Bucovina Array, BUR08 Bucovina Arr, etc.

IDC 24 00:20:57.6±0.8, 1.00S;.122;81E,h0km,mb4.0/10, mb1.4/2/12,mb1mx4.0/35,mbtmp4.1/12,ML4.3/2,MS3.1/7, Ms1.3/1.7,ms1mx2.8/35, Error ellipse: s-maj=26.8km s-min=15.8km az=75.0

DJA 24 00:21:01.1±0.2, 1.52S;.123;3E,h10km,M4.7/19,mb5.3/6, mb4.8/12,MLv4.7/19,Mw(mb)4.7/6

NEIC 24 00:21:01.6±1.8, 1.10S;.0106;122.72E;0.06,h31km,6km, mb4.3/19, Error ellipse: s-maj=9.6km s-min=9.0km az=151.0

ISC 24 00:21:01.1±0.7, 1.10S;.0105;122.72E;0.05,h23km,5km, mb4.4,±142/87,mb4.1/18,MS3.0/5,2D,Sulawesi

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like WHN Wuhan, KMI Kunming, BRDH Baridhala, etc.

SOME 24 00:56:20.7, 39.52N;.77;17E,h5km NNC 24 00:56:22.9±0.6, 39.59N;.77;17E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=3.9km s-min=2.9km az=165.0

KRNET 24 00:56:28.1±0.1, 39.73N;.77;17E,mb3.0

ISC 24 00:56:29.2±1.0, 39.53N;.004;77.32E;0.04,h25km,n61, ±226/67,27C-17D,Southern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB11 Diego Aracena, PB12 IPOC Station P, PATCX Punta Patache, etc.

IDC 24 01:50:52.0i2.2, 2.91S: 136.52E, h0km, mb3.9/2, mb1 4.1/5, mb1mx3.6/38, mmtmp3.9/5, ML4.0/3, Error ellipse: s-maj=63.4km s-min=28.8km az=77.0

NEIC 24 01:50:58.1i2.8, 3.05S: 0.05i136.5E:0.1, h49km, 12km, mb4.2/9, Error ellipse: s-maj=15.4km s-min=5.6km az=104.0

ISC 24 01:50:57.6i1.1, 3.19S: 0.09i136.47E:0.08, h34km, n20, i230/20, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, COEN Maon, MUNTA Kununurra, etc.

IDC 24 02:11:15.8i1.1, 56.02S: 27.74W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.7/16, mmtmp3.6/3, Error ellipse: s-maj=49.2km s-min=37.7km az=78.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vnda Vanda, LPaz La Paz, TORd Torodi Arr, etc.

SJA 24 02:19:16.1i0.7, 28.59S: 71.85W, h10km, ML3.9, MW3.7 IDC 24 02:19:17.4i1.2, 29.09S: 71.58W, h0km, mb3.8/2, mb1 3.9/5, mb1mx3.7/21, mmtmp3.7/5, ML3.5/3, MS2.8/2, Ms1 2.9/2, ms1mx2.7/16, Error ellipse: s-maj=43.1km s-min=35.2km az=95.0

GUC 24 02:19:21.5i0.6, 28.82S: 71.53W, h64km, 9km, ML3.9 ISC 24 02:19:18.4i2.2, 28.68S: 0.04i72.05W:0.09, h14km, 28km, n33, i26/38, 5C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G004 Tololo Observa, G004 Copiap, G003 Copiap, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO02 Combarbal, AROD Rodeo, ACDD Cuesta Vieja, etc.

INET 24 02:39:08.0, 11.86N: 88.93W, h15km, ML4.1 SNET 24 02:39:09.7i1.1, 12.09N: 88.95W, h20km, 41km, ML3.6 UCR 24 02:39:09.8i1.1, 12.08N: 88.95W, h20km, 43km, ML3.6 ISC 24 02:39:10.6i3.8, 12.02N: 0.2i88.92W:0.07, h41km, n29, i674/44, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALJI Alcalda de J, JUCU Jucuarjun, COEB Comit de Eme, etc.

IDC 24 02:42:12.1i2.9, 12.22S: 167.23E, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.9/20, mmtmp3.9/5, Error ellipse: s-maj=115.5km s-min=34.0km az=141.0, Santa Cruz Islands

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

IDC 24 02:46:46.7i4.3, 0.05N: 97.52E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/39, mmtmp3.5/5, Error ellipse: s-maj=180.9km s-min=24.8km az=58.0, Northern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, etc.

MAN 24 03:00:29.2, 9.90N: 124.00E, h30km, mb4.0, ML2.8, MS2.4, ID, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, MSLP Maasin, etc.

IDC 24 03:04:43.8i1.3, 34.85N: 137.98E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.2/35, mmtmp3.6/3, ML3.0/1, Error ellipse: s-maj=37.2km s-min=18.4km az=76.0

JMA 24 03:04:45.0i0.2, 35.89N: 140.08E, h68km, 2km, M2.9 ISC 24 03:04:45.1i2.1, 35.63N: 0.04i140.08E:0.05, h69km, 10km, n18, i088/27, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCN Nagara, TOK Tokyo, JSDT Sumamatsuo, etc.

IDC 24 03:11:28.1i0.8, 57.26S: 93.97W, h0km, mb4.0/6, mb1 4.1/7, mb1mx3.9/25, mmtmp4.0/7, ML3.7/1, Error ellipse: s-maj=37.7km s-min=19.0km az=72.0

NEIC 24 03:11:33.3i1.9, 57.3S: 0.1i25.8W:0.3, h35km, 2km, mb4.0/8, Error ellipse: s-maj=28.4km s-min=19.9km az=222.0

ISC 24 03:11:34.3i0.8, 57.33S: 0.1i25.7W:0.2, h35km, n25, i54/19, mb4.1/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

IDC 24 03:22:04.2i3.0, 39.72N: 70.32E, h0km, mb3.7/2, mb1 3.7/4, mb1mx3.3/35, mmtmp3.6/4, ML3.0/2, Error ellipse: s-maj=79.8km s-min=22.0km az=151.0

ISJ 24 03:22:04.4, 39.72N: 70.31E, h5km KNET 24 03:22:05.5i0.1, 39.71N: 70.36E, mb3.6 SOMET 24 03:22:06.3, 39.85N: 70.45E, h5km NNC 24 03:22:09.6i1.5, 39.92N: 70.48E, h9km, 7km, mb4.1, mpv3.9, Error ellipse: s-maj=10.6km s-min=5.3km az=20.0

ISC 24 03:22:07.2i1.7, 39.83N: 0.07i70.33E:0.03, h8km, 8km, n73, i26/76, 104.39C-13Z, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTK Batken, BTK batz=45, BTK Batken, etc.

24d 5h

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

NEIC 24 05:16:17.2, 0.0, 6. 19:8S:0:3:169:9E:0:1, h246km, 12km, mb4.0/3, Error ellipse: s-maj=42.8km s-min=10.3km az=157.0

IDC 24 05:16:18.4, 2.9, 19:73S:169:76E, h239km, 48km, mb3.3/4, mb1 3.5/5, mb1mx3.3/5, mbtmp3.9/5, Error ellipse: s-maj=72.9km s-min=23.9km az=152.0

ISC 24 05:16:17.8, 0.9, 20:0S:0:2:170:0E:0:1, h250km, n12, c133/13, mb3.8/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Nonsavu, Warramunga Arr, etc.

IDC 24 05:22:39.9, 1.6, 19:61S:70:64W, h0km, mb3.8/2, mb1 3.9/4, mb1mx3.6/3.1, mbtmp3.8/4, ML3.6/2, MS3.0/1, Ms1 3.0/1, ms1mx2.4/2.7, Error ellipse: s-maj=48.9km s-min=19.0km az=66.0

NEIC 24 05:22:40.8, 2.6, 19:72S:0:03:70:86W:0:03, h10km, 1km, mb4.0/4, Error ellipse: s-maj=5.8km s-min=5.1km az=22.0

GUC 24 05:22:45.2, 0.7, 19:70S:70:68W, h38km, 3km, ML3.5, ISC 24 05:22:41.9, 1.3, 19:71S:0:02:70:66W:0:05, h16km, 4km, n3, c19:10/50, mb3.9/3, 5C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pisagua, IPOC Station P, Diego Aracena, etc.

2014 MAR

SOME 24 05:27:17.7, 42:35N:82:50E, h10km, NNC 24 05:27:20.1, 1.8, 42:34N:82:37E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=13.5km s-min=7.2km az=151.0

ISC 24 05:27:21.2, 2.2, 42:29N:0:10:82:29E:0:06, h10km, n26, c1561/41, 5C-5D, Northern Xinjiang

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

SKHL 24 05:35:35.9, 0.7, 51:80N:142:88E, h10km, mb4.7/5, Ms3.9/2

SKHL Felt (III-IV) at Nogliki, Katangli; (II-III) at Val. IDC 24 05:35:35.7, 0.9, 51:72N:143:47E, h0km, mb3.7/13, mb1 3.9/15, mb1mx3.7/42, mbtmp3.7/15, ML2.8/2, MS2.9/6, Ms1 2.9/6, ms1mx2.6/43, Error ellipse: s-maj=29.2km s-min=13.7km az=157.0

NEIC 24 05:35:37.1, 9.9, 51:71N:0:09:143:4E:0:2, h10km, 1km, mb4.1/14, Error ellipse: s-maj=17.7km s-min=12.7km az=125.0

MOS 24 05:35:38.4, 0.8, 51:71N:143:29E, h14km, mb4.1/6, Error ellipse: s-maj=16.6km s-min=10.3km az=77.1

MOS Felt (III-IV) at Katangli, Nogliki; (II-III) at Val. ISC 24 05:35:37.3, 1.4, 51:75N:0:04:143:36E:0:07, h13km, 9km, n73, c139/73, mb3.9/18, 1C-1D, Sakhalin Island

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

1338

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

24d 7h

Table of station data for 24d 7h, including station names, coordinates, and various parameters like elevation and frequency.

2015 MAR

Main table of station data for 2015 MAR, listing station names, coordinates, and operational details.

1340

Table of station data for 1340, including station names, coordinates, and various parameters.

24d 11h

2014 MAR

1344

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

NEIC 24 09:53:00.2, 2.3, 7.6N, 0.1, 94.2E, 0.1, h10km, 1km, mb4.2/5, Error ellipse: s-maj=24.7km s-min=7.9km az=228.0

IDC 24 09:53:06.2, 4.7, 6.4N, 94.29E, h58km, 38km, mb3.5/12, mb1.3/7.14, mb1mx3.4/59, mbtmp3.8/14, ML3.8/2, MS3.3/15, Ms1.3/3.15, ms1mx3.1/45, Error ellipse: s-maj=45.9km s-min=17.7km az=62.0

ISC 24 09:53:02.9, 0.7, 7.56N, 0.1, 94.3E, 0.1, h20km, n46, +179/37, mb3.9/15, MS3.3/10, Nicobar Islands region

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

MAN 24 10:15:08.2, 8.60N, 125.74E, h9km, mb4.7, ML3.6, MS3.5, Mindanao

JMA 24 10:16:53.2, 0.1, 36.05N, 139.89E, h45km, 1km, M3.5 Broadband flat plane solution: P waves: NP1: 0.232, 0.0000; 0.815, 0.0000; 1.100, 0.0000; NP2: 0.42, 0.0000; 0.875, 0.0000; 1.87, 0.0000; Principal axes: T P1g6, 0.0000; Azm308, 0.0000; N P1g3, 0.0000; Azm43, 0.0000; P P1g3, 0.0000; Azm134, 0.0000

ISC 24 10:16:53.0, 1.0, 36.03N, 0.05, 139.92E, 0.06, h47km, 10km, n19, -0.68/20, mb3.3/3, 1C-3D, Eastern Honshu

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

IDC 24 10:19:48.3, 2.1, 2.86N, 126.10E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/43, mbtmp3.6/4, MS3.4/1, Ms1.3/3.1, ms1mx2.3/19, Error ellipse: s-maj=134.9km s-min=25.5km az=69.0, Northern Molucca Sea

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

NEIC 24 10:21:33.4, 1.5, 3.30S, 0.08, 128.27E, 0.08, h68km, 13km, mb4.1/8, Error ellipse: s-maj=12.2km s-min=1.6km az=124.0

DJA 24 10:21:33.9, 0.3, 3'S, 4' x 12' 8"E, h35km, 7km, M4.6/9, mb5.5/3, mb4.9/4, MLV4.3/9, MW(m)5.0/3

IDC 24 10:21:35.5, 4.2, 3.22S, 129.51E, h35km, 40km, mb3.7/4, mb1.4/7, mb1mx3.5/40, mbtmp4.2/7, MS2.8/4, Ms1.2/8/4, ms1mx2.5/28, Error ellipse: s-maj=43.1km s-min=15.9km az=96.0

ISC 24 10:21:34.4, 0.7, 3.32S, 0.06, 128.31E, 0.07, h91km, n35, +212/33, mb3.9/3, 1C, Seram

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

JMA 24 10:49:05.2, 0.1, 37.53N, 141.75E, h39km, 2km, M3.8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COEN, PMG, AS31, etc.

Table with columns: JIO, Ouri, 0.98 341 P, Pn, 10 49 22.7 +0.3, etc.

Table with columns: JFT, JFO, Otama, 1.12 270 P, S, 10 49 25.6 +1.2, etc.

Table with columns: JFU, JJK, Okura, 1.20 315 P, S, 10 49 39.9 +1.2, etc.

Table with columns: JMT, JMS, Matsuhiro, 1.48 344 P, S, 10 49 30.1 +0.8, etc.

Table with columns: MAT, MAM, Matsuhiro, 3.00 252 P, S, 10 49 54.0 +3.8, etc.

Table with columns: JYO, JYU, JYV, 1.48 344 P, S, 10 49 30.1 +0.8, etc.

Table with columns: JYJ, JYK, JYV, 1.48 344 P, S, 10 49 30.1 +0.8, etc.

Table with columns: JYO, JYU, JYV, 1.48 344 P, S, 10 49 30.1 +0.8, etc.

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Table with columns: JYO, JYU, JYV, 1.48 344 P, S, 10 49 30.1 +0.8, etc.

24d 11h

ISC 24 11:24:42.9.0.9,11.73N,0.0'05.87'02W,0.0'05,h61km,9km, n247,r1838/231,mb4.4/54,2C-3D,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like CRIN, CSGN, MATN, CNCH, LCND, ACOL, etc.

2014 MAR

Table with columns: Z50A, Ashland, 21.45, 3, P, P, 11 29 28.4 +2.2. Lists stations like 157A, 237A, GOGA, Y49A, JCT, Y52A, Y52A, etc.

1346

Table with columns: K48A, Perry, 31.06, 4, P, P, 11 30 53.5 -1.7. Lists stations like BGNE, S22A, X16A, WUAZ, PV12, ECSD, ECSD, H48A, G40A, SPMN, BC93, O20A, O20A, SUSD, F48A, COWI, G54A, BELC, E43A, E47A, E44A, D46A, D47A, RSSD, D48A, EYMN, TPNV, DUG, D54A, FURC, BW06, BW06, PD31, PDAR, PDAR, MPMC, R11A, AGMN, AHID, MDND, SNOW, TPW, FLWY, RLMT, RLMT, NV11, NVAR, NVAR, ULM, DGMT, DLMT, DLMT, EGMT, MSO, O02D, F10A, F10A, E07A, FFC, FFC, SCHG, SCHG, B05A, PEL, YKA, EPYK, INK, INK, BCAR, POHA, HDA, ILAR, ILAR, ILAR, RND, KSH, KSH, ASAR, WRA.

IDC 24 11:26:36.6.0.4, 19.715S; 70.60W, h0km, mb4.8/29, mb1 4.9/33, mb1 mx4 8.4/46, mbtmp4 8/33, ML4.3/4, MS5.5/35, Ms1 5.4/35, ms1 mx5 3/44, Error ellipse: s-maj=13.6km s-min=8.7km az=77.0 VAO 24 11:26:38.1±0.4, 19.815S; 70.62W, h10km, mb5.3 NEIC 24 11:26:38.2, 19.865S; 70.87W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr3.25; Mw0.59; Mw-3.84; Mw0.68; Mw0.81; Mw-3.24; Fault plane solution: Mw4.95000x10^17 NP1.168.59000, 0.66.23000, 1.88.64000. NP2.365351.96000, 0.23.81000, 1.3.09000. Principal axes: T 4.5395, P169.0000, N 0.7301, P1.0000, Azm169.0000; P 5.2696, P121.0000, Azm260.0000; NEIC 24 11:26:38.4, 1.4, 19.825S; 0.03; 70.77W; 0.05, h22km, 11km, mb5.5/322, Ms_20 5.4/672, Mw0.5/765, Mw0.5/7.

ML5.4(GUC),Mw5.8(GCMT) Error ellipse: s-maj=8.8km s-min=5.3km az=284.0
 MOS 24 11:26:39.2±1.4, 19.76S:70.76W,h26km,m5.5/17, MS5.6/17, Error ellipse: s-maj=11.2km s-min=7.6km az=96.7
 NEIC 24 11:26:39.19,54S:70.64W,h24km,Moment Tensor Solution. Moment Tensor Scale 10¹⁷Nm; Mr:3.38; Mw:0.03; Mo:3.35; Ma:1.11; Mb:0.67; Mc:3.57; Fault plane solution: Ms:0.7000;1017 NP1:164.00000°, 169.00000°, 187.00000°. NP2:354.00000°, 621.00000°, 1.99.00000°. Principal axes: T 5.0333, P1666.00000°, Azm:88.00000°. N 0.0770, P163.00000°, Azm:166.00000°. P 5.1102, P164.00000°, Azm:257.00000°.
 GUC 24 11:26:40.0±0.7, 19.88S:70.84W,h6km,ML5.4 BUI 24 11:26:40.0±0.0, 19.90S:70.90W,h20km,mB5.6/42, Ms5.8/46, Ms7.5/747
 GCMT 24 11:26:45.4±0.1, 19.80S:0.01:71.05W:0.01,h22km, MW5.8/148, Moment Tensor Solution. s132,c252; s148,c302; Duration: 1s8 Moment tensor: Scale 10¹⁷ Nm; Mr:3.40±.05; Mo:0.23±.03; Mw:3.64±.04; Mw:0.85±.06; Mb:0.75±.03; Mc:3.73±.10; Best double couple: Ms:2.47000;1017 NP1:352.00000°, 622.00000°, 1.94.00000°. NP2:368.00000°, 636.00000°, 1.89.00000°. Principal axes: T 5.0530, P1667.00000°, Azm:75.00000°, N 0.3710, P161.00000°, Azm:168.00000°. P 5.4350, P162.00000°, Azm:259.00000°. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

NEIC 24 11:26:46.19,82S:71.07W,h21km,Moment Tensor Solution. Moment Tensor Scale 10¹⁷Nm; Mr:3.32; Mw:0.29; Mo:3.60; Ma:1.23; Mb:0.95; Mc:4.17; Fault plane solution: Ms:6.40000;1017 NP1:164.00000°, 170.00000°, 188.00000°. NP2:351.00000°, 620.00000°, 1.96.00000°. Principal axes: T 5.3781, P1655.00000°, Azm:71.00000°. N 0.4971, P162.00000°, Azm:165.00000°. P 5.8771, P162.00000°, Azm:256.00000°.
 ISC 24 11:26:37.7±0.8, 19.85S:0.02:70.75W:0.03,h10km,4km, n1257, s1568/896, m5.5/179, MS5.5/392, 12C-5D, Near coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	Time	Res
PSGC	Pisagua	0.64	67	Op	ISC	h	11 26 53.1	+0.1
PSGC	Pisagua	0.64	67	Op	ISC	h	11 27 02.9	+0.3
PSGC	Pisagua	0.64	67	Op	ISC	h	11 26 52.8	-0.1
PSGC	Pisagua	0.64	67	Op	ISC	h	11 27 03.1	-0.1
TA01	Diego Aracena	0.89	144	Op	ISC	h	11 26 56.6	+0.3
TA01	Diego Aracena	0.89	144	Op	ISC	h	11 27 10.1	+0.8
TA01	Diego Aracena	0.89	144	Op	ISC	h	11 27 15.8	
PB11	IPOC Station P	1.03	85	Op	ISC	h	11 26 59.7	+1.3
PB11	IPOC Station P	1.03	85	Op	ISC	h	11 27 15.0	+2.0
PB11	IPOC Station P	1.03	85	Op	ISC	h	11 27 18.6	
PB11	IPOC Station P	1.03	85	Op	ISC	h	11 26 59.8	+1.4
PATCX	Punta Patache	1.12	150	Op	ISC	h	11 27 00.1	+0.4
PATCX	Punta Patache	1.12	150	Op	ISC	h	11 27 15.9	+0.8
PATCX	Punta Patache	1.12	150	Op	ISC	h	11 27 22.1	
PATCX	Punta Patache	1.12	150	Op	ISC	h	11 26 60.0	+0.4
PATCX	Punta Patache	1.12	150	Op	ISC	h	11 27 16.1	+1.0
PB12	IPOC Station P	1.29	181	Op	ISC	h	11 27 02.8	+0.3
PB12	IPOC Station P	1.29	181	Op	ISC	h	11 27 21.2	+1.9
PB12	IPOC Station P	1.29	181	Op	ISC	h	11 27 02.7	+0.3
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 28.4	+3.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 31.8	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 07.2	+1.1
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 29.9	+0.5
GO01	Chuzmiza	1.47	83	Op	ISC	h	11 27 22.1	
GO01	Chuzmiza	1.47	83					

O50A	Cable	60.88	349	P	P	11	36	49.7	-0.8
YLE	Yale	60.88	358	IAMS_20	IAMS_20	12	06	56.2	
Q44A	Meyer Farm, Va	60.90	344	Iamb	Iamb	11	37	46.7	
M61A	Granite Spring	60.91	357	P	P	11	36	50.4	-0.2
M63A	Gales Ferry	60.95	359	P	P	11	36	50.9	0.0
M60A	Port Jerry	60.97	357	P	P	11	36	51.1	0.0
M62A	Hamden	61.01	358	P	P	11	36	50.1	-1.2
S39A	Bolivar	61.05	340	Iamb	Iamb	11	37	09.0	
O49A	Covington	61.05	348	Iamb	Iamb	11	37	46.3	
O49A	Covington	61.05	348	P	P	11	36	50.6	-1.1
N53A	Lisbon	61.07	351	Iamb	Iamb	11	37	36.4	
N53A	Lisbon	61.07	351	P	P	11	36	51.0	-0.8
MNTX	Cornudas Mount	61.07	326	P	P	11	36	51.8	-0.2
M64A	Tiverton	61.09	360	P	P	11	36	50.8	-1.0
M65A	Busby, Falmout	61.09	0	IAMS_20	IAMS_20	12	02	19.0	
M65A	Busby, Falmout	61.09	0	P	P	11	36	50.9	-0.9
N54A	Moraine State	61.10	352	IAMS_20	IAMS_20	12	03	57.7	
N54A	Moraine State	61.10	352	P	P	11	36	52.1	+0.1
P46A	Rosedale	61.12	346	IAMS_20	IAMS_20	12	04	26.9	
M58A	Price's Panora	61.13	355	P	P	11	36	51.8	-0.4
M57A	Sunshine Farm	61.16	355	Iamb	Iamb	11	37	18.7	
M57A	Sunshine Farm	61.16	355	P	P	11	36	53.1	+0.8
N52A	McGinn's Farm	61.20	351	P	P	11	36	51.8	-0.8
M59A	Waymart	61.23	356	P	P	11	36	52.6	-0.3
R40A	Maddies Station	61.26	341	Iamb	Iamb	11	37	56.0	
O48A	Farmland	61.28	347	P	P	11	36	52.6	-0.7
KSCOT	Kent School, K	61.31	358	IAMS_20	IAMS_20	12	04	10.6	
N50A	Nevada	61.40	349	P	P	11	36	53.3	-0.7
L63A	North Scituate	61.40	359	P	P	11	36	53.8	-0.2
M56A	Emporium	61.41	354	Iamb	Iamb	11	37	29.7	
M56A	Emporium	61.41	354	P	P	11	36	54.4	+0.4
N51A	Ashland	61.41	350	IAMS_20	IAMS_20	12	06	14.8	
N51A	Ashland	61.41	350	P	P	11	36	53.4	-0.7
M55A	Ridgway	61.45	353	IAMS_20	IAMS_20	12	04	14.1	
M55A	Ridgway	61.45	353	P	P	11	36	54.5	+0.1
L64A	Middleborough	61.47	360	P	P	11	36	54.5	+0.1
M54A	Oil Creek Stat	61.60	352	P	P	11	36	55.5	+0.1
L60A	Shokan	61.60	357	P	P	11	36	54.6	-0.8
MSTX	Muleshoe	61.60	330	P	P	11	36	55.6	-0.1
M53A	WJ Miller and	61.66	352	P	P	11	36	55.7	-0.1
N49A	Columbus Grove	61.73	348	P	P	11	36	55.4	-0.8
L58A	Harry Jones Me	61.76	356	P	P	11	36	57.0	+0.5
L61A	Hillsdale 1, H	61.78	358	P	P	11	36	55.4	-1.1
M51A	Elyria	61.79	350	P	P	11	36	55.7	-0.9
L57A	Andrews Acres	61.79	355	P	P	11	36	55.7	-1.0
SFIN	Lafayette	61.82	346	Iamb	Iamb	11	37	38.3	
SFIN	Lafayette	61.82	346	P	P	11	36	54.9	-1.9
QUA2	Belchertown	61.83	359	IAMS_20	IAMS_20	12	04	55.3	
N48A	Decatur	61.84	348	P	P	11	36	55.9	-1.1
L59A	Walton	61.85	356	IAMS_20	IAMS_20	12	04	46.8	
L59A	Walton	61.85	356	P	P	11	36	57.8	+0.7
AMTX	Amarillo	61.86	331	P	P	11	36	56.4	-0.9
M52A	Chesterland	61.86	351	IAMS_20	IAMS_20	12	05	14.3	
M52A	Chesterland	61.86	351	P	P	11	36	56.1	-1.0
WES	Weston	61.92	360	IAMS_20	IAMS_20	12	02	47.8	
BINY	Binghamton	61.92	356	P	P	11	36	58.1	+0.5
O44A	Mansfield	61.93	345	IAMS_20	IAMS_20	12	05	35.3	
L56A	Greenwood	61.99	354	Iamb	Iamb	11	37	15.4	
L56A	Greenwood	61.99	354	P	P	11	36	58.4	+0.4
N47A	Urbana	61.99	347	IAMS_20	IAMS_20	12	06	20.0	
N47A	Urbana	61.99	347	P	P	11	36	56.8	-1.2
M50A	Fremont	62.00	350	Iamb	Iamb	11	37	43.0	
M50A	Fremont	62.00	350	P	P	11	36	56.9	-1.1
L61B	Northampton	62.01	358	P	P	11	36	57.9	-0.2
HRV	Adam Dzewiowski	62.04	359	P	pmax	11	36	57.8	-0.5
HRV	Adam Dzewiowski	62.04	359	P	pmax	11	36	57.8	-0.5
HRV	Adam Dzewiowski	62.04	359	IAMS_20	IAMS_20	12	02	50.0	
HRV	Adam Dzewiowski	62.04	359	P	P	11	36	58.1	-0.2
L53A	Girard	62.11	352	P	P	11	36	58.8	0.0
L55A	Hinsdale	62.12	354	P	P	11	36	59.3	+0.4
HSIG	Royalston	62.17	320	IAMS_20	IAMS_20	12	02	01.6	
VNA3	Neumayer Olymp	62.19	161	P	P	11	37	00.5	+1.4
K62A	Royalston	62.21	359	P	P	11	36	59.4	-0.1
K60A	Five Rivers En	62.22	357	P	P	11	36	59.1	-0.3
K63A	Dunstable	62.23	359	P	P	11	36	59.2	-0.3
M49A	Liberty Center	62.23	349	P	P	11	36	58.9	-0.7
ERPA	Erie	62.24	352	P	P	11	36	59.6	-0.1
K61A	Williamstown	62.24	358	P	P	11	36	59.6	-0.1
L54A	Sinclairville	62.27	353	P	P	11	37	00.1	+0.3

TRY	Troy	62.32	358	IAMS_20	IAMS_20	12	03	30.3	
WVNY	West Valley, N	62.36	353	IAMS_20	IAMS_20	12	04	51.2	
VNA1	Neumayer-Stat	62.41	161	P	P	11	37	02.1	+1.6
K59A	Cooperstown	62.42	357	P	P	11	37	01.5	+0.7
M47A	Cromwell	62.44	347	P	P	11	36	59.9	-1.1
K58A	Earlville	62.46	356	IAMS_20	IAMS_20	12	07	25.4	
K58A	Earlville	62.46	356	P	P	11	37	01.5	+0.4
K57A	Scipio Center	62.49	355	P	P	11	37	00.7	-0.6
HDIL	Hopedale	62.52	344	Iamb	Iamb	11	37	28.0	
HDIL	Hopedale	62.52	344	P	P	11	37	00.4	-1.2
K56A	Middlesex	62.52	355	P	P	11	37	01.1	-0.5
K54A	Basiliko Farm	62.57	353	P	P	11	37	02.0	+0.2
L50A	Kingsville	62.58	350	P	P	11	37	00.5	-1.4
K55A	Perry	62.62	354	P	P	11	37	01.4	-0.9
J62A	Henniker	62.77	359	P	P	11	37	02.4	-0.7
L48A	N Adams	62.77	349	P	P	11	37	01.9	-1.3
VNA2	Neumayer-Watz	62.77	161	P	P	11	37	04.0	+1.0
L49A	Milan	62.81	349	P	P	11	37	02.7	-0.7
J60A	Lant Hill Farm	62.82	358	P	P	11	37	03.9	+0.4
J61A	Chester	62.90	359	P	P	11	37	05.1	+1.1
319A	Douglas	62.94	323	IAMS_20	IAMS_20	12	01	20.6	
AAM	Ann Arbor	62.97	349	IAMS_20	IAMS_20	12	05	09.1	
AAM	Ann Arbor	62.97	349	P	P	11	37	05.0	+0.5
K52A	Tillsburg	62.99	352	P	P	11	37	04.8	-0.2
121A	Cookes Peak, D	62.99	325	P	P	11	37	04.4	-0.7
121A	Cookes Peak, D	62.99	325	Iamb	Iamb	11	38	00.1	
121A	Cookes Peak, D	62.99	325	P	P	11	37	04.7	-0.4
IM44	Oldfield	63.00	345	IAMS_20	IAMS_20	12	08	41.2	
J58A	Remsen	63.03	356	IAMS_20	IAMS_20	12	06	31.5	
J58A	Remsen	63.03	356	P	P	11	37	05.0	+0.1
K51A	Iona Station	63.04	351	P	P	11	37	04.4	-0.5
J56A	Wolcott	63.06	355	P	P	11	37	04.8	-0.2
J59A	Piesco	63.09	357	IAMS_20	IAMS_20	12	04	49.2	
J59A	Piesco	63.09	357	P	P	11	37	05.8	+0.4
MEDO	Medina	63.10	354	IAMS_20	IAMS_20	12	05	22.1	
J57A	Williamstown	63.13	356	Iamb	Iamb	11	37	24.5	
J57A	Williamstown	63.13	356	P	P	11	37	05.3	-0.2
J55A	Hilton	63.13	354	IAMS_20	IAMS_20	12	08	36.1	
J55A	Hilton	63.13	354	P	P	11	37	05.2	-0.3
L46A	Eue Claire	63.20	347	IAMS_20	IAMS_20	12	07	05.7	
L46A	Eue Claire	63.20	347	P	P	11	37	05.0	-1.1
J54A	Appleton	63.22	354	IAMS_20	IAMS_20	12	05	15.5	
J54A	Appleton	63.22	354	P	P	11	37	05.9	-0.2
HNH	Hanover	63.25	359	IAMS_20	IAMS_20	12	05	45.5	
K50A	Casco	63.26	350	IAMS_20	IAMS_20	12	05	39.3	
K50A	Casco	63.26	350	P	P	11	37	05.5	-0.9
I58A	Old Forge	63.34	357	P	P	11	37	07.4	+0.4
I62A	Tamworth	63.41	360	IAMS_20	IAMS_20	12	06	34.7	
I62A	Tamworth	63.41	360	P	P	11	37	07.7	+0.3
J52A	Paris	63.41	352	P	P	11	37	06.9	-0.5
K49A	Clarkson	63.41	350	P	P	11	37	06.3	-1.2
I60A	Shoreham	63.42	358	P	P	11	37	07.4	0.0
K5U1	Kansas State U	63.44	338	IAMS_20	IAMS_20	12	05	43.5	
I64A	Booby Bay	63.46	1	P	P	11	37	07.1	

24d 11h

H45A	comp=Z,21m,21.0s	65.66	348	P	P	11 37 21.6	-0.5
X18A	Snowflake baz=164	65.68	325	IAMs_20	IAMs_20	12 04 17.3	
K5C0	Kaye Shedlock baz=147	65.72	333	P	P	11 37 22.4	-0.4
F52A	Sundridge baz=171,SNR=8.7	65.79	353	P	P	11 37 22.7	-0.3
G47A	Hillman baz=166	65.80	350	P	P	11 37 22.8	-0.2
ALGO	Algonquin Park baz=172,SNR=8.7	65.82	354	P	P	11 37 23.0	-0.1
H43A	Windswept Lux comp=Z,2.0m,1.1s	65.87	347	IAMB	IAMB	11 37 40.0	
E60A	Ste Agathe de baz=179	65.90	359	P	P	11 37 23.8	+0.2
E58A	La Victoria baz=172,SNR=6.5	65.94	358	P	P	11 37 24.5	+0.6
SDCO	Great Sand Dun SDCO	65.96	330	P	P	11 37 24.7	+0.2
SDCO	comp=Z,45nm,1.1s	65.96	330	P	P	11 37 25.1	+0.5
E61A	Great Sand Dun baz=144,SNR=19	65.96	0	P	P	11 37 24.1	0.0
E63A	Lac Etchemin baz=180	65.99	2	IAMB	IAMB	11 37 44.9	
E63A	Oxbow comp=Z,34nm,1.1s	65.99	2	IAMBs_20	IAMBs_20	12 05 14.1	
E63A	comp=Z,31m,22.0s	65.99	2	P	P	11 37 24.5	+0.3
F51A	Arnstein baz=182	65.99	353	P	P	11 37 23.6	-0.6
G45A	Suttons Bay comp=Z,2.0m,18.0s	65.99	348	IAMs_20	IAMs_20	12 10 56.4	
G45A	Suttons Bay baz=165	65.99	348	P	P	11 37 24.5	+0.3
I40A	Norwalk comp=Z,21nm,0.7s	65.99	344	IAMB	IAMB	11 37 40.4	
I40A	comp=Z,3.0m,18.0s			IAMs_20	IAMs_20	12 10 36.3	
E64A	Bridgewater baz=183	66.00	2	P	P	11 37 24.5	+0.2
W18A	Petrified Fore comp=Z,54nm,1.4s	66.01	326	IAMB	IAMB	11 37 52.3	
W18A	IAMs_20	66.01	326	IAMBs_20	IAMBs_20	12 05 35.1	
W18A	comp=Z,3.0m,19.0s	66.01	326	P	P	11 37 24.1	-0.7
E57A	Petrified Fore baz=149	66.02	357	P	P	11 37 24.6	+0.2
E57A	Chemin Saint G baz=176,SNR=5.8	66.02	357	P	P	11 37 24.6	+0.2
BGNE	Belgrade baz=152,SNR=7.9	66.03	338	P	P	11 37 24.5	-0.1
F49A	Sandfield baz=168	66.10	351	P	P	11 37 24.2	-0.6
G46A	Potosky baz=166	66.11	349	P	P	11 37 23.8	-1.1
E55A	Montclair-Lytto baz=175	66.16	356	P	P	11 37 24.7	-0.5
E56A	St. Veronique baz=176,SNR=9.3	66.19	357	P	P	11 37 25.6	+0.1
E52A	Mattawa baz=172,SNR=5.2	66.21	354	P	P	11 37 25.2	-0.3
E53A	Doumoine, Ponti baz=173	66.21	355	P	P	11 37 25.4	-0.2
E54A	Lac Daplat, Po baz=173,SNR=7.1	66.22	355	P	P	11 37 25.5	-0.2
F48A	Evansville baz=168	66.24	351	P	P	11 37 25.3	-0.5
PQI	Presque Isle PQI	66.25	2	P	P	11 37 26.1	+0.3
PQI	comp=Z,43nm,1.2s	66.25	2	IAMB	IAMB	11 37 47.6	
PQI	comp=Z,2.0m,18.0s			IAMs_20	IAMs_20	12 10 48.0	
X16A	Lo Mia Camp, P comp=Z,27nm,1.2s	66.41	324	IAMB	IAMB	11 37 56.0	
X16A	comp=Z,2.0m,18.0s			IAMs_20	IAMs_20	12 05 01.6	
D60A	Saint Jean D'O baz=182	66.44	360	P	P	11 37 26.9	-0.1
E51A	G1948 Merrick baz=171,SNR=6.6	66.54	353	P	P	11 37 27.4	-0.3
D59A	Saint-Raymond baz=179	66.55	359	P	P	11 37 27.7	0.0
F45A	CMU Biological baz=165	66.58	349	P	P	11 37 27.4	-0.6
S22A	4UR Ranch, Cre baz=143	66.59	329	P	P	11 37 26.9	-1.7
D57A	Chemin Vers le baz=177,SNR=9.3	66.61	358	P	P	11 37 28.3	+0.1
D63A	Stockholm baz=183	66.61	2	P	P	11 37 28.7	+0.6
D62A	Allapoint, All comp=Z,55nm,1.1s	66.63	1	IAMB	IAMB	11 37 49.6	
D62A	comp=Z,3.0m,21.0s	66.63	1	P	P	11 37 28.7	+0.4
D62A	Allapoint, All baz=182	66.63	1	P	P	11 37 28.7	+0.4
D58A	Chemin du LacG baz=178,SNR=11	66.66	358	P	P	11 37 28.7	+0.3
D56A	ZEC Mazanza, M baz=176	66.68	357	P	P	11 37 28.3	-0.3
D55A	Sainte-Anne-du baz=175,SNR=8.6	66.69	356	P	P	11 37 28.6	-0.1
D61A	St Aubert, Com baz=181	66.74	0	P	P	11 37 29.6	+0.7
Q24A	Divide comp=Z,2.0m,22.0s	66.79	331	IAMs_20	IAMs_20	12 08 51.8	
Q24A	Divide baz=145	66.79	331	P	P	11 37 29.4	-0.5
E48A	Lockeyer baz=168,SNR=7.0	66.82	351	P	P	11 37 29.1	-0.4
I37A	Lemond, Waseca comp=Z,2.0m,19.0s	66.85	342	IAMs_20	IAMs_20	12 11 41.0	
D54A	Lac Fusel, La baz=174,SNR=6.3	66.90	356	P	P	11 37 29.4	-0.6
D53A	Lac Vieve, Po comp=Z,36nm,0.9s	66.91	355	IAMB	IAMB	11 37 46.5	
D53A	comp=Z,2.0m,20.0s	66.91	355	IAMs_20	IAMs_20	12 08 04.8	
D53A	Lac Vieve, Po baz=173,SNR=6.2	66.91	355	P	P	11 37 29.9	-0.1
LATQ	La Tuque baz=178	66.94	358	P	P	11 37 30.5	+0.3
E47A	Iron Bridge baz=167	66.95	351	P	P	11 37 30.0	-0.3
MVCO	Mesa Verde comp=Z,23nm,1.0s	66.98	328	IAMB	IAMB	11 38 31.1	
MVCO	comp=Z,2.0m,18.0s	66.98	328	IAMs_20	IAMs_20	12 06 30.8	
MVCO	Mesa Verde baz=141	66.98	328	P	P	11 37 30.3	-0.8
E46A	Sault Ste Mari comp=Z,65nm,0.9s	67.03	350	IAMB	IAMB	11 38 12.4	
D51A	Lot 18 Range I baz=171	67.08	354	P	P	11 37 31.2	+0.1
OGNE	Ogallala comp=Z,71nm,1.4s	67.10	335	IAMB	IAMB	11 37 50.0	
OGNE	Ogallala baz=148	67.10	335	P	P	11 37 32.0	+0.4
F42A	Maple Grove Fa comp=Z,4.0m,22.0s	67.17	347	IAMs_20	IAMs_20	12 07 08.7	
G40A	Rib Lake comp=Z,2.0m,20.0s	67.18	345	IAMs_20	IAMs_20	12 08 03.7	
WUAZ	Wupatki comp=Z,44nm,1.1s	67.19	325	IAMB	IAMB	11 38 00.9	
WUAZ	comp=Z,2.0m,20.0s	67.19	325	IAMs_20	IAMs_20	12 05 14.3	
WUAZ	Wupatki baz=138,SNR=11	67.19	325	P	P	11 37 33.7	+1.3
D50A	G1974 Best Tow baz=171,SNR=11	67.20	353	P	P	11 37 31.8	-0.2
D48A	Paudash Townsh baz=169	67.45	352	P	P	11 37 33.3	-0.2
D46A	Sault Ste. Mari baz=166	67.50	350	P	P	11 37 34.4	+0.6
D47A	Chapleau baz=168	67.52	351	P	P	11 37 33.0	-0.9
E43A	Lone Tree Farm comp=Z,19nm,0.8s	67.53	348	IAMB	IAMB	11 37 50.5	
E43A	comp=Z,3.0m,20.0s	67.53	348	IAMs_20	IAMs_20	12 09 00.2	
E44A	Grand Marais A comp=Z,49nm,1.1s	67.56	349	IAMB	IAMB	11 38 34.7	
E44A	comp=Z,3.0m,20.0s	67.56	349	IAMs_20	IAMs_20	12 09 10.0	
E44A	Grand Marais A comp=Z,3.0m,20.0s	67.56	349	P	P	11 37 34.1	-0.1

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ECSD	EROS Data Cent baz=154,SNR=9.8	67.57	340	P	P	11 37 34.2	-0.2
ISCO	Idaho Springs comp=Z,2.0m,18.0s	67.68	332	IAMB	IAMB	11 38 02.8	
ISCO	Idaho Springs baz=144,SNR=6.5	67.68	332	P	P	11 37 35.9	+0.4
COWI	Conover comp=Z,44nm,1.2s	67.72	346	IAMB	IAMB	11 37 56.7	
COWI	comp=Z,3.0m,20.0s			IAMs_20	IAMs_20	12 07 45.1	
TAOE	Nuku Hiva Isla comp=Z,5.0m,27.0s	67.73	268	eLR	S	11 46 35.5	+1.0
TAOE	Nuku Hiva Isla comp=Z,2.0m,24.2s,baz=109	67.73	268	eLR	L	11 46 35.5	+1.0
TAOE	Nuku Hiva Isla comp=Z,3.0m,18.0s	67.73	268	eT	T	12 50 52.0	
PV01	Paradox Valley comp=Z,2.2nm,1.3s	67.74	328	IAMB	IAMB	11 37 54.6	
SMCO	Snowmass comp=Z,2.0m,20.0s	67.80	330	IAMs_20	IAMs_20	12 07 57.3	
SPMN	Marine on St. comp=Z,2.0m,18.0s	67.80	343	IAMs_20	IAMs_20	12 12 40.2	
SPMN	Marine on St. baz=158	67.80	343	P	P	11 37 36.3	+0.5
PDML	Parker Dam,Lak baz=136	67.86	322	P	P	11 37 36.8	+0.4
PV15	Paradox Valley comp=Z,2.0m,19.0s	67.86	329	IAMs_20	IAMs_20	12 07 27.0	
IKP	In-Ko-Pah, Jac baz=134	67.87	320	P	P	11 37 35.8	-0.7
PV02	Paradox Valley comp=Z,2.0m,18.0s	67.88	328	IAMs_20	IAMs_20	12 07 29.5	
PV13	Radium Mtn., P comp=Z,3.0m,18.0s	67.88	328	IAMs_20	IAMs_20	12 07 53.6	
SWSC	Sam M. Stewart baz=134	67.88	320	P	P	11 37 37.0	+0.4
VLDQ	Val d'Or comp=Z,44nm,1.1s	67.91	355	IAMB	IAMB	11 38 02.3	
VLDQ	comp=Z,3.0m,20.0s			IAMs_20	IAMs_20	12 08 16.3	
PV18	Skein Mesa, Pa comp=Z,2.0m,18.0s	67.99	328	IAMs_20	IAMs_20	12 07 55.6	
PV07	Paradox Valley comp=Z,2.0m,18.0s	68.01	329	IAMs_20	IAMs_20	12 09 31.2	
PV16	Nyswonger Mesa comp=Z,2.0m,18.0s	68.05	328	IAMs_20	IAMs_20	12 07 51.0	
PV19	Morning Glory comp=Z,3.0m,19.0s	68.08	328	IAMs_20	IAMs_20	12 07 58.9	
PV20	West Nyswonger comp=Z,3.0m,18.0s	68.10	328	IAMs_20	IAMs_20	12 07 50.3	
PV14	Lion Creek, Pa comp=Z,3.0m,18.0s	68.15	328	IAMs_20	IAMs_20	12 08 00.7	
BC3	Big Truckkwall baz=135,SNR=6.4	68.17	321	P	P	11 37 39.6	+1.1
MONP2	Monument Peak baz=134	68.22	320	P	P	11 37 39.9	+0.9
BAR	Barrett comp=Z,30nm,1.2s	68.23	319	P	P	11 37 37.7	-1.1
BAR	comp=Z,3.0m,18.0s			IAMB	IAMB	11 37 51.6	
IRM	Iron Mountain baz=135,SNR=10	68.34	321	P	P	11 37 40.8	+1.3
U15A	North Rim comp=Z,45nm,1.3s	68.37	325	IAMB	IAMB	11 38 08.7	
U15A	comp=Z,3.0m,20.0s			IAMs_20	IAMs_20	12 05 51.5	
D41A	Chassel comp=Z,44nm,0.9s	68.51	347	IAMB	IAMB	11 38 01.2	
D41A	comp=Z,3.0m,21.0s			IAMs_20	IAMs_20	12 08 10.9	
N23A	Red Feather La comp=Z,39nm,1.2s	68.71	332	IAMB	IAMB	11 38 09.2	
N23A	Red Feather La baz=144	68.71	332	P	P	11 37 40.3	-1.6
BELC	Belle Mtn. Jos baz=132	68.73	321	P	P	11 37 42.9	+0.8
XPFO	Clamp Flat comp=Z,2.0m,18.0s	68.74	320	P	P	11 37 39.9	-2.2
PFO	Pinyon Flats O comp=Z,2.0m,18.0s	68.74	320	eP	P	11 37 41.3	-0.8
PFO	Pinyon Flats O baz=134	68.74	320	P	P	11 37 41.3	-0.8
PFO	Pinyon Flats O comp=Z,2.0m,18.0s	68.74	320	P	P	11 37 42.3	+0.3
E38A	The Farm, Brul E38A	68.76	345	P	P	11 37 40.9	-0.8
E38A	comp=Z,33nm,1.1s			IAMB	IAMB	11 38 45.4	
E38A	comp=Z,3.0m,21.0s			IAMs_20	IAMs_20	12 09 04.6	
LSOQ	Lebanon-Queb baz=174						

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like RAYN Ar Rayn, GNI Garni, HNR Honiara, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like USRK Ussuriysk Arr, PALK Pallekele, MJAR Matsushiro Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PBKT Sadao Pong, KMI Kunming, GYAI Guiyang, etc.

PB09	POC Station P	2.48 144	Pn	Pn	11 32 56.0 +0.9
PB09	POC Station P	2.48 144	eP	Sb	11 32 56.5 +1.5
PB09			eS	Sb	11 33 32.5 +2.5
PB09			IAML		11 33 40.1
PB04	comp-Z,29um,0.7s				
PB04	POC Station P	2.61 167	Pn	Pn	11 32 55.7 -1.2
PB04	POC Station P	2.61 167	iP	Pn	11 32 55.3 -1.6
PB04			eS	Sb	11 33 37.4 +3.5
PB05	POC Station P	3.11 170	iP	Sb	11 33 01.5 -2.2
PB05			eS	Sb	11 33 52.8 +4.6
PB05			IAML		11 33 57.2
PB06	comp-Z,6um,0.9s				
PB06	POC Station P	3.13 159	iP	Pn	11 33 02.6 -1.4
PB06			eS	Sb	11 33 50.3 +1.5
PB06			IAML		11 33 55.3
LVC	Limón Verde	3.32 148	Pn	Pn	11 33 06.7 -0.1
LVC			eS	Sb	11 33 47.2 +1.5
LVC			IAML		11 33 57.2
LVC	comp-Z,570nm,0.3s,baz=53,slow=20,SNR=5.8				
LVC	Limón Verde	3.32 148	eP	Pn	11 33 08.2 +1.4
LVC	Limón Verde	3.32 148	Pn	Pn	11 33 07.5 +0.7
LVC	Limón Verde	3.32 148	eP	Pn	11 33 09.0 +2.2
LVC	Limón Verde	3.32 148	eP	Pn	11 33 08.1 +1.8
LVC			eS	Sb	11 33 57.1 +2.6
LVC			IAML		11 34 08.4
PB15	comp-Z,3um,1.2s				
PB15	POC Station P	3.63 160	Pn	Pn	11 33 10.1 -0.8
PB15	POC Station P	3.63 160	eP	Pn	11 33 10.1 -0.8
PB15			eS	Sb	11 34 04.8 +1.6
PB15			IAML		11 34 11.0
PB10	comp-Z,13um,1.2s				
PB10	POC Station P	3.72 177	Pn	Pn	11 33 09.4 -2.6
PB10	POC Station P	3.72 177	iP	Pn	11 33 29.5 -2.8
PB10			eS	Sb	11 34 12.4 +6.6
PB10			IAML		11 34 23.1
IOB80	comp-Z,2um,0.9s				
IOB80	LAS PENAS INFR	4.18 32	Pn	Pb	11 33 28.2 -1.1
IOB80			i		11 55 40.0
LPAZ	La Paz	4.30 37	Pn	Pn	11 33 24.3 +3.8
LPAZ	comp-Z,37nm,0.3s,baz=55,SNR=5.8				
LPAZ	La Paz	4.30 37	eP	Pn	11 33 24.0 +3.5
LPAZ	La Paz	4.30 37	eP	Pn	11 33 24.0 +3.5
PB14	POC Station P	4.84 176	Pn	Pn	11 33 24.5 -3.1
PB14	POC Station P	4.84 176	iP	Pn	11 33 25.3 -2.4
PB14			eS	Sb	11 34 35.9 -2.2
PB14			IAML		11 34 54.4
GO02	Mina Guanaco	5.47 169	Pn	Pn	11 33 34.9 -1.4
AZAP	Zapla	6.91 131	iP	Pn	11 34 01.9 +5.8
ASTB	Santa Barbara	7.20 126	iP	Pn	11 34 01.7 +1.7
GO03	Copiap	7.73 176	Pn	Pn	11 34 04.9 -3.3
SIV	San Ignacio	9.99 69	Pn	Pn	11 34 37.7 -0.5
GO04	comp-Z,18nm,0.3s,baz=260,slow=12,SNR=16				
GO04	Tololo Observa	10.35 180	Pn	Pn	11 34 40.1 -3.1
SAML	Samuel	13.04 35	eP	Pn	11 35 20.5 +0.6
SAML	Samuel	13.04 35	eP	Pn	11 35 20.5 +0.6
CPUP	Villa Florida	14.00 120	Pn	Pn	11 35 31.4 -1.5
CPUP	Villa Florida	14.00 120	Pn	Pn	11 35 32.8 -0.1
CPUP	Villa Florida	14.00 120	Pn	Pn	11 35 32.8 -0.1
CPUP	Villa Florida	14.00 120	Pn	Pn	11 35 31.6 -1.3
AQDB	Aquidauana	14.19 95	eP	Pn	11 35 37.2 +1.5
TRCB	Terra Rica	17.18 103	eP	Pn	11 36 12.6 -2.1
PTGB	Pitanga	18.01 109	eP	Pn	11 36 24.6 -0.4
PCMB	Pacaembu	18.36 99	eP	Pn	11 36 27.4 -1.7
ITAB	Concordia	18.64 117	eP	Pn	11 36 30.2 -1.3
CFBS	Cacapeva Do Su	19.73 89	eP	Pn	11 36 42.7 +1.6
ITRB	Iturama	19.12 93	eP	Pn	11 36 37.9 -0.8
PLTB	Pedras Altas	19.51 131	eP	Pn	11 36 40.9 -0.8
GO06	Caruruehu	19.75 182	eP	Pn	11 36 44.2 -0.1
FRTB	Fatura	20.06 104	eP	Pn	11 36 46.2 -1.5
CNEL	Canela	20.45 122	eP	Pn	11 36 50.7 -1.3
PLCA	Paso Flores	20.89 179	eP	Pn	11 36 57.7 +1.1
PLCA	comp-Z,17nm,1.0s,baz=15,slow=10,SNR=22				
PLCA	Paso Flores	20.89 179	P	P	11 36 57.4 +0.8
PLCA			pmax	pmax	
PLCA	comp-Z,43nm,1.1s				
PLCA	Paso Flores	20.89 179	P	Pn	11 36 57.4 +0.8
PLCA	Paso Flores	20.89 179	eP	Pn	11 36 59.1 0.0
BB19B	Bebedouro	20.90 97	eP	Pn	11 36 55.5 -1.5
IPMB	Ipanameri, GO	21.40 89	eP	Pn	11 37 00.7 -2.0
PTGA	Pitinga	21.71 81	eP	Pn	11 37 04.0 -1.4
PTGA	comp-Z,27nm,0.3s,baz=23,SNR=71				
PTGA	Pitinga	21.70 81	P	P	11 37 03.8 -1.7
FLOC	Florencia	21.76 347	P	P	11 37 06.8 +0.7
SPB	Sao Paulo	22.03 104	P	P	11 37 07.6 -1.3
BDFB	Brasilia	22.08 83	P	P	11 37 07.3 -2.3
BDFB	comp-Z,21nm,0.4s,baz=15,slow=7,SNR=21				
BDFB	Brasilia	22.08 83	P	P	11 37 08.8 -0.9
BDFB	Brasilia	22.08 83	P	P	11 37 08.8 -0.9
VAO	Valinhos	22.41 102	eP	Pn	11 37 11.2 -2.0
PARB	Parabuna	23.66 103	eP	Pn	11 37 24.0 -1.9
ROSC	El Rosal	24.71 352	P	P	11 37 37.1 +1.1
ROSC	comp-Z,26nm,0.5s,baz=197,slow=10,SNR=5.6				
ROSC	El Rosal	24.71 352	P	P	11 37 36.2 +0.2
SMTB	Santa Maria do	24.93 67	eP	Pn	11 37 36.9 -0.7
RUSC	La Rusia	25.41 355	eP	Pn	11 37 44.5 +0.3
JANB	Januaria	25.49 84	eP	Pn	11 37 42.9 -1.6
BSFB	Barra de Sao F	28.26 93	eP	Pn	11 38 05.7 -2.0
SDV	Santo Domingo	28.49 0	P	P	11 38 10.4 +0.6
SDV	comp-Z,28nm,1.1s,baz=215,slow=8.4,SNR=3.4				
SDV	Santo Domingo	28.49 0	P	P	11 38 08.8 -1.0
PLCV	Puerto La Cruz	30.38 12	P	P	11 38 26.9 +0.5
PCRV	Puerto La Cruz	30.38 12	P	P	11 38 26.9 +0.5
PCRV	comp-Z,8.5nm,0.6s,baz=287,slow=15,SNR=2.6				
TOSP	Speyside	32.49 9	P	P	11 38 44.9 -0.1
GRGR	Greenville	32.96 17	P	P	11 38 48.3 -0.8
JTS	Las Junias de	32.98 34	iP	Pn	11 38 49.8 +0.5
EFI	East Falkland	33.93 166	pmax	pmax	11 38 52.4 +0.2
EFI	comp-Z,90nm,1.3s				
EFI	East Falkland	33.93 166	P	P	11 38 52.4 +0.2
NBMO	Morrinhos-CE	34.18 65	eP	Pn	11 38 58.1 -1.7
NBLI	Livramento-PB	35.46 32	eP	Pn	11 39 06.1 -1.3
RCBR	Riachuelo	36.64 72	P	P	11 39 19.5 -1.5
RCBR	comp-Z,41nm,0.9s,baz=244,slow=8.8,SNR=12				
RCBR	Riachuelo	36.64 72	P	P	11 39 20.3 -0.7
RCBR	Riachuelo	36.64 72	P	P	11 39 20.3 -0.7
RCBR	Riachuelo	36.64 72	P	P	11 39 20.2 -0.7
MLPR	Magueyes Islan	37.69 6	P	P	11 39 28.8 -0.9
CRPR	Cabo Rojo, PR	37.73 6	P	P	11 39 28.9 -1.1
OBIP	Obispado Ponce	37.81 7	P	P	11 39 28.6 -2.2
PDRP	Patillas Dam,	37.85 7	P	P	11 39 29.5 -1.6
MFRP	Miyaguez	37.92 6	P	P	11 39 30.6 -1.1
SJG	San Juan	37.93 7	P	P	11 39 29.6 -2.1
SJG	comp-Z,9.4nm,0.3s,baz=227,slow=2.7,SNR=5.3				
SJG	San Juan	37.93 7	P	P	11 39 30.2 -1.5
SJG			pmax	pmax	
SJG	comp-Z,43nm,0.8s				
SJG	San Juan	37.93 7	P	P	11 39 30.2 -1.5
SJG			IAMB	IAMB	11 39 41.3
PCDR	Punta Cana, DR	38.13 4	P	P	11 39 33.3 -0.1
GCRP	Guaynabo City	38.13 4	P	P	11 39 31.1 -1.5
SMRT	St. Maarten	38.35 12	P	P	11 39 32.5 -2.9
SDDR	Presidencia de Saban	38.52 359	P	P	11 39 35.1 -1.7
APG	El Apazote	39.61 329	P	P	11 39 47.5 +1.3
HOPE	comp-Z,17nm,1.2s,baz=179,slow=5.4,SNR=6.1				
HOPE	Hope Point	43.23 151	P	P	11 40 15.7 +0.6
HOPE			pmax	pmax	
HOPE	comp-Z,85nm,1.2s				
HOPE	Hope Point	43.23 151	P	P	11 40 15.7 +0.6
HOPE			IAMB	IAMB	11 40 34.5
TEIG	Tejich	43.29 336	P	P	11 40 16.2 +0.2
CMIG	comp-Z,15nm,0.7s,baz=230,slow=0.0				
CMIG	Matias Romero	43.62 326	P	P	11 40 19.5 +0.7
ZAIG	comp-Z,5.6nm,0.9s,baz=141,slow=8.6				
157A	Zacatecas	43.92 322	P	P	11 41 28.5 +1.1
157A	Early Branch	53.07 349	P	P	11 41 31.7 +0.4
529A	Georgetown, SC	53.34 351	P	P	11 41 33.7 +0.3
NHSC	New Hope	53.35 350	P	P	11 41 33.9 +0.5
528A	St. Stephen	53.51 351	P	P	11 41 34.7 +0.1
250A	Grady	53.56 344	P	P	11 41 34.5 -0.6

Z57A	Bowman	53.62 350	P	P	11 41 35.8 +0.4
Y60A	Bolivia	53.95 352	P	P	11 41 37.9 +0.1
GOGA	Godfrey	54.26 347	P	P	11 41 40.2 +0.1
Y55A	Saluda	54.45 349	P	P	11 41 41.6 +0.1
Z50A	Ashland	54.68 344	IAMB	IAMB	11 41 57.1
Z50A	comp-Z,7nm,0.8s				
Z50A	Ashland	54.68 344	P	P	11 41 42.9 -0.3
LRAL	Lakeview Retre	54.75 343	P	P	11 41 42.8 -0.9
Y52A	Liburn	54.82 346	P	P	11 41 43.6 -0.6
X56A	White Oak	54.84 350	P	P	11 41 44.3 -0.1
X55A	Graclyn & Ava	54.93 349	P	P	11 41 44.9 -0.1
W61A	Ground Anchor	54.97 354	P	P	11 41 44.7 -0.5
HKT	Hockley	55.01 333	P	P	11 41 44.7 -0.9
HKT	Hockley	55.01 333	P	P	11 41 44.7 -0.9
W58A	Raeford	55.09 352	P	P	11 41 46.3 +0.2
X54A	Belton	55.14 348	P	P	11 41 46.5 0.0
833A	Chapparral WMA,	55.24 329	P	P	11 41 46.6 -0.7
X53A	Estanolle	55.28 347	P	P	11 41 47.3 -0.2
W56A	Indian Trail	55.40 350	P	P	11 41 47.7 -0.6
KM5C	Kings Mountain	55.53 350	IAMB	IAMB	11 41 51.3
KM5C	comp-Z,34nm,1.2s				
KM5C	Kings Mountain	55.53 350	P	P	11 41 48.8 -0.5
W54A	Cherokee Point	55.63 349	P	P	11 41 49.7 -0.3
X51A	Calhoun	55.68 346	IAMB	IAMB	11 41 51.0
X51A	comp-Z,26nm,1.4s				
X51A	Calhoun	55.68 346	P	P	11 41 50.1 -0.2
V59A	Middlesex	55.69 353	P	P	11 41 50.5 +0.1
V58A	Windy Hill, Pi	55.83 352	IAMB	IAMB	11 41 54.1
V58A	Windy Hill, Pi	55.83 352	P	P	11 41 51.6 +0.2
V57A	Coltrane Farms	56.01 351	P	P	11 41 52.7 0.0
V56A	Mocksville	56.05 350	P	P	11 41 52.4 -0.6
U61A	Posum Corner	56.06 354	P	P	11 41 52.9 -0.2
X48A	Hartselle	56.10 344	IAMB	IAMB	11 41 54.7
NATX	Naacoches	56.13 335	P	P	11 41 53.4 -0.2
V55A	Taylorville	56.20 350	IAMB	IAMB	11 41 56.1
V55A	comp-Z,48nm,1.4s				
V55A	Taylorville	56.20 350	P	P	11 41 55.2 +1.1
U59A	Littleton	56.22 353	IAMB	IAMB	11 41 56.5
U59A	comp-Z,50nm,1.5s				
U59A	Littleton	56.22 353	P	P	11 41 53.9 -0.3
V54A	Nebo	56.26 349	P	P	11 41 54.3 -0.2
U60A	Pendleton	56.27 354	P	P	11 41 54.3 -0.2
U58A	Oxford	56.35 352	P	P	11 41 55.5 +0.3
U50A	Signal Mountai	56.39 346	IAMB	IAMB	11 41 56.1
CPCT	Cooper Cave	56.45 347	IAMB	IAMB	11 41 57.2
435B	Jarrell	56.49 332	P	P	11 41 55.9 -0.3
U57A	Blanch	56.49 352	P	P	11 41 56.2 +0.1
U56A	King	56.55 351	P	P	11 41 56.7 +0.1
V52A	Sevierville	56.63 348	IAMB	IAMB	11 41 57.8
T59A	Double "B" Far	56.80 354	IAMB	IAMB	11 41 59.9
T59A	comp-Z,42nm,1.1s				
T59A	Double "B" Far	56.80 354	P	P	11 41 58.3 -0.1
U55A	Double "B" Far	56.81 350	P	P	11 41 58.0 -0.5
U55A	comp-Z,42nm,1.1s				
U55A	Double "B" Far	56.81 350			

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N53A	Lisbon	60.99 351	I	Amb	I	Amb	11 42 28.6
N53A	Lisbon	60.99 351	P	P	P	P	11 42 27.3 -0.1
M64A	Tiverton	61.02 360	P	P	P	P	11 42 27.4 +0.0
N54A	Moraine State	61.03 352	P	P	P	P	11 42 27.9 +0.2
M58A	Price's Panora	61.07 355	P	P	P	P	11 42 28.4 +0.5
M57A	Sunshine Farm	61.09 355	I	Amb	I	Amb	11 42 30.0
M57A	Sunshine Farm	61.09 355	P	P	P	P	11 42 28.4 +0.4
N52A	McGinn's Farm	61.13 351	P	P	P	P	11 42 28.3 0.0
M59A	Waymart	61.16 356	P	P	P	P	11 42 28.8 +0.3
R40A	Maddies Statio	61.19 341	I	Amb	I	Amb	11 42 30.7
O48A	Farnland	61.21 347	P	P	P	P	11 42 28.5 -0.4
N50A	Nevada	61.33 349	P	P	P	P	11 42 29.2 -0.5
L63A	North Scituate	61.33 359	P	P	P	P	11 42 29.4 -0.2
M56A	Emporium	61.34 354	P	P	P	P	11 42 30.0 +0.2
N51A	Ashland	61.34 350	P	P	P	P	11 42 29.3 -0.5
M55A	Ridgway	61.38 353	P	P	P	P	11 42 30.3 +0.2
T35A	Sooner Cattle	61.40 337	I	Amb	I	Amb	11 42 32.2
MSTX	Muleshoe	61.53 330	I	Amb	I	Amb	11 42 33.0
MSTX	Muleshoe	61.53 330	P	P	P	P	11 42 30.7 -0.6
M54A	Oil Creek Stat	61.53 352	P	P	P	P	11 42 30.7 -0.3
M53A	W J Miller and	61.59 352	P	P	P	P	11 42 31.2 -0.2
N49A	Columbus Grove	61.66 348	P	P	P	P	11 42 30.7 -1.2
L58A	Harry Jones Me	61.69 356	P	P	P	P	11 42 33.1 +1.0
L61A	Hillsdale 1, H	61.71 358	P	P	P	P	11 42 32.7 +0.4
L57A	Andrews Acres	61.72 355	P	P	P	P	11 42 32.5 +0.1
SFIN	Lafayette	61.75 346	I	Amb	I	Amb	11 42 32.0
SFIN	Lafayette	61.75 346	P	P	P	P	11 42 31.3 -1.2
N48A	Decatur	61.76 348	P	P	P	P	11 42 31.5 -1.1
L59A	Watton	61.78 356	P	P	P	P	11 42 32.7 -0.1
M52A	Chesterland	61.79 351	I	Amb	I	Amb	11 42 33.6
M52A	Chesterland	61.79 351	P	P	P	P	11 42 32.3 -0.5
BINY	Binghamton	61.85 356	P	P	P	P	11 42 33.8 +0.6
N47A	Urbana	61.92 347	I	Amb	I	Amb	11 42 34.9
N47A	Urbana	61.92 347	P	P	P	P	11 42 32.8 -0.8
L56A	Greenwood	61.92 354	I	Amb	I	Amb	11 42 35.3
L56A	Greenwood	61.92 354	P	P	P	P	11 42 33.9 +0.2
M50A	Fremont	61.92 350	I	Amb	I	Amb	11 42 34.1
M50A	Fremont	61.92 350	P	P	P	P	11 42 32.9 -0.8
L61B	Northampton	61.94 358	P	P	P	P	11 42 33.6 -0.1
HRV	Adam Dzewonsk	61.98 359	P	P	P	P	11 42 33.5 -0.5
HRV	Adam Dzewonsk	61.98 359	P	P	P	P	11 42 33.5 -0.5
HRV	Adam Dzewonsk	61.98 359	P	P	P	P	11 42 34.0 0.0
L53A	Girard	62.04 352	P	P	P	P	11 42 33.8 -0.7
L55A	Hinsdale	62.05 354	P	P	P	P	11 42 35.1 +0.6
K62A	Royalston	62.15 359	P	P	P	P	11 42 34.5 -0.6
M49A	Liberty Center	62.16 349	P	P	P	P	11 42 34.4 -0.8
K63A	Dunstable	62.16 359	P	P	P	P	11 42 35.1 -0.1
ERPA	Erie	62.17 352	P	P	P	P	11 42 35.2 -0.1
L54A	Sinclairville	62.20 353	P	P	P	P	11 42 35.8 +0.3
TRY	Troy	62.25 358	I	Amb	I	Amb	11 42 48.4
VNA3	Neumayer Olymp	62.26 161	P	P	P	P	11 42 36.9 +1.3
K59A	Cooperstown	62.35 357	P	P	P	P	11 42 37.1 +0.5
M47A	Cromwell	62.37 347	P	P	P	P	11 42 36.6 0.0
K58A	Earlville	62.39 356	P	P	P	P	11 42 37.4 +0.6
K57A	Scipio Center	62.42 355	P	P	P	P	11 42 37.4 +0.4
HDL	Hopedale	62.45 344	P	P	P	P	11 42 37.1 -0.1
K56A	Middlesex	62.46 355	P	P	P	P	11 42 37.2 -0.1
K54A	Basilio Farm	62.50 353	P	P	P	P	11 42 37.8 +0.3
L50A	Kingsville	62.51 350	P	P	P	P	11 42 37.0 -0.5
K55A	Perry	62.55 354	P	P	P	P	11 42 38.2 +0.3
L48A	N Adams	62.70 349	P	P	P	P	11 42 37.9 -0.9
L49A	Milan	62.73 349	P	P	P	P	11 42 38.2 -0.9
J63A	Stratford	62.74 360	P	P	P	P	11 42 40.4 +1.3
J60A	Lant Hill Farm	62.76 358	P	P	P	P	11 42 39.7 +0.6
J61A	Chester	62.83 359	P	P	P	P	11 42 41.2 +1.5
VNA2	Neumayer-Watz	62.85 161	P	P	P	P	11 42 40.8 +1.2
319A	Douglas	62.86 323	I	Amb	I	Amb	11 42 42.8
ACCN	Adirondack Com	62.91 358	I	Amb	I	Amb	11 42 42.3
121A	Cookes Peak, D	62.91 325	P	P	P	P	11 42 41.1 +0.4
121A	Cookes Peak, D	62.91 325	P	P	P	P	11 42 41.8 +1.1
K52A	Tilsonburg	62.92 352	P	P	P	P	11 42 40.6 +0.4
J58A	Remsen	62.96 356	P	P	P	P	11 42 41.2 +0.6
J56A	Wolcott	62.99 355	P	P	P	P	11 42 41.5 +0.8
J59A	Piesco	63.02 357	P	P	P	P	11 42 41.5 +0.5
J57A	Williamstown	63.06 356	P	P	P	P	11 42 41.5 +0.3
J55A	Hilton	63.06 354	P	P	P	P	11 42 41.5 +0.3
J54A	Appleton	63.15 354	P	P	P	P	11 42 42.2 +0.4
K50A	Casco	63.19 350	P	P	P	P	11 42 42.1 0.0
I58A	Old Forge	63.27 357	P	P	P	P	11 42 43.0 +0.4
I59A	Oldsteadville	63.33 358	P	P	P	P	11 42 43.6 +0.7
J52A	Paris	63.34 352	P	P	P	P	11 42 43.0 -0.1
I62A	Tamworth	63.34 360	P	P	P	P	11 42 43.6 +0.6
I60A	Shoreham	63.35 358	P	P	P	P	11 42 43.6 +0.5
KSU1	Kansas State U	63.37 338	P	P	P	P	11 42 43.6 +0.3
I64A	Boothbay	63.39 1	P	P	P	P	11 42 43.4 0.0
I61A	Oroboro, Fair	63.41 359	P	P	P	P	11 42 44.5 +1.0

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K48A	Perry	63.47 349	P	P	P	P	11 42 43.3 -0.7
K47A	Vermontville	63.51 348	P	P	P	P	11 42 43.5 -0.7
NCB	Newcomb	63.51 357	I	Amb	I	Amb	11 43 02.6
I63A	Otisfield	63.52 0	P	P	P	P	11 42 44.7 +0.5
R32A	Long Quarter	63.55 336	I	Amb	I	Amb	11 42 47.7
I57A	Carthage	63.56 356	P	P	P	P	11 42 44.5 0.0
L44A	Lake County Fo	63.65 346	P	P	P	P	11 42 44.9 -0.2
LBNH	Lisbon	63.71 359	P	P	P	P	11 42 46.2 +0.7
J49A	Marlette	63.84 350	P	P	P	P	11 42 45.7 -0.7
J48A	Bridge Port	63.89 349	P	P	P	P	11 42 46.4 -0.3
H58A	Gabriels	63.96 357	P	P	P	P	11 42 47.5 +0.3
I51A	baz=176,SNR=6.6	63.96 352	P	P	P	P	11 42 46.6 -0.5
I55A	Frankford	63.99 354	P	P	P	P	11 42 47.1 -0.2
H61A	Lyndonville	64.01 359	P	P	P	P	11 42 48.0 +0.5
J47A	Summer	64.02 349	P	P	P	P	11 42 47.0 -0.6
H62A	Milan	64.04 360	P	P	P	P	11 42 48.1 +0.4
H60A	Morristown	64.05 358	P	P	P	P	11 42 48.1 +0.3
H57A	Richville	64.07 356	P	P	P	P	11 42 47.9 +0.1
ANMO	Albquerque	64.11 328	P	P	P	P	11 42 49.2 +0.6
ANMO	Albquerque	64.11 328	eP	P	P	P	11 42 49.5 +0.9
ANMO	Albquerque	64.11 328	P	P	P	P	11 42 48.8 +0.3
ANMO	Albquerque	64.11 328	P	P	P	P	11 42 48.3 -0.3
H64A	Troy	64.12 1	P	P	P	P	11 42 48.8 +0.6
H63A	New Sharon	64.13 1	P	P	P	P	11 42 49.1 +0.8
H59A	Cadyville	64.17 358	P	P	P	P	11 42 48.9 +0.4
LONV	Lake Ozonia	64.18 357	I	Amb	I	Amb	11 42 50.3
LONV	Lake Ozonia	64.18 357	P	P	P	P	11 42 48.9 +0.3
H56A	Elgin	64.25 356	P	P	P	P	11 42 49.3 +0.2
H55A	Two Rivers	64.28 355	P	P	P	P	11 42 49.3 +0.1
DELO	Deloro Mine	64.29 355	I	Amb	I	Amb	11 42 50.5
H66A	Whiting	64.33 3	P	P	P	P	11 42 50.1 +0.6
H49A	Point Hope	64.36 350	P	P	P	P	11 42 49.6 -0.2
H53A	Bobcaygeon	64.43 356	P	P	P	P	11 42 50.2 0.0
SNA4	Sanae	64.47 161	P	P	P	P	11 42 50.9 +0.6
SNA4	Sanae	64.47 161	P	P	P	P	11 42 50.4 +0.1
SNA4	Sanae	64.47 161	P	P	P	P	11 42 50.6 +0.3
G60A	Masonville	64.58 359	P	P	P	P	11 42 52.0 +0.8
G59A	Clarenceville	64.58 358	P	P	P	P	11 42 51.4 +0.3
G63A	Kingsbury	64.59 1	P	P	P	P	11 42 51.7 +0.4
N35A	Tabor	64.60 339	P	P	P	P	11 42 50.6 -0.9
H52A	Wyevale	64.64 353	P	P	P	P	11 42 51.7 +0.1
G57A	Newington	64.68 357	P	P	P	P	11 42 52.2 +0.4
G58A	Ormsdown	64.68 357	P	P	P	P	11 42 51.9 0.0
G62A	West of Eustis	64.68 0	P	P	P	P	11 42 52.2 +0.3
G62A	West of Eustis	64.68 0	P	P	P	P	11 42 52.3 +0.4
SADO	Sadowa	64.69 353	P	P	P	P	11 42 51.2 -0.7
I47A	Gladwin	64.72 349	P	P	P	P	11 42 51.9 -0.2
G65A	Princeton	64.73 3	P	P	P	P	11 42 52.3 +0.2
H48A	Sherman Twp	64.74 350	P	P	P	P	11 42 51.1 -1.1
PKME	Peaks-Kenny Pk	64.74 1	P	P	P	P	11 42 52.6 +0.3
PKME	Peaks-Kenny Pk	64.74 1	P	P	P	P	11 42 52.5 +0.3
G64A	Maxfield	64.75 2	P	P	P	P	11 42 52.3 0.0
G61A	St-Arsene-de-	64.75 359	P	P	P	P	11 42 53.3 +1.0
SCIA	State Center	64.79 342	I	Amb	I	Amb	11 42 54.0
SCIA	State Center	64.79 342	P	P	P	P	11 42 52.1 -0.5
H46A	Reed City	64.82 348	P	P	P	P	11 42 52.2 -0.6
T25A	Trinidad	64.89 331	P	P	P	P	11 42 54.9 +1.2
JFWS	Jewell Farm	64.91 344	P	P	P	P	11 42 53.3 -0.1
G55A	Calabogie	64.94 355	P	P	P	P	11 42 53.5 0.0
G53A	Haliburton	64.98 354	P	P	P	P	11 42 53.4 -0.4
H48A	Harrisville	65.18 350	P	P	P	P	11 42 54.6 -0.5
G54A							

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Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like QSPA, EDW2, RSSD, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like LBTB, YKA, MATP, etc.

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Table with columns: Code, Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like LVC, PB10, PTGA, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like Sao Joao De Ma, Barra de Sao F, Santo Domingo, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like Calhoun, Middlesex, Windy Hill, Pi, etc.

SS2A	Salyersville	baz=164,SNR=19	58.37 349	P	P	11 50 37.4 -0.6
W41B	Gary Mavity, V	baz=155,SNR=6.2	58.38 339	P	P	11 50 37.8 -0.3
SS1A	Beattyville	baz=166	58.43 348	P	P	11 50 38.0 -0.5
R55A	Marlinton	baz=170	58.48 351	P	P	11 50 38.9 0.0
R56A	Bull Pasture M	baz=171	58.50 352	P	P	11 50 39.3 +0.2
R54A	Victor	baz=169	58.51 351	P	P	11 50 38.9 -0.1
T47A	Sharon Grove	comp=Z,56nm,0.9s	58.58 345	IAMB	IAMB	11 51 04.4
SS0A	Richmond	baz=166	58.63 347	P	P	11 50 39.0 -0.9
Q59A	Harwood	baz=165,SNR=11	58.66 355	P	P	11 50 40.1 +0.1
Q60A	Greensboro	baz=174	58.73 355	P	P	11 50 41.2 +0.7
R53A	Hurricane	comp=Z,42nm,1.2s	58.80 350	IAMB	IAMB	11 51 35.0
R53A	Hurricane	baz=168	58.80 350	P	P	11 50 40.8 -0.3
Q58A	Fox Den Farm,	baz=171,SNR=9.4	58.83 354	P	P	11 50 41.7 +0.5
S49A	Springfield	baz=164	58.92 347	P	P	11 50 41.0 -0.9
W39A	Magazine	comp=Z,57nm,1.2s	58.92 338	IAMB	IAMB	11 51 13.8
R52A	Magazine	baz=155,SNR=8.6	58.92 338	P	P	11 50 42.4 +0.4
R52A	Cattlettsburg	baz=166	58.93 349	P	P	11 50 41.3 -0.6
Q57A	Strasburg	baz=167	59.00 353	P	P	11 50 43.1 +0.7
ABTX	Abilene, Hawle	comp=Z,50nm,1.2s	59.01 332	IAMB	IAMB	11 50 54.2
ABTX	Abilene, Hawle	baz=148	59.01 332	P	P	11 50 42.6 0.0
R51A	Hillsboro	baz=166	59.07 346	P	P	11 50 42.2 -0.7
Q56A	Snyder Ridge,	baz=171,SNR=5.5	59.10 352	P	P	11 50 43.9 +0.8
Q55A	Buckhannon	baz=170	59.17 352	P	P	11 50 43.8 +0.2
R50A	Paris	comp=Z,36nm,1.1s	59.20 348	IAMB	IAMB	11 51 11.0
Q50A	Paris	baz=165	59.20 348	P	P	11 50 43.3 -0.5
R53A	Leroy	baz=168,SNR=6.6	59.25 350	P	P	11 50 44.1 0.0
Q54A	Coxs Mills	comp=Z,44nm,1.2s	59.27 351	IAMB	IAMB	11 51 42.9
Q54A	Coxs Mills	baz=169	59.27 351	P	P	11 50 44.0 -0.2
PBMO	Poplar Bluff	comp=Z,49nm,0.9s	59.28 342	IAMB	IAMB	11 51 12.5
P61A	Hammondton	baz=176	59.33 356	P	P	11 50 44.5 -0.2
P58A	Pank, Wackersv	baz=173	59.34 354	P	P	11 50 45.0 +0.3
P59A	Jarrettsville	baz=174	59.38 355	P	P	11 50 45.6 +0.6
R49A	Shelbyville	comp=Z,81nm,1.8s	59.38 347	IAMB	IAMB	11 51 28.7
R49A	Shelbyville	baz=164	59.38 347	P	P	11 50 44.3 -0.7
P57A	Homestead Farm	comp=Z,71nm,1.4s	59.40 354	IAMB	IAMB	11 50 47.8
P57A	Homestead Farm	baz=172,SNR=5.5	59.40 354	P	P	11 50 46.2 +1.1
Q52A	Bidwell	baz=168	59.47 350	P	P	11 50 45.5 -0.2
P56A	Dayton Farm, R	baz=171	59.52 353	P	P	11 50 46.3 +0.4
P60A	Greenville	baz=175	59.52 356	P	P	11 50 45.7 -0.3
WCI	Wyandotte Cave	comp=Z,38nm,1.0s	59.57 346	P	Pmax	11 50 45.7 -0.7
WCI	Wyandotte Cave	baz=163	59.57 346	P	P	11 50 45.7 -0.7
WCI	Wyandotte Cave	comp=Z,38nm,0.9s	59.57 346	IAMB	IAMB	11 51 13.4
WCI	Wyandotte Cave	baz=163	59.57 346	P	P	11 50 45.6 -0.7
PSUB	Penn St. - Bra	comp=Z,67nm,1.4s	59.62 356	IAMB	IAMB	11 50 48.4
P55A	Reedsville	baz=170	59.64 352	P	P	11 50 46.7 -0.2
U40A	Yellville	baz=156,SNR=8.4	59.65 339	P	P	11 50 46.8 -0.2
Q50A	Georgetown	baz=166	59.67 348	P	P	11 50 46.2 -0.8
Q51A	Peebles	baz=166	59.73 349	P	P	11 50 46.8 -0.6
O61A	Allentown	baz=176	59.73 357	P	P	11 50 47.0 -0.4
MVL	Millersville	comp=Z,62nm,1.3s	59.76 355	IAMB	IAMB	11 51 19.9
MWCW	Mont Chateau	baz=170	59.79 352	P	P	11 50 48.1 +0.2
P54A	Burton	baz=170,SNR=12	59.82 351	P	P	11 50 48.2 +0.1
P53A	Whipple	comp=Z,46nm,0.8s	59.84 351	IAMB	IAMB	11 51 32.7
P53A	Whipple	baz=168,SNR=7.7	59.84 351	P	P	11 50 48.1 -0.1
O58A	Lewisberry	baz=173	59.93 355	P	P	11 50 48.6 -0.2
HHAR	Hobbs	comp=Z,78nm,1.4s	59.95 339	IAMB	IAMB	11 51 16.7
O60A	Telford	baz=175	60.01 356	P	P	11 50 49.0 -0.3
Q49A	Aurora	baz=165	60.01 347	P	P	11 50 48.5 -0.8
O59A	Robesonia	baz=174	60.06 355	P	P	11 50 49.1 -0.5
O57A	Amberson	baz=173,SNR=11	60.08 354	P	P	11 50 50.6 +0.7
P52A	Corning	baz=168	60.11 350	P	P	11 50 49.2 -0.8
Q48A	North Vernon	baz=164	60.11 347	P	P	11 50 48.4 -1.6
P51A	Williamsport	baz=167	60.12 349	P	P	11 50 49.3 -0.8
O56A	Blue Knob Stat	baz=172,SNR=11	60.24 353	P	P	11 50 51.1 +0.1
U38A	Gravette	comp=Z,47nm,1.4s	60.25 338	IAMB	IAMB	11 51 11.8
O55A	Ligonier	baz=171,SNR=9.2	60.27 353	P	P	11 50 51.2 +0.1
TUL1	Leonard	comp=Z,49nm,1.1s	60.28 337	IAMB	IAMB	11 51 06.4
TUL1	Leonard	baz=153	60.28 337	P	P	11 50 50.8 -0.5
N61A	South Mountain	baz=176	60.37 357	P	P	11 50 51.6 -0.3
P50A	Jamesstown	baz=166	60.38 348	P	P	11 50 51.1 -0.8
O54A	Avella	comp=Z,3um,20.0s	60.38 352	IAMS_20	IAMS_20	12 18 10.8
O54A	Avella	baz=170	60.38 352	P	P	11 50 51.6 -0.3
WMOK	Wichita Mounta	comp=Z,14nm,1.5s	60.44 334	P	Pmax	11 50 52.5 0.0
WMOK	Wichita Mounta	baz=150	60.44 334	P	P	11 50 51.9 -0.5
OLIL	Olney	comp=Z,32nm,1.1s	60.48 345	IAMB	IAMB	11 51 22.8
P49A	Miami Univ. Ec	baz=165	60.48 348	P	P	11 50 51.7 -0.9
N62A	Caumsett State	baz=177	60.42 358	P	P	11 50 51.9 -0.9
O52A	Adamsville	comp=Z,55nm,1.4s	60.53 350	IAMB	IAMB	11 50 53.9
O52A	Adamsville	baz=168	60.53 350	P	P	11 50 52.0 -0.9
SSPA	Standing Stone	baz=172	60.53 354	P	P	11 50 53.1 +0.2
SSPA	Standing Stone	comp=Z,34nm,1.2s	60.53 354	P	P	11 50 52.8 -0.1
N60A	Cedar Hill Far	baz=175	60.54 356	P	P	11 50 52.8 -0.2
P48A	Milroy	comp=Z,34nm,1.2s	60.56 347	IAMB	IAMB	11 51 04.2
P48A	Milroy	baz=171,SNR=15	60.56 347	P	P	11 50 51.8 -1.3

O53A	New Philadelph	baz=164	60.56 351	P	P	11 50 52.7 -0.5
PAL	Palisades	comp=Z,65nm,1.3s	60.61 357	IAMB	IAMB	11 50 55.5
PAL	Palisades	baz=177	60.61 357	P	P	11 50 53.3 -0.1
N58A	Sunbury	baz=174	60.62 355	P	P	11 50 54.0 +0.5
N59A	State Game Lan	baz=175	60.63 356	P	P	11 50 53.5 -0.1
O51A	Pataskala	baz=167	60.69 350	P	P	11 50 53.4 -0.6
CCM	Cathedral Cave	comp=Z,36nm,1.1s	60.71 342	P	Pmax	11 50 53.8 -0.4
CCM	Cathedral Cave	baz=158	60.71 342	P	P	11 50 53.7 -0.4
ODNJ	Ogdensburg	comp=Z,36nm,1.3s	60.72 357	IAMB	IAMB	11 50 55.8
N55A	Marion Center	baz=171,SNR=20	60.79 353	P	P	11 50 55.1 +0.3
ACSO	Alum Creek Sta	comp=Z,49nm,1.1s	60.83 349	IAMB	IAMB	11 51 10.8
ACSO	Alum Creek Sta	baz=167,SNR=8.3	60.83 349	P	P	11 50 54.3 -0.7
N56A	West Decatur	comp=Z,37nm,1.1s	60.85 354	P	P	11 50 55.4 +0.2
O50A	Calbe	baz=166	60.86 349	P	P	11 50 54.6 -0.6
Q44A	Meyer Farm, Va	comp=Z,36nm,1.0s	60.88 344	IAMB	IAMB	11 51 20.4
M61A	Granite Spring	baz=179	60.91 357	P	P	11 50 55.5 +0.1
M63A	Gales Ferry	baz=179	60.95 359	P	P	11 50 55.8 +0.1
M60A	Port Jervis	baz=178	60.96 357	P	P	11 50 55.7 -0.2
M62A	Hamden	baz=178	61.01 358	P	P	11 50 56.1 0.0
S39A	Bolivar	comp=Z,37nm,1.1s	61.02 340	IAMB	IAMB	11 51 10.3
O49A	Covington	comp=Z,37nm,1.1s	61.04 348	IAMB	IAMB	11 51 12.0
O49A	Covington	baz=166,SNR=5.5	61.04 348	P	P	11 50 55.6 -0.8
N53A	Lisbon	comp=Z,64nm,1.3s	61.06 351	IAMB	IAMB	11 51 33.3
N53A	Lisbon	comp=Z,3um,20.0s	61.06 351	IAMS_20	IAMS_20	12 18 41.8
N53A	Lisbon	baz=169	61.06 351	P	P	11 50 56.2 -0.3
M64A	Tiverton	baz=180	61.09 360	P	P	11 50 56.5 -0.1
N54A	Moraine State	comp=Z,37nm,1.1s	61.09 352	P	P	11 50 57.0 +0.2
M58A	Price's Panora	baz=174,SNR=11	61.13 355	P	P	11 50 57.5 +0.5
M57A	Sunshine Farm,	baz=173,SNR=7.2	61.15 355	P	P	11 50 58.0 +0.8
N52A	McGinn's Farm,	baz=168	61.19 351	P	P	11 50 56.8 -0.6
M59A	Waymart	baz=175,SNR=7.8	61.23 356	P	P	11 50 58.5 +0.8
R40A	Alum Creek Sta	comp=Z,100nm,1.7s	61.24 341	IAMB	IAMB	11 51 12.1
KSPA	Keystone Colle	comp=Z,76nm,1.5s	61.26 356	IAMB	IAMB	11 50 59.9
O48A	Farmland	baz=165,SNR=7.4	61.27 348	P	P	11 50 56.7 -1.3
KSCT	Kent School, K	comp=Z,70nm,1.4s	61.31 358	IAMB	IAMB	11 50 59.9
N50A	Nevada	comp=Z,37nm,1.1s	61.39 349	P	P	11 50 57.8 -0.9
M56A	Emporium	baz=172,SNR=11	61.40 354	P	P	11 50 59.2 +0.4
N51A	Ashland	comp=Z,32nm,1.0s	61.40 350	IAMB	IAMB	11 51 14.4
N51A	Ashland	baz=168	61.40 350	P	P	11 50 58.0 -0.8
L63A	North Scituate	baz=179,SNR=5.2	61.40 359	P	P	11 50 58.9 +0.1
T35A	Socorro	comp=Z,47nm,1.1s	61.44 337	IAMB	IAMB	11 51 24.7
M55A	Ridgway	baz=172,SNR=16	61.45 353	P	P	11 50 59.3 +0.1
L64A	Middleborough	baz=170	61.47 360	P	P	11 51 00.0 +0.8
MSTX	Muleshoe	comp=Z,63nm,1.2s	61.57 330	IAMB	IAMB	11 51 12.1
MSTX	Muleshoe	baz=166	61.57 330	P	P	11 51 00.3 +0.1
M54A	Oil Creek Stat	baz=171,SNR=12	61.59 352	P	P	11 51 00.1 0.0
L60A	Shokan	baz=176	61.60 357	P	P	11 51 00.7 +0.5
M53A	WI Miller and	baz=170,SNR=6.6	61.66 352	P	P	11 51 00.1 -0.4
SRIG	Santa Rosalia	comp=Z,30nm,1.1s	61.70 318	IAMB	IAMB	11 51 01.0 -0.2
N49A	Columbus Grove	baz=166,SNR=15	61.72 349	P	P	11 50 60.0 -1.0
L58A	Harry Jones Me	comp=Z,74nm,1.5s	61.76 356	P	P	11 51 01.3 0.0
M51A	Elyria	baz=168	61.77 350	P	P	11 51 00.3 -1.0
L61A	Hillsdale 1, H	baz=177	61.78 358	P	P	11 51 01.4 +0.1
L57A	Andrews Acres	baz=174	61.79 355	P	P	11 50 60.0 -1.5
SFIN	Lafayette	comp=Z,30nm,1.0s	61.80 346	IAMB	IAMB	11 51 09.3
SFIN	Lafayette	baz=163,SNR=6.7	61.80 346	P	P	11 51 00.0 -1.5
AMTX	Amarillo	baz=147	61.82 331	P	P	11 51 01.2 -0.8
N48A	Decatur	baz=165,SNR=6.1	61.82 348	P	P	11 51 00.7 -0.9

24d 11h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like HAL Halifax, HALA Halifac, HALO Halifac, etc.

2014 MAR

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like D53A Lac Vacive, Po, LATQ La Tuque, LATQ La Tuque, etc.

1358

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like TPNV Popohap Spring, SC2Z Santa Cruz Isl, FURC Furnace Creek, etc.

Table with columns: IODZ, Swisshome, 79.93 324, P, P, 11 52 51.3 -0.6, etc. Lists various locations and their associated data points.

Table with columns: KLMR, Klimovskoe, 117.04 31, ePKIKP, PKPdf, 11 59 23.6 -3.6, etc. Lists various locations and their associated data points.

Table with columns: DGZ, Jazzator, Alta, 145.53 25, i/PKIKP, PKPab, 12 00 22.6 +1.2, etc. Lists various locations and their associated data points.

24d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, CHIANG MAI, CHTO, etc.

IDC 24 11:43:22.81.3, 1.2, 128'N:86.14W, h0km, mb3.5/5, mb1 3.9/8, mb1mx3.8/50, mbtmp3.6/6, ML3.3/3, Error ellipse: s-maj=63.2km s-min=19.9km az=65.0

UCR 24 11:43:26.2.2.2, 1.1, 71'N:86.96W, h24km, 11km, MD4.2, ML3.7

INET 24 11:43:26.9.11.66N:87.00W, h19km, ML4.2 SNET 24 11:43:26.0.0.8, 1.1, 63'N:87.18W, h20km, ML3.8

ISC 24 11:43:25.8.1.5, 11.89N:0.06, 86.96W, 0.06, h3km, 12km, n41, c138/49, mb3.4/5, 1C, Near coast of Nicaragua

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GPS3, LIM1, CUI1, etc.

IDC 24 11:46:21.1.3.0, 5.41S:147.42E, h175km, 28km, mb3.5/8, mb1 3.8/11, mb1mx3.4/47, mbtmp4.1/11, MS3.4/1, Ms1 3.4/11, ms1mx2.8/34, Error ellipse: s-maj=30.2km s-min=19.9km az=105.0

NEIC 24 11:46:23.7.1.3, 5.52S:0.06, 147.3E, 0.1, h200km, 5km, mb4.3/25, Error ellipse: s-maj=19.0km s-min=9.2km az=95.0

ISC 24 11:46:23.4.0.5, 5.57S:0.06, 147.27E, 0.09, h200km, n48, c1528/49, mb4.2/18, Eastern New Guinea region

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

2014 MAR

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

GUC 24 11:48:39.8.0.6, 19.83S:70.94W, h33km, 3km, ML3.4 SJA 24 11:48:41.5.0.9, 20.29S:71.14W, h65km, 60km, ML3.5, MW3.3

ISC 24 11:48:37.8.2.5, 19.85S:0.05, 71.01W, 0.09, h28km, 22km, n16, c1910/22, 2C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSCG, TA01, PATCX, etc.

IDC 24 11:52:58.1.0.8, 19.60S:70.57W, h0km, mb4.0/8, mb1 4.3/11, mb1mx4.1/33, mbtmp4.1/11, ML4.0/3, Error ellipse: s-maj=26.5km s-min=14.8km az=63.0

NEIC 24 11:53:01.2.1.9, 19.71S:0.03, 70.78W, 0.05, h22km, 4km, mb4.5/15, Error ellipse: s-maj=6.7km s-min=3.0km az=109.0

GUC 24 11:53:02.7.0.7, 19.71S:70.70W, h44km, 2km, ML4.2 ISC 24 11:53:00.4.1.2, 19.66S:0.03, 70.69W, 0.05, h16km, 7km, n76, c1925/83, mb4.5/11, 4C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSCG, TA01, PATCX, etc.

1360

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

MAN 24 11:56:19.7.12N:123.52E, h7km, mb4.4, ML3.2, MS3.2, 1C-2D, Mindanao

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

HEL 24 11:57:02.9.0.4, 61.60N:23.95E, h0km, ML1.0, Explosion, Finland

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

IDC 24 12:04:18.6.1.1, 7.47S:156.18E, h0km, mb4.0/10, mb1 4.1/11, mb1mx3.9/43, mbtmp4.0/11, ML3.6/1, Error ellipse: s-maj=31.8km s-min=25.6km az=107.0

ISC 24 12:04:25.1.0.7, 7.5S:0.2, 156.1E, 0.1, h44km, n15, c1531/13, mb4.1/10, Bougainville-Solomon Islands region

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

L53A	Girard	62.06 352	P	P	12 43 09.4 -0.4
L55A	Hinsdale	62.08 354	P	P	12 43 10.8 +0.9
K62A	Royalston	62.17 359	P	P	12 43 11.0 +0.6
M49A	Liberty Center	62.18 349	P	P	12 43 10.5 -0.1
K63A	Dunstable	62.18 359	P	P	12 43 11.2 +0.7
ERPA	Erie	62.19 352	P	P	12 43 11.1 +0.5
K61A	Williamstown	62.20 358	P	P	12 43 12.0 +1.3
L54A	Sinclairville	62.22 353	P	P	12 43 10.9 0.0
VNA3	Neumayer Olymp	62.24 161	P	P	12 43 12.5 +1.8
K59A	Cooperstown	62.38 357	P	P	12 43 13.0 +1.1
K58A	Earlville	62.41 356	P	P	12 43 12.7 +0.5
K57A	Scipio Center	62.44 355	P	P	12 43 13.1 +0.7
VNA1	Neumayer-Stat	62.47 161	P	P	12 43 14.3 +2.1
K54A	Basiliiko Farm,	62.52 353	P	P	12 43 14.0 +1.1
K55A	Perry	62.58 354	P	P	12 43 14.1 +0.8
J63A	Stratford	62.77 360	P	P	12 43 15.0 +0.6
J60A	Lant Hill Farm	62.78 358	P	P	12 43 15.5 +0.9
VNA2	Neumayer-Watz	62.83 161	P	P	12 43 15.5 +0.9
K52A	Tilsonburg	62.94 352	P	P	12 43 15.9 +0.3
J59A	Piesco	63.04 357	P	P	12 43 17.0 +0.6
J57A	Williamstown	63.08 356	P	P	12 43 17.2 +0.7
J55A	Hilton	63.09 354	P	P	12 43 17.1 +0.6
J54A	Appleton	63.17 354	P	P	12 43 19.3 +2.1
J58A	Old Forge	63.29 357	P	P	12 43 18.0 -0.1
I52A	Paris	63.36 352	P	P	12 43 17.9 -0.5
I60A	Shoreham	63.37 358	P	P	12 43 19.4 +0.9
I61A	Oroboro, Fairl	63.43 359	P	P	12 43 19.8 +0.9
K48A	Perry	63.49 349	P	P	12 43 19.0 -0.3
K47A	Vermontville	63.52 348	P	P	12 43 19.2 -0.3
I57A	Carthage	63.58 356	P	P	12 43 20.8 +0.9
LBNH	Lisbon	63.73 359	P	P	12 43 22.1 +1.2
J49A	Marlette	63.87 350	P	P	12 43 21.1 -0.7
J48A	Bridge Port	63.91 349	P	P	12 43 22.3 +0.3
H58A	Gabriels	63.98 357	P	P	12 43 22.7 +1.2
I51A	Listowel	63.98 352	P	P	12 43 22.8 +0.3
I55A	Frankford	64.02 354	P	P	12 43 23.8 +1.1
H61A	Lyndonville	64.03 359	P	P	12 43 23.7 +0.9
J47A	Summer	64.04 349	P	P	12 43 22.9 0.0
H62A	Milan	64.06 360	P	P	12 43 24.1 +1.0
H60A	Morristown	64.07 358	P	P	12 43 23.9 +0.8
H57A	Richville	64.09 356	P	P	12 43 23.9 +0.7
ANMO	Albuerque	64.12 328	P	P	12 43 23.8 -0.1
ANMO	Albuerque	64.12 328	P	P	12 43 25.0 +1.1
H64A	Troy	64.14 1	P	P	12 43 24.5 +0.9
H63A	New Sharon	64.15 1	P	P	12 43 24.8 +1.2
H59A	Cadyville	64.19 358	P	P	12 43 24.8 +0.9
LONY	Lake Ozonia	64.20 357	P	P	12 43 24.6 +0.7
H56A	Elgin	64.27 356	P	P	12 43 25.7 +1.3
H55A	Tweed	64.30 355	P	P	12 43 24.9 +0.3
H66A	Whiting	64.35 3	P	P	12 43 25.3 +0.4
I49A	Point Hope	64.38 350	P	P	12 43 25.0 -0.1
L40A	Anamosa	64.39 343	Iamb	Iamb	12 43 26.3
SNA4	Sanae	64.45 161	P	P	12 43 26.8 +1.4
SNA4	Sanae	64.45 161	P	P	12 43 26.0 +0.6
H53A	Mobaygeon	64.45 354	P	P	12 43 25.8 +0.2
G60A	Masonville	64.46 359	P	P	12 43 27.7 +1.1
G59A	Clarenceville	64.60 358	P	P	12 43 27.6 +1.1
G63A	Kingsbury	64.61 1	P	P	12 43 28.1 +1.5
G57A	Newington	64.70 357	P	P	12 43 28.0 +0.8
G58A	Ormswain	64.70 357	P	P	12 43 28.1 +0.9
G62A	West of Eustis	64.71 0	P	P	12 43 27.8 +0.6
G62A	West of Eustis	64.71 0	P	P	12 43 28.1 +0.9
I48A	Sherman Twp	64.76 350	P	P	12 43 26.7 -0.9
PKME	Peaks-Kenny Pk	64.77 1	P	P	12 43 28.2 +0.6
G61A	St-Isidore-de-	64.77 359	P	P	12 43 28.7 +1.0
SCIA	State Center	64.81 342	P	P	12 43 28.7 +0.8
T25A	Trinidad	64.90 331	P	P	12 43 29.3 +0.3
JFWS	Jewell Farm	64.93 344	P	P	12 43 29.3 +0.6
G55A	Calabogie	64.97 355	P	P	12 43 29.5 +0.6
G53A	Haliburton	65.00 354	P	P	12 43 28.6 -0.6
H48A	Harrisville	65.20 350	P	P	12 43 30.6 +0.2
G54A	Lake Saint Pet	65.22 354	P	P	12 43 31.1 +0.5
214A	Organ Pipe Nat	65.34 321	Iamb	Iamb	12 43 35.3
214A	Organ Pipe Nat	65.34 321	P	P	12 43 32.7 +1.0
F59A	Saint Guillaume	65.36 358	P	P	12 43 33.0 +1.5
F64A	Sherman	65.39 2	P	P	12 43 32.1 +0.5
F61A	St Evariste	65.46 360	P	P	12 43 32.9 +0.8
F60A	Warwick	65.46 359	P	P	12 43 32.7 +0.6
F52A	Sundridge	65.74 353	P	P	12 43 33.4 -0.5
G47A	Hillman	65.75 350	P	P	12 43 33.5 -0.5
ALGO	Algonquin Park	65.77 354	P	P	12 43 34.1 0.0
E60A	Ste Agathe de	65.86 360	P	P	12 43 35.9 +1.3
E58A	La Victoria	65.90 358	P	P	12 43 36.1 +1.2
SDCO	Great Sand Dun	65.90 330	P	P	12 43 35.9 +0.4
E61A	Lac Etchemin	65.92 0	P	P	12 43 36.4 +1.3
G45A	Suttons Bay	65.94 349	P	P	12 43 35.3 +0.1
F51A	Arnstein	65.94 353	P	P	12 43 35.3 +0.1

E63A	Oxbow	65.94 2	P	P	12 43 35.7 +0.5
E64A	Brigewater	65.96 2	P	P	12 43 36.3 +0.9
E57A	Chemin Saint G	65.97 357	P	P	12 43 36.0 +0.5
BGNE	Belgrade	65.97 338	P	P	12 43 35.8 +0.3
F49A	Sandfield	66.05 351	P	P	12 43 35.7 -0.2
G46A	Petoskey	66.06 349	P	P	12 43 36.0 0.0
E56A	St. Veronique	66.14 357	P	P	12 43 36.7 +0.2
E52A	Mattawa	66.16 354	P	P	12 43 36.8 +0.2
E53A	Dumoine, Ponti	66.16 355	P	P	12 43 36.6 0.0
E54A	Lac Duplat, Po	66.17 355	P	P	12 43 37.3 +0.6
F48A	Evansville	66.19 351	P	P	12 43 36.9 +0.1
D60A	Saint Jean D'O	66.40 360	P	P	12 43 38.3 +0.2
E51A	G1948 Merrick	66.49 353	P	P	12 43 39.1 +0.4
E50A	Wainapitae	66.52 353	P	P	12 43 39.8 +0.9
S22A	4UR Ranch, Cre	66.53 329	P	P	12 43 39.1 -0.5
F45A	CMU Biological	66.53 349	P	P	12 43 39.0 0.0
D57A	Chemin Vers le	66.56 358	P	P	12 43 40.2 +1.0
D62A	Allapont, All	66.59 1	P	P	12 43 39.9 +0.6
D58A	Chemin du LacG	66.61 358	P	P	12 43 40.3 +0.8
D56A	ZEC Mazanza, M	66.63 357	P	P	12 43 39.7 +0.1
D55A	Saint-Anne-du	66.64 357	P	P	12 43 40.2 +0.6
D61A	St Aubert, Com	66.69 0	P	P	12 43 39.8 -0.2
Q24A	Divide	66.73 331	P	P	12 43 40.5 -0.3
E48A	Lockeys	66.77 351	P	P	12 43 40.6 0.0
D54A	Lac Fusel, La	66.85 356	P	P	12 43 41.5 +0.4
D53A	Lac Vacive, Po	66.86 355	P	P	12 43 41.5 +0.4
E47A	Iron Bridge	66.90 351	P	P	12 43 42.1 -0.2
MVCO	Mesa Verde	66.92 328	P	P	12 43 42.1 +0.1
D51A	Lot 18 Range I	67.03 354	P	P	12 43 42.5 +0.3
WU4Z	Wupatki	67.13 325	P	P	12 43 43.5 +0.2
WU4Z	Wupatki	67.13 325	P	P	12 43 44.3 -0.1
D50A	G1974 Best Tow	67.15 353	P	P	12 43 41.8 -1.2
D48A	Paush Townsh	67.40 352	P	P	12 43 43.6 -0.9
ECSD	EROS Data Cent	67.52 340	Iamb	Iamb	12 43 46.5
ECSD	EROS Data Cent	67.52 340	P	P	12 43 44.7 -0.7
ISCO	Idaho Springs	67.62 332	P	P	12 43 46.3 -0.2
ISCO	Idaho Springs	67.62 332	P	P	12 43 47.3 +0.8
PV01	Paradox Valley	67.68 329	Iamb	Iamb	12 43 50.1
PDMCI	Parker Dam,Lak	67.80 322	P	P	12 43 49.2 +1.9
SWSC	Sam W. Stewart	67.82 320	P	P	12 43 49.4 +1.9
VLDO	Val d'Or	67.86 355	Iamb	Iamb	12 43 49.0
BC3	Big Chucckawall	68.11 321	P	P	12 43 51.2 +1.8
MONP2	Monument Peak	68.16 320	P	P	12 43 51.8 +1.9
IRM	Iron Mountain	68.28 321	P	P	12 43 51.9 +1.5
U15A	North Rim	68.31 325	P	P	12 43 51.6 +0.8
D41A	Chassel	68.45 347	Iamb	Iamb	12 43 52.1
N23A	Red Feather La	68.65 332	P	P	12 43 53.3 +0.5
BELC	Belle Mtn. Jos	68.67 321	P	P	12 43 54.4 +1.4
PFO	Pinyon Flats O	68.68 320	P	P	12 43 54.0 +0.9
LSQO	Lebel-sur-Quev	68.77 356	P	P	12 43 53.5 +0.4
PHWY	Pilot Hill	68.77 333	Iamb	Iamb	12 43 55.7
GMRC	Granite Mountain	69.02 322	P	P	12 43 56.6 +1.4
O20A	White River Ci	69.09 330	P	P	12 43 56.4 +0.8
MTPU	Mount Pierson	69.45 326	P	P	12 43 58.4 +0.4
MATO	Mataigami	69.52 355	P	P	12 43 57.4 -0.2
LIC	Lamto	69.64 75	ePKP1	P	12 43 58.8 -0.4
DRLN	Des-Lacs	69.76 9	P	P	12 43 58.8 -0.4
TIC	Toumoudi	69.81 75	ePKP1	P	12 43 59.0 -1.3
BFSO	Mount Baldy Ra	69.83 320	P	P	12 44 01.8 +1.6
EYMN	Ely	69.95 345	Iamb	Iamb	12 44 14.3
EYMN	Ely	69.95 345	P	P	12 44 00.2 -0.2
KIC	Kosan Boka	69.95 75	ePKP1	P	12 43 59.8 -1.4
DBIC	Dimbokro	69.97 75	P	P	12 43 59.7 -1.6
DBIC	Dimbokro	69.97 75	P	P	12 44 00.4 -0.9
GSC	Goldstone, Bar	70.05 321	Iamb	Iamb	12 44 05.3
GSC	Goldstone, Bar	70.05 321	P	P	12 44 03.4 +2.0
K22A	Casper	70.33 333	P	P	12 44 03.8 +0.7
QSWA	South Pole Qui	70.38 180	P	P	12 44 04.0 +0.9
EDW2	Edwards Air Fo	70.47 320	P	P	12 44 04.6 +0.6
RSSD	Black Hills	70.52 335	P	P	12 44 05.5 +1.2
BLG	Laguna Peak, P	70.61 319	P	P	12 44 06.2 +1.4
LRMC	Laurel Mtn Rad	70.69 321	P	P	12 44 07.3 +1.9
TPNV	Topnotch Spring	70.88 323	P	P	12 44 08.1 +1.5
FURC	Furnace Creek,	70.89 322	P	P	12 44 08.7 +2.3
MPMC	Manual Prospec	70.98 321	P	P	12 44 08.8 +1.6
ISA	Isabella, Lake	71.29 321	P	P	12 44 10.1 +1.2
DUG	Dugway, Tooele	71.38 327	Iamb	Iamb	12 44 24.7
DUG	Dugway, Tooele	71.38 327	P	P	12 44 10.8 +1.3
AGMN	Agassiz Nation	71.41 343	P	P	12 44 10.1 +0.8
R11A	Troy Canyon, C	71.50 324	P	P	12 44 11.3 +1.0
R11A	Troy Canyon, C	71.50 324	P	P	12 44 11.7 +1.4
CWC	Cottonwood Cre	71.59 321	P	P	12 44 11.9 +1.1
PKM	Mcherson Peak	71.59 319	P	P	12 44 11.9 +1.0
BW06	Boulder Array	71.77			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pean de, Ceuta, Alboran, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nicolaou, Estremoz, Marv??o, etc.

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

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

IDC 24 13:07:11.1-1.6, 46:78N, 145:63E, h340km, 19km, mb2.7/6, mb1 2.9/12, mb1mx2.8/52, mbtmp3.5/12, Error ellipse: s-maj=23.8km s-min=16.2km az=141.0

JMA 24 13:07:12.8-0.5, 46:17N, 145:80E, h366km, M3.5

ISC 24 13:07:11.0-0.8, 46:36N, 145:75E, 0.1, h367km, n27, 1565/34, mb3.0/6, Sea of Okhotsk

Main table for station 136S, listing station names, coordinates, and technical parameters.

IDC 24 13:12:02.0-0.6, 17:24N, 119:42E, h0km, mb4.0/18, mb1 4.1/19, mb1mx4.0/60, mbtmp4.0/19, ML4.1/1, MS4.0/1, s-min=14.1km az=70.0

MAN 24 13:12:05.7, 17:33N, 119:28E, h15km, mb5.4, 7.3km

NEIC 24 13:12:09.9-1.8, 17:41N, 107:119, 48E, 0.0, h47km, 7km, mb4.4/23, Error ellipse: s-maj=11.3km s-min=9.9km az=127.0

ISC 24 13:12:05.8-2.0, 17:27N, 119:31E, 0.07, h19km, 7km, n69, 1514/75, mb4.2/17, C, Philippine Islands region

Main table for station 136S, listing station names, coordinates, and technical parameters.

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

BBOO Buckleboob 52.31 162 P P 13 21 15.6 -0.8

STKA Stephens Creek 53.34 156 P P 13 21 23.3 -0.7

STKA Stephens Creek 53.34 156 Iamb Iamb 13 21 31.5

TIXI Tiksi 54.67 4 P P 13 21 32.5 -0.7

TIXI Tiksi 54.67 4 Iamb Iamb 13 21 33.9

NRKIK Notisk 55.65 347 P P 13 21 40.5 +0.2

GEYT Alibek 56.99 304 P P 13 21 51.0 +0.5

GEYT Notisk 56.99 304 Iamb Iamb 13 21 52.8

ABKAR Abkular Array 57.19 318 P P 13 21 51.7 +0.1

BILL Bilbino 58.75 19 P P 13 22 02.7 +0.4

ILLAR Eielson Array 76.14 26 P P 13 22 55.4

TTA Talatina 72.36 29 P P 13 23 14.1 +1.0

IMAR Indian Mountain 73.14 25 P P 13 23 35.6 +0.7

TOLK Toolik Lake Re 74.47 22 P P 13 23 43.0 +0.8

MLY Manley 74.48 26 P P 13 23 44.6 +1.1

BPWA Bear Paw Mt. 74.50 27 P P 13 23 45.3 +0.7

ARNC ARCESS Array B 75.29 339 P P 13 23 46.9 -0.4

RND Redies 75.54 26 P P 13 23 48.8 -0.2

ILAR Eielson Array 76.14 26 P P 13 23 52.1 -0.2

ILAR Eielson Array 76.14 26 P P 13 23 55.2 -1.1

BLMAR Burmt Mountain 76.53 23 P P 13 23 55.5 +1.1

FINES FINESS Array B 76.53 330 P P 13 23 54.3 -0.2

FINES FINESS Array B 76.53 330 P P 13 23 54.1 -0.4

BFSR Beaver Creek A 78.73 27 P P 13 24 08.0 +1.1

HCAF Hagfors 82.72 331 P P 13 24 27.6 -0.5

NB2 NORSAR Subarra 83.49 332 P P 13 24 31.6 -0.6

NOA NORSAR Array B 83.49 332 P P 13 24 31.3 -1.0

TXAR Lajitas Array 117.81 42 PKPdf PKPdf 13 30 51.8 0.0

SDV Santo Domingo 152.21 21 PKPbc PKPbc 13 32 01.0 -0.5

IDC 24 13:12:41.0-0.8, 19:60S, 70:73W, h0km, mb3.8/8, mb1 4.1/11, mb1mx4.0/34, mbtmp3.9/11, ML3.9/3, Error ellipse: s-maj=27.4km s-min=14.7km az=68.0

NEIC 24 13:12:43.8, 19:81S, 71:04W, h29km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr:1.24; Mtheta:0.43; Mphi:-1.67; Mxx:0.28; Myy:0.28; Mzz:0.67; Fault plane solution: M1, 69.000°/101° N1P1, 162.62000°, 558.62000°, 1.77.78000°. NP2, 35.19000°, 333.45000°, 1.09.13000°. Principal axes: T1 4.531, P1 73.000°, Azm141.0000°; N 0.4333, P10.0000°, Azm169.0000°; P -1.8664, P1g13.0000°, Azm261.0000°.

NEIC 24 13:12:43.5-2.2, 19:78S, 0:04, 70:81W, 0.02, h16km, 4km, mb4.3/5, Mwr4.1/36, Error ellipse: s-maj=6.2km s-min=1.8km az=165.0

GUC 24 13:12:45.6-0.8, 19:79S, 70:81W, h33km, 3km, ML4.1

ISC 24 13:12:41.6-2.2, 19:75S, 0:03, 70:89W, 0.06, h6km, 14km, n55, 15104/57, mb3.8/7, 4C-7D, Near coast of northern Chile

Main table for station 140 MAR, listing station names, coordinates, and technical parameters.

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

comp=2.1, 4nm, 0.6s, baz=258, slow=0.5, SNR=11

GSPA South Pole Uto 70.39 180 Iamb Iamb 13 23 59.2

PDAR Pinedale Array 71.72 331 P P 13 24 05.1 +0.3

NVAR Mina Array 73.02 323 P P 13 24 13.0 +0.4

YNE Yellowstone No 73.68 332 P P 13 24 18.0 +1.6

TORD Torodi Arr. 78.55 71 P P 13 24 43.3 -1.2

YKA Yellowknife Arr 88.96 341 P P 13 23 36.6 -0.1

H1S2 WAKE ISLAND Hyt25.81 279 T T 15 51 01.0

H1S1 WAKE ISLAND Hyt25.82 279 T T 15 51 01.8

H1S3 WAKE ISLAND Hyt25.83 279 T T 15 51 05.2

H1S4 WAKE ISLAND Hyt25.84 279 T T 15 51 03.8

H1S5 WAKE ISLAND Hyt25.85 279 T T 15 51 06.5

H1S6 WAKE ISLAND Hyt25.86 279 T T 15 51 05.9

MKAR Makanchi Array 145.28 33 PKPbc PKPbc 13 32 20.4 0.0

WEL 24 13:14:56.7, 40:75S, 0:16, 175:8E, 0.8, h24km, 1km, M3.7/85, ML3.9/19, MLv3.7/85, Error ellipse: s-maj=0.0km s-min=0.0km az=104.2, North Island

Main table for station 24d 13h, listing station names, coordinates, and technical parameters.

IDC 24 13:19:49.8, 1:3, 6:96S, 130:15E, h0km, mb3.7/3, mb1 4.3/7, mb1mx3.8/47, mbtmp4.2/7, ML4.4/4, Error ellipse: s-maj=48.8km s-min=20.1km az=75.0

DJA 24 13:19:56.8, 0:3, 7:52, 133:1E, h145km, 9km, M4.4/13, mb5.1/5, mb4.3/12, MLv4.4/13, Mw(MB)4.5/5

NEIC 24 13:19:57.2, 0:1, 6:87S, 0:07, 130:5E, 0.2, h133km, 20km, mb4.2/3, Error ellipse: s-maj=22.7km s-min=10.7km az=82-86

ISC 24 13:19:57.5-0.6, 6:92S, 0:05, 130:83E, 0:08, h150km, n40, 2538/41, mb3.6/4, Banda Sea

Main table for station 24d 13h, listing station names, coordinates, and technical parameters.

Table with columns: ATFO, AML, AML, comp=E, 150um, 0.5s, etc. Includes various astronomical observations and their parameters.

Table with columns: PATCX, Punta Patache, 1.37 157/P, Pn, P, 15 46 56.0 -0.3, etc. Lists astronomical objects and their characteristics.

Table with columns: SDV, Santo Domingo, 28.26 0 eP, P, 15 51 23.3 -0.8, etc. Lists astronomical objects and their characteristics.

24d 15h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like FCAR Ozark Folk Cen, 145A Paducah, ABTX Abilene, Hawle, etc.

2014 MAR

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like O54A comp=Z,4um,22.0s, O54A Avella, FNO Franklin, etc.

1370

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like N51A Ashland, N51A comp=Z,85nm,1.5s, N51A comp=Z,3um,21.0s, etc.

K58A	comp=Z,2um,18.0s	IAMS_20	IAMS_20	16 26 10.1
K58A	Earlville baz=175,SNR=8.0	62.17 356	P P	15 55 52.2 +0.5
K57A	Scipio Center baz=174	62.20 355	P P	15 55 51.9 0.0
K56A	Middlesex baz=173	62.23 354	P P	15 55 52.2 0.0
HDIL	Hopedale comp=Z,36nm,0.7s	62.25 344	P P	15 55 51.2 -1.0
HDIL			IAmb IAmb	15 56 20.1
HDIL			IAMS_20 IAMS_20	16 24 41.0
HDIL	comp=Z,2um,21.0s	62.25 344	P P	15 55 51.3 -1.0
HDIL	Hopedale baz=160	62.25 344	P P	15 55 51.3 -1.0
K45A	Basilliko Farm, baz=172,SNR=12	62.28 353	P P	15 55 53.3 +0.8
L50A	Kingsville baz=167	62.29 350	P P	15 55 51.8 -0.7
K55A	Perry baz=172,SNR=5.3	62.33 354	P P	15 55 53.0 +0.2
VNA3	Neumayer Olymp 62A	62.46 161	P P	15 55 54.7 +1.3
J62A	Henniker baz=179	62.47 359	P P	15 55 53.7 0.0
L48A	N Adams baz=166,SNR=11	62.48 348	P P	15 55 52.8 -1.0
J63A	Stratford baz=180	62.52 360	P P	15 55 54.2 +0.2
L49A	Milan baz=166	62.52 349	P P	15 55 53.5 -0.6
J60A	Lant Hill Farm baz=177	62.53 358	P P	15 55 55.1 +1.1
J61A	Chester baz=178	62.60 358	P P	15 55 55.7 +1.1
P38A	Dawn	62.61 340	P P	15 55 53.6 -1.1
P38A			IAmb IAmb	15 56 18.9
ACCN	Adirondack Com	62.68 358	P P	15 55 55.0 -0.1
ACCN			IAmb IAmb	15 55 57.5
VNA1	Neumayer-Stat AAM	62.68 161	P P	15 55 56.3 +1.5
AAM	Ann Arbor comp=Z,3um,18.0s	62.69 349	IAMS_20 IAMS_20	16 27 11.7
AAM	Ann Arbor baz=179	62.69 349	P P	15 55 54.7 -0.5
K52A	Tilsonburg baz=170,SNR=5.3	62.70 352	P P	15 55 54.9 -0.3
319A	Douglas	62.72 323	P P	15 55 56.5 +0.7
319A			IAmb IAmb	15 56 17.0
319A	comp=Z,76nm,1.4s		IAMS_20 IAMS_20	16 20 08.9
M44A	Midewin, Midew M44A	62.72 345	P P	15 55 54.0 -1.4
M44A			IAmb IAmb	15 55 55.5
M44A	comp=Z,89nm,1.7s		IAMS_20 IAMS_20	16 23 48.7
J58A	Remsen	62.74 356	P P	15 55 55.2 -0.3
J58A			IAmb IAmb	15 55 57.7
J58A	comp=Z,87nm,1.6s		IAMS_20 IAMS_20	16 23 36.2
J58A	Remsen comp=Z,2um,20.0s	62.74 356	P P	15 55 56.3 +0.8
J58A	Remsen baz=175	62.75 351	P P	15 55 55.2 -0.4
K51A	Iona Station baz=169	62.77 325	P P	15 55 57.3 +1.2
121A	Cookes Peak, D	62.77 352	P P	15 55 57.3 +1.2
121A			IAmb IAmb	15 56 07.2
121A	comp=Z,84nm,1.6s		IAMS_20 IAMS_20	16 23 00.7
121A	comp=Z,3um,19.0s	62.77 325	P P	15 55 56.9 +0.8
121A	Cookes Peak, D baz=140,SNR=14	62.77 355	P P	15 55 55.4 -0.2
J56A	Wolcott	62.77 355	P P	15 55 55.8 +0.1
J56A	Wolcott baz=174	62.80 357	P P	15 55 56.1 +0.2
J59A	Piesco	62.80 357	P P	15 55 56.9 +1.0
J59A			IAMS_20 IAMS_20	16 23 22.8
J59A	comp=Z,3um,21.0s	62.80 357	P P	15 55 56.9 +1.0
J59A	Piesco baz=176,SNR=11	62.81 354	P P	15 55 55.4 -0.5
MEDO	Medina	62.81 354	P P	15 55 57.8
MEDO			IAmb IAmb	15 56 25.9
MEDO	comp=Z,53nm,1.0s		IAMS_20 IAMS_20	16 26 25.9
N41A	Harden Midland N41A	62.81 343	P P	15 55 54.7 -1.3
N41A			IAMS_20 IAMS_20	16 27 41.8
J57A	Williamstown	62.83 356	P P	15 55 55.9 -0.2
J57A			IAmb IAmb	15 55 58.0
J57A	comp=Z,96nm,1.5s		IAMS_20 IAMS_20	16 26 30.7
J57A	Williamstown comp=Z,2um,18.0s	62.83 356	P P	15 55 56.5 +0.3
J57A	Williamstown baz=174,SNR=6.5	62.84 354	P P	15 55 54.6 -1.5
J55A	Hilton	62.84 354	P P	15 55 56.4 +0.2
J55A			IAMS_20 IAMS_20	16 24 45.9
J55A	comp=Z,2um,20.0s	62.84 354	P P	15 55 56.4 +0.2
J55A	Hilton baz=173	62.92 347	P P	15 55 54.9 -1.9
L46A	Eue Claire	62.92 347	P P	15 56 34.6
L46A			IAmb IAmb	15 56 34.6
L46A	comp=Z,56nm,1.0s		IAMS_20 IAMS_20	16 23 35.6
L46A	comp=Z,3um,21.0s	62.92 347	P P	15 55 55.1 -1.7
L46A	Eue Claire baz=164	62.93 354	P P	15 55 56.9 +0.1
J54A	Appleton	62.93 354	P P	15 55 56.9 +0.1
J54A			IAMS_20 IAMS_20	16 23 50.3
J54A	comp=Z,2um,22.0s	62.93 354	P P	15 55 56.4 -0.4
J54A	Appleton baz=172	62.96 359	IAMS_20 IAMS_20	16 24 33.1
HNH	Hanover	62.96 359	IAMS_20 IAMS_20	16 24 33.1
K50A	comp=Z,2um,20.0s	62.98 350	P P	15 55 56.4 -0.6
K50A	Casco baz=168	62.98 350	P P	15 55 55.9 -1.1
VNA2	Neumayer-Watz baz=277,slow=6.9	63.04 161	P P	15 55 58.6 +1.3
I58A	Old Forge baz=176,SNR=8.3	63.05 357	P P	15 55 58.1 +0.5
I59A	Olmsteadville baz=177	63.01 357	P P	15 55 58.2 +0.3
I62A	Tamworth	63.11 359	IAMS_20 IAMS_20	16 22 14.2
I62A	Tamworth comp=Z,2um,22.0s	63.11 359	P P	15 55 58.5 +0.5
J52A	Paris	63.12 352	P P	15 55 58.1 0.0
K49A	Clarkson baz=167	63.12 350	P P	15 55 56.9 -1.2
I60A	Shoreham baz=177	63.12 358	P P	15 55 58.6 +0.6
I64A	Boothbay baz=181	63.16 1 P	P P	15 55 58.7 +0.5
KSU1	Kansas State U KSU1	63.18 338	P P	15 55 57.7 -0.8
KSU1			IAmb IAmb	15 57 42.5
I61A	Oroboro, Fairl baz=178,SNR=8.3	63.18 359	P P	15 55 59.4 +1.0
K48A	Perry baz=166,SNR=9.8	63.26 349	P P	15 55 58.2 -0.7
I63A	Otisfield comp=Z,3um,22.0s	63.29 0 P	IAMS_20 IAMS_20	16 22 27.8
I63A	Otisfield	63.29 0 P	P P	15 55 58.7 -0.4
NCB	Newcomb	63.29 357	P P	15 55 59.3 +0.2
NCB			IAMS_20 IAMS_20	16 23 03.9
K47A	Vermontville comp=Z,2um,21.0s	63.29 348	P P	15 55 58.4 -0.7
K47A	Vermontville baz=165,SNR=5.5	63.34 356	P P	15 55 59.7 +0.2
I57A	Carthage baz=175,SNR=5.3	63.37 336	P P	15 55 59.5 -0.4
R32A	Long Quarter, R32A	63.37 336	P P	15 55 59.5 -0.4
R32A			IAmb IAmb	15 56 27.2
PECO	Prince Edward	63.43 355	P P	15 55 59.7 -0.3
PECO			IAmb IAmb	15 56 01.9
L44A	Lake County Fo L44A	63.44 346	P P	15 55 59.1 -1.0
L44A	Lake County Fo baz=162	63.44 346	P P	15 55 58.9 -1.3
K46A	Dorr baz=164	63.46 348	P P	15 55 59.2 -1.1
LBNH	Lisbon	63.48 359	P P	15 56 01.1 +0.7
LBNH			pmax pmax	

LBNH	comp=Z,65nm,1.2s	63.48 359	P P	15 56 01.1 +0.7
LBNH			IAmb IAmb	15 56 02.3
LBNH	comp=Z,65nm,1.2s		IAMS_20 IAMS_20	16 22 50.1
LBNH	Lisbon baz=179	63.48 359	P P	15 56 01.2 +0.7
Y22D	IRIS PASCAL I baz=142	63.50 327	P P	15 56 01.5 +0.6
I53A	Kortright Cn E baz=171	63.58 353	P P	15 56 01.1 +0.1
J49A	Marlette baz=157,SNR=5.8	63.63 350	P P	15 56 00.2 -1.2
J48A	Bridge Port	63.68 349	P P	15 56 00.9 -0.8
J48A			IAMS_20 IAMS_20	16 25 09.9
J48A	comp=Z,3um,22.0s	63.68 349	P P	15 56 01.0 -0.8
J48A	Bridge Port baz=166,SNR=6.1	63.70 344	P P	15 56 00.7 -1.2
L42A	Oliver, Polo L42A	63.70 344	P P	15 56 00.7 -1.2
L42A			IAmb IAmb	15 56 14.6
L42A	comp=Z,71nm,1.4s		IAMS_20 IAMS_20	16 28 25.6
H58A	Gabriels baz=176,SNR=9.4	63.73 357	P P	15 56 02.6 +0.5
I51A	Listowel baz=169,SNR=12	63.74 352	P P	15 56 01.7 -0.4
I55A	Frankford	63.77 354	P P	15 56 02.6 +0.3
H61A	Lyndonville baz=173,SNR=7.7	63.78 359	P P	15 56 03.3 +0.9
WVW	Waterville	63.81 1 P	P P	15 56 03.3 +0.8
WVW			IAmb IAmb	15 56 04.9
WVW	comp=Z,71nm,1.4s		IAMS_20 IAMS_20	16 22 41.7
J47A	Summer	63.81 349	P P	15 56 01.5 -1.0
J47A			IAMS_20 IAMS_20	16 26 56.6
J47A	comp=Z,2um,19.0s	63.81 349	P P	15 56 01.7 -0.8
J47A	Summer baz=165	63.81 360	IAMS_20 IAMS_20	16 22 45.7
H62A	Milan comp=Z,3um,22.0s	63.81 360	P P	15 56 03.1 +0.5
H62A	Milan baz=180	63.81 360	P P	15 56 03.1 +0.5
H60A	Morristown baz=178	63.82 358	P P	15 56 03.4 +0.4
H57A	Richville baz=175,SNR=15	63.82 356	P P	15 56 03.1 +0.4
H64A	Troy baz=182,SNR=0.5	63.89 1 P	P P	15 56 04.0 +0.9
H63A	New Sharon baz=181	63.90 1 P	P P	15 56 03.9 +0.8
H59A	Cadyville baz=177,SNR=8.3	63.94 358	P P	15 56 04.2 +0.8
ANMO	Albuquerque ANMO	63.95 328 eP	P P	15 56 03.7 -0.3
ANMO	Albuquerque ANMO	63.95 328 P	IAmb IAmb	15 56 06.6
ANMO	comp=Z,63nm,1.9s	63.95 328	P P	15 56 05.0 +1.0
ANMO	Albuquerque baz=142	63.95 357	P P	15 56 04.0 +0.5
LONY	Lake Ozonia LONY	63.95 357	IAMS_20 IAMS_20	16 23 57.4
LONY	Lake Ozonia baz=176,SNR=6.7	63.95 357	P P	15 56 04.1 +0.5
H65A	Eastbrook baz=183	63.97 2 P	P P	15 56 04.3 +0.7
EMMW	Said Machias comp=Z,2um,22.0s	64.02 3 IAMS_20	IAMS_20 IAMS_20	16 22 42.1
H56A	Elgin baz=174,SNR=9.5	64.03 356	P P	15 56 04.3 +0.4
K43A	Burlington K43A	64.04 346	IAMS_20 IAMS_20	16 24 39.5
H55A	Tweed baz=179,SNR=22.0s	64.06 355	P P	15 56 04.6 +0.5
DELO	Deloro Mine	64.06 355	P P	15 56 04.2 -0.1
DELO			IAMS_20 IAMS_20	16 25 34.7
J46A	Howard City baz=164	64.07 348	P P	15 56 03.3 -1.0
H66A	Whiting baz=184	64.10 3 P	P P	15 56 04.8 +0.3
CBKS	Cedar Bluff	64.11 335	P P	15 56 04.8 +0.1
CBKS			pmax pmax	
CBKS	comp=Z,139nm,1.7s		MLR MLR	
CBKS	comp=Z,90nm,19.0s	64.11 335	P P	15 56 04.8 +0.1
CBKS	Cedar Bluff baz=180	64.11 335	P P	15 56 05.0 +0.3
FRNY	Flat Rock	64.12 358	P P	15 56 04.9 +0.3
FRNY			IAMS_20 IAMS_20	16 23 03.9
I49A	Point Hope I49A	64.14 350	P P	15 56 04.0 -0.7
I49A	Point Hope baz=168,SNR=7.3	64.14 350	P P	15 56 04.1 -0.7
L40A	Anamosa L40A	64.17 343	P P	15 56 04.3 -0.7
L40A			IAMS_20 IAMS_20	16 26 02.8
HAL	Halifax	64.20 6 P	pmax pmax	15 56 05.5 +0.4
HAL				
HAL	comp=Z,159nm,1.7s	64.20 6 P	P P	15 56 05.5 +0.4
H53A	Bobaygone baz=172,SNR=14	64.21 354	P P	15 56 05.4 +0.2
J45A	Montague	64.31 347	IAMS_20 IAMS_20	16 29 05.4
J45A	Montague comp=Z,2um,18.0s	64.31 347	P P	15 56 04.9 -1.0
G60A	Masonville baz=178,SNR=6.7	64.35 359	P P	15 56 07.3 +1.2
G59A	Clarenceville baz=180	64.36 358	P P	15 56 06.7 +0.6
G63A	Kingsbury baz=181	64.36 1 P	P P	15 56 06.6 +0.4
N35A	Tabor	64.41 339	P P	15 56 06.2 -0.4
N35A			IAmb IAmb	15 56 47.5
H52A	Wyevale baz=171	64.43 353	P P	15 56 06.5 -0.1
GGN				

MDPB Devils Postpil	72.83	322	P	P	15 56 59.4	-0.2
NV11 Mina Array Sit	72.84	323	P	P	15 56 60.0	+0.5
ELK Elko	72.87	326	P	P	15 57 00.4	+0.6
ELK	comp=Z,37nm,1.6s					
ELK	comp=Z,2um,19.0s		MLR	MLR		
ELK ELK	72.87	326	P	P	15 57 00.3	+0.6
NVAR Mina Array Bea	72.92	323	P	P	15 57 01.9	+1.8
NVAR	comp=Z,3.9nm,0.7s,baz=137,slow=5.7,SNR=35		LR	LR	16 27 54.3	
NVAR FXWY Fox Creek	72.94	331	P	P	15 57 00.7	+0.6
NVAR FXWY	72.94	331	P	P	15 56 59.8	-0.3
ULM Lac du Bonnet	72.97	343	P	P	15 56 59.0	-0.7
ULM	comp=Z,14nm,1.8s,baz=149,slow=5.7,SNR=19		P	P	15 56 58.6	-1.2
ULM Lac du Bonnet	72.97	343	P	P	15 56 58.9	-0.9
ULM	comp=Z,76nm,1.6s		IAMS_20	IAMS_20	16 30 49.4	
PMOZ Porto Moniz, M	72.98	45	eLR	LR	16 26 22.8	
IMW Indian Meadow	73.10	331	P	P	15 57 00.4	-0.7
IMW	comp=Z,68nm,1.5s		IAMS_20	IAMS_20	16 32 22.7	
FLWY Flagg Ranch	73.13	331	P	P	15 57 01.8	+0.6
FLWY	comp=Z,87nm,1.3s		IAMS_20	IAMS_20	16 31 50.5	
RYN Ryan	73.18	323	P	P	15 57 02.1	+0.5
KVN Kaiserville	73.23	323	P	P	15 57 01.7	-0.2
KVN	comp=Z,48nm,1.5s		MLR	MLR		
KVN Kaiserville	73.23	323	P	P	15 57 01.7	-0.2
RLMT Red Lodge	73.31	333	P	P	15 57 01.8	-0.4
RLMT	comp=Z,91nm,1.6s		IAMS_20	IAMS_20	16 28 36.2	
RLMT Red Lodge	73.31	333	P	P	15 57 03.4	+1.2
LAO LASA Array	73.31	335	P	P	15 57 01.9	-0.1
LAO	comp=Z,69nm,1.2s		P	P	15 57 02.7	+0.7
LAO LASA Array	73.31	335	P	P	15 57 02.2	-0.1
H17A Grant Village	73.32	331	P	P	15 57 03.9	+1.5
H17A	comp=Z,145,SNR=6.3		P	P	15 57 03.0	+0.6
YPP Pitchstone Pla	73.37	332	P	P	15 57 03.6	+0.9
LKWY Lake	73.37	332	P	P	15 57 03.6	+0.9
LKWY	comp=Z,193nm,2.0s		MLR	MLR		
LKWY Lake	73.37	332	P	P	15 57 03.6	+0.9
YMP Mirror Lake PI	73.40	332	P	P	15 57 03.8	+0.9
YUF Upper Falls	73.54	332	P	P	15 57 04.0	+0.4
YNE Yellowstone No	73.54	332	P	P	15 57 04.2	+0.5
WAKR Walker	73.63	322	P	P	15 57 05.7	+1.5
SAO San Andreas Ge	73.67	320	P	P	15 57 04.6	+0.3
SAO	comp=Z,60nm,1.9s		P	P	15 57 04.6	+0.3
YMR Madison River	73.71	331	P	P	15 57 05.3	+0.7
YHH Holmes Hill	73.75	331	P	P	15 57 05.7	+0.8
YERR Yerrington	73.84	323	P	P	15 57 07.9	+1.5
CMB Columbia Colle	73.87	321	P	P	15 57 06.4	+0.9
CMB	comp=Z,27nm,1.5s		MLR	MLR		
CMB Columbia Colle	73.87	321	P	P	15 57 06.4	+0.9
YHB Horse Butte	73.88	331	P	P	15 57 06.5	+0.9
YHL Hebgon Lake	73.95	331	P	P	15 57 07.3	+1.2
GCMT Greycliff	74.01	333	P	P	15 57 06.9	+0.7
DGMT Dagmar	74.03	338	P	P	15 57 06.9	+0.8
DGMT	comp=Z,116nm,1.4s		IAMS_20	IAMS_20	16 34 18.4	
DGMT Dagmar	74.03	338	P	P	15 57 07.1	+1.0
QLMT Earthquake Lak	74.04	331	P	P	15 57 07.0	+0.5
PNTR Pine Nut	74.11	322	P	P	15 57 07.6	+0.5
PNTR	comp=Z,1um,19.0s		eS	S	16 06 40.9	+0.2
PPT2 Papeete2	74.12	257	eLR	LR	16 19 44.8	
PPT2	comp=Z,4um,24.5s,baz=108		P	P	15 57 06.3	-0.3
SCHO Schefferville	74.15	2	P	P	15 57 06.2	-0.5
SCHO	comp=Z,58nm,1.4s		IAMS_20	IAMS_20	16 31 28.4	
PAHR Pah Rah Range	74.41	323	P	P	15 57 10.2	+0.5
PAHR	comp=Z,122nm,1.6s		P	P	15 57 11.3	+0.9
MCMT McKenzie Canyo	74.69	330	P	P	15 57 11.6	+0.7
AFDM Forest Hills D	74.82	322	P	P	15 57 12.7	+0.8
DLMT Dillon	74.98	331	P	P	15 57 15.6	
DLMT	comp=Z,70nm,1.6s		IAMS_20	IAMS_20	16 31 02.4	
BEKR Beckworth	75.07	323	P	P	15 57 13.3	+0.8
MFID Camas Ranch	75.10	328	P	P	15 57 13.3	+0.8
MFID	comp=Z,101nm,1.4s		IAMS_20	IAMS_20	16 31 55.3	
MCCM Marconi Confer	75.43	320	P	P	15 57 15.5	+1.1
ORV Oroville	75.52	322	P	P	15 57 16.2	+1.2
ORV	comp=Z,140nm,1.6s		P	P	15 57 16.2	+1.2
ORV Oroville	75.52	322	P	P	15 57 17.9	+1.2
GDXM Geysers	75.81	321	P	P	15 57 17.9	+1.2
EGMT Eagleton	75.81	334	P	P	15 57 17.9	+1.2
EGMT	comp=Z,103nm,1.5s		IAMS_20	IAMS_20	16 32 38.4	
EGMT Eagleton	75.81	334	P	P	15 57 17.0	+0.5
WVOR Wild Horse Val	75.86	325	P	P	15 57 17.9	+0.9
WVOR	comp=Z,33nm,1.5s		MLR	MLR		
WVOR Wild Horse Val	75.86	325	P	P	15 57 17.9	+0.9
MOD Modoc Plateau	76.40	324	P	P	15 57 20.8	+0.7
MOD	comp=Z,95nm,1.7s		IAMS_20	IAMS_20	16 34 52.6	
J08A Circle Bar Ran	76.42	326	P	P	15 57 20.8	+0.7
J08A	comp=Z,66nm,1.8s		IAMS_20	IAMS_20	16 31 44.2	
O02D Mt. Diablo Mer	76.68	322	P	P	15 57 21.5	-0.1
MSO Missoula	76.70	331	P	P	15 57 22.5	+0.8
MSO	comp=Z,59nm,1.4s		IAMS_20	IAMS_20	16 30 25.9	
MSO Missoula	76.70	331	P	P	15 57 23.0	+1.3

WDC Whiskeytown Da	76.80	322	P	P	15 57 21.7	-0.5
WDC	comp=Z,46nm,1.7s		MLR	MLR		
WDC Whiskeytown Da	76.80	322	P	P	15 57 21.7	-0.5
BMO Blue Mountains	76.87	328	P	P	15 57 23.1	+0.5
BMO	comp=Z,72nm,1.6s		MLR	MLR		
BMO Blue Mountains	76.87	328	P	P	15 57 23.1	+0.5
BMO	comp=Z,72nm,1.6s		IAMS_20	IAMS_20	16 30 19.7	
N02D Trinity Center	77.15	322	P	P	15 57 24.6	+0.4
M04C Macdool	77.18	323	P	P	15 57 25.8	+1.3
KMRM Mali Ridge	77.25	321	P	P	15 57 25.1	+0.2
KMRM	comp=Z,41nm,1.1s		IAMS_20	IAMS_20	16 34 36.5	
I07A Izeze	77.46	326	P	P	15 57 26.8	+0.8
I07A	comp=Z,1um,18.0s		P	P	15 57 27.1	+0.8
M02C Callahan	77.50	332	P	P	15 57 27.0	+0.7
JTMT Jette	77.54	323	P	P	15 57 27.3	+0.5
F10A Beach Ranch, E	77.63	329	P	P	15 57 26.5	-0.5
YBH Yreka Blue 2.0s	77.64	323	P	P	15 57 26.4	-0.5
YBH	comp=Z,12nm,0.9s		MLR	MLR		
YBH Yreka Blue Mountain	77.64	323	P	P	15 57 26.4	-0.5
KHMM Horse Mountain	77.68	322	P	P	15 57 26.5	-0.8
KHMM	comp=Z,115nm,1.9s		P	P	15 57 27.9	+0.6
K04D Chiloquin, OR	77.69	324	P	P	15 57 28.5	+0.9
K04D Klamath Falls	77.73	323	P	P	15 57 28.2	+0.3
JCC Jacoby Creek,	77.82	321	P	P	15 57 29.4	+1.2
JCC	comp=Z,77nm,1.4s		P	P	15 57 31.0	+2.4
J05D Fort Rock, OR	77.84	325	P	P	15 57 28.8	-0.2
TTIG Trine Tigoua,	77.86	51	P	P	16 31 21.4	
G08A Pilot Rock	78.01	327	P	P	15 57 30.1	+0.9
G08A Pine Mountain	78.02	325	P	P	15 57 31.2	+1.1
PINE Pine	78.19	322	P	P	15 57 31.5	+0.7
KRMB Red Mountain	78.29	324	P	P	15 57 32.1	+1.1
J04D Umpqua Natona	78.32	71	P	P	15 57 29.9	-1.4
TOAD Torodi Ar. Sit	78.32	71	P	P	15 57 30.2	-1.0
TOAD	comp=Z,53nm,0.9s		P	P	15 57 31.1	+0.3
TORD Torodi Ar. Bea	78.32	71	P	P	15 57 31.4	+0.5
HUMO Hul Mountain	78.35	323	P	P	15 57 31.4	+0.5
WALA Waterton Lakes	78.36	333	P	P	15 57 34.2	+0.5
WALA	comp=Z,63nm,1.4s		IAMS_20	IAMS_20	16 33 50.9	
L02E Cave Junction	78.42	323	P	P	15 57 32.7	+1.5
E09A Wood Farm, Sta	78.46	329	P	P	15 57 31.6	+0.3
E09A	comp=Z,1um,21.0s		P	P	15 57 33.7	+2.7
VNDA Vanda	78.47	190	P	P	15 57 32.1	+1.1
VNDA	comp=Z,57nm,1.7s		P	P	15 57 32.1	+1.1
VNDA Vanda	78.47	190	P	P	15 57 32.1	+1.1
I05D Terrebonne, OR	78.60	326	P	P	15 57 35.0	+1.9
OUK Oukalmeden	78.62	51	P	P	15 57 35.0	+1.9
OUK	SNR=7.9		P	P	15 57 32.0	-0.2
FFC Flin Flon	78.66	342	P	P	15 57 32.0	-0.2
FFC	comp=Z,29nm,1.5s		MLR	MLR		
FFC Flin Flon	78.66	342	P	P	15 57 32.0	-0.2
FFC Flin Flon	78.66	342	P	P	15 57 34.7	+1.3
K02D Willamette Mer	78.80	323	P	P	15 57 33.9	+0.5
I04A Terick Farm, baz=131	78.82	327	P	P	15 57 34.1	+0.6
G06A Carlson Farm,	78.83	327	P	P	15 33 32.2	
G06A	comp=Z,1um,20.0s		IAMS_20	IAMS_20	16 33 32.2	
E08A Dider Farm, EI	78.90	328	P	P	15 57 34.2	+0.5
E08A	comp=Z,2um,21.0s		P	P	15 57 30.4	-3.1
SYO Syowa Base	78.91	160	eP	P	15 57 33.0	-0.5
SYO Syowa Base	78.91	160	eP	P	15 57 35.6	+2.1
F07A Phinny Hill Vi	78.92	327	P	P	15 57 34.6	+0.5
F07A	comp=Z,64nm,1.5s		IAMS_20	IAMS_20	16 31 59.5	
HAWA Hanford	79.06	328	P	P	15 57 35.4	+0.7
HAWA	comp=Z,2um,19.0s		IAMS_20	IAMS_20	16 32 25.1	
HAWA Hanford	79.19	326	P	P	15 57 37.1	+1.6
G05D Wamic, OR	79.22	330	P	P	15 57 35.4	-0.2
NEW Newport	79.22	330	P	P	15 57 36.3	+0.8
NEW	comp=Z,1um,19.0s		P	P	15 57 35.4	-0.2
NEW Newport	79.22	330	P	P	16 36 31.5	
NEW Newport	79.22	330	P	P	15 57 36.3	+0.8
D08A Wollman Farm,	79.22	329	P	P	15 57 36.3	+0.8
D08A	comp=Z,1um,19.0s		P	P	15 57 36.9	+1.2
J01E Myrtle Point	79.25	323	P	P	15 57 37.2	+1.0
I03D Drain, OR	79.27	324	P	P	15 57 37.8	+0.1
H04A Detroit Lake	79.28	325	P	P	15 57 35.8	-0.1
H04A	comp=Z,1um,20.0s		IAMS_20	IAMS_20	16 35 59.9	
E07A Sunnyside	79.34	328	P	P	15 57 37.2	+1.0
E07A	comp=Z,2um,20.0s		P	P	15 57 37.6	+1.0
C09A Chrisman Ranch	79.43	330	P	P	15 57 40.1	+1.2
C09A	comp=Z,96nm,1.4s		IAMS_20	IAMS_20	16 34 48.3	
H04D Lebanon	79.47	325	P	P	15 57 37.7	+0.8
F05D White Salmon	79.70	327	P	P	15 57 39.2	+1.1
ZGR Zagora	79.75	53	P	P	15 57 40.1	+1.2
ZGR	SNR=11		P	P	15 57 39.4	+0.7
I02D Swisshome	79.81	324	P	P	15 57 39.4	+0.7
COR Corvallis	79.82	325	P	P	15 57 39.6	+0.8
COR	comp=Z,82nm,1.3s		MLR	MLR		
COR Corvallis	79.82	325	P	P	15 57 39.6	+0.8

COR	comp=Z,82nm,1.2s		IAMB	IAMB	15 57 51.9	
TZRR Tazzarine	80.11	52	P	P	15 57 43.1	+2.2
TZRR	SNR=5.8		P	P	15 57 43.1	+2.2
G03D McMinnville, O	80.21	325	P	P	15 57 42.1	+1.3
LTY Liberty	80.22	328	P	P	15 57 42.1	+1.1
LTY	comp=Z,113nm,1.7s		IAMS_20	IAMS_20	16 34 11.9	
F04A Amboy	80.23	326	P	P	15 57 42.1	+1.1
F04A	comp=Z,1um,20.0s		IAMS_20	IAMS_20	16 36 23.1	
B08A Colville Reser	80.33	329	P	P	15 57 42.4	+0.8
LON Longmire	80.46	327	P	P		

24d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Port Moresby, Charters Tower, Kashi, Kabul, etc.

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like Kurchatov, Alibek, Zalesovo, etc.

1376

Table with columns for station name, frequency, power, and other technical details. Includes stations like Tiksi, Divnogorie, Boshof, etc.

ADC 24 15:46:35.661.1, 19:36S:71.18W, h0km, mb4.9/3, mb1 5.1/4, mb1mx4.3/28, mbtmp5.0/4, ML4.8/1, Error ellipse: s-maj=54.5km s-min=35.9km az=46.0, NEIC 24 15:46:42.0 1.5, 19:61S:05:70.71W:0.07, h30km, mb4.8/3, Error ellipse: s-maj=9.9km s-min=6.9km az=72.0, ISC 24 15:46:39.4:0.8, 19:59S:07:70.93W:0.08, h22km, n18, r:151/17, Near coast of northern Chile

24d 17h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARMA Armadale, BKZ Black Stump Fm, CTA Charters Tower, etc.

IDC 24 17:08:40.1-3.1,33'46Sx178.78W, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.5/3k, mbtmp3.7/3, ML3.8/1, Error ellipse: s-maj=8.3km, s-min=36.3km, az=116.0, South of Kermadec Islands

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

IDC 24 17:15:50.1-1.8, 8.70'S, 124.66E, h0km, mb3.6/1, mb1 3.9/4, mb1mx3.5/3k, mbtmp3.7/3, ML3.8/1, Error ellipse: s-maj=10.2km, s-min=27.1km, az=65.0, DJA 24 17:16:00.2, 0.7, 9.5, 1.1x12.4E, h77km, 9km, M4, 0/6, mb4.1/4, MLV4.0/6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SOEI, MMRI, BASI, WBSI, FLAI, FITZ, WRA, ASAR, FINES, MKAR, etc.

IDC 24 17:19:49.5-1.0, 19.52'S, 70.70W, h0km, mb4.2/4, mb1 4.3/7, mb1mx3.8/3k, mbtmp3.7/3, ML3.9/3, MS2.8/1, Ms1 2.9/1, ms1mx2.7/2, Error ellipse: s-maj=31.5km, s-min=16.9km, az=67.0

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

2014 MAR

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PSGC Pisagua, IPOC Station P, Chile, etc.

1378

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IPOC Station P, Diego Aracena, Punta Patache, etc.

24d 18h

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like PATCX, G001, PB08, PB16, etc.

2014 MAR

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like HKT, W58A, X54A, W56A, etc.

1380

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like ABTX, R51A, Q56A, Q55A, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other details. Includes entries like Andrews Acres, Lafayette, Decatur, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other details. Includes entries like Gladwin, Peaks-Kenny Pk, Maxfield, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other details. Includes entries like Idaho Springs, Conover, Blythe, etc.

NEIC 24 18:57:58.4±1.7, 44.70N, 0.02±11.431W, 0.05, h2km, 8km, ML3.1/98, Error ellipse: s-maj=5.1km s-min=2.1km az=101.0

IDC 24 18:57:58.2±0.8, 44.67N, 114.24W, h0km, mb1 3.5/6, mb1mx3.3/5.0, mbtmp3.1/6, ML3.3/6, Error ellipse: s-maj=11.3km s-min=7.8km az=48.0

ISC 24 18:57:58.3±0.9, 44.70N, 0.04±11.432W, 0.04, h5km, n64, c1544/67, Western Idaho

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like McKenzie Canyo, Dillon, Camas Ranch, etc.

IDC 24 19:00:07.9±1.9, 19.58S, 70.69W, h0km, mb3.8/3, mb1 3.8/5, mb1mx3.5/32, mbtmp3.7/5, ML3.2/2, MS2.5/1, Ms1 2.5/1, ms1mx2.3/32, Error ellipse: s-maj=47.8km s-min=18.8km az=71.0

GUC 24 19:00:12.2±0.5, 19.64S, 70.72W, h42km, 1km, ML3.1

ISC 24 19:00:09.9±1.7, 19.63S, 0.03±70.76W, 0.07, h11km, n10km, n21, c1922/30, mb3.6/3, 4C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Pisagua, IPOC Station P, Diego Aracena, etc.

PB11 IPOC Station P 1.07 97 I/P Pn 19 04 16.0 ±0.2

TA01 Diego Aracena 1.09 149 I/P Pn 19 04 16.6 ±0.6

PB12 IPOC Station P 1.10 23 I/P Pn 19 04 16.0 ±0.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like IPOC Station P, Chacalluta, Punta Patache, etc.

IDC 24 19:08:34.6±51.0, 54.36N, 123E, h0km, Error ellipse: s-maj=280.3km s-min=130.2km az=110.0, North Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like FREYUNG INFRAS, KESRA INFRASOM, etc.

KRNET 24 19:11:54.2±0.1, 42.73N, 79.07E, h13km, mb2.4

SOME 24 19:11:54.6, 42.73N, 79.05E, h10km

NMC 24 19:11:55.3±0.7, 42.80N, 79.08E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=5.0km s-min=2.0km az=159.0

ISC 24 19:11:53.2±1.4, 42.85N, 0.04±79.10E, 0.04, h1km, n11km, n35, c0597/66, 12C-11D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like UZBYNULAK, SHLS, SATY, etc.

24d 20h

Table of station data for 24d 20h, including columns for station name, frequency, power, and other technical details.

2014 MAR

Table of station data for 2014 MAR, including columns for station name, frequency, power, and other technical details.

1388

Table of station data for 1388, including columns for station name, frequency, power, and other technical details.

ADC 24.01:21.8:0.8, 19.51S:70.66W, h0km, mb4.0/7, mb1.4/1.9, mb1mx3.9/32, mbtrmp4.0/9, ML4.1/2, MS3.2/3, Ms1 3.2/3, ms1mx2.9/18, Error ellipse: s-maj=23.9km s-min=15.2km az=77.0 SJA 24.04:21.8:0.9, 19.64S:70.81W, h23km, km, ML4.0, MV4.0 GUC 24.04:21.6:0.7, 19.61S:70.80W, h34km, km, ML4.1 ISC 24.04:21.2:4.1, 19.63S:70.82W, 0.05, 19.63km, 9km, m6, s=190073, mb4.2/6, 6C-8D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC, including station names like Pisagua, IPOC Station P, and Chumizma.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Station coordinates and error ellipses: IDC 24 21:03:11.0... mb1 4.0/5, mb1mx3.7/25, mbtrmp3.9/5, ML2.7, Error ellipse: s-maj=45.0km s-min=18.5km az=70.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Station coordinates and error ellipses: IDC 24 21:08:29.5... mb1 4.1/7, mb1mx3.8/26, mbtrmp4.0/7, ML3.9, MS3.0/8, MS1 3.0/8, ms1mx2.9/32, Error ellipse: s-maj=34.0km s-min=17.0km az=76.0

Station coordinates and error ellipses: NEIC 24 21:08:31.9, 19.605:70.87W, h34km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr:0.86; Mth:0.08; Mtt:0.94; Mtt:0.25; Mth:0.15; Mtr:0.93; Fault plane solution: Mo:1.32000x10^15 Np1:358.36000, delta2:0.90000, lambda:100.950000. NP2:166.57000, delta3:33000, lambda:59.0000. Principal axes: T:1.2737, Plg66.0000, Azm69.0000; N:0.0947, Plg4.0000, Azm168.0000; P:-1.3694, Plg23.0000, Azm260.0000

Station coordinates and error ellipses: NEIC 24 21:08:33.0, 19.615:70.87W, h30km, mb4.3/9, Mm4.0/40, Error ellipse: s-maj=10.2km s-min=5.5km az=99.0

Station coordinates and error ellipses: GUC 24 21:08:34.0, 19.615:70.74W, h32km, ML3.9, ISC 24 21:08:30.6:1.7, 19.635:0.03:70.85W, h13km, n59, c128/63, mb4.1/4, MS3.0/3, 4C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like G003 Copiap, G003 Copiap, NNA Nana, etc.

JMA 24 21:30:49.6:0.1, 25.00N:123.56E, h33km, M1.4, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IRIF Iriomote-Funau, YOJ Yonaguni jima, etc.

TAP 24 21:31:45.9, 24.71N:121.64E, h68km, ML2.4, A, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TWE Neicheng, TWE Neicheng, SLBB Yuanshan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB16, PB01, PB02, LPAZ, TORO, YKA, MKAR.

SNET 24 22:56:43.4,0.0,8, 13.00N:90.02W, h22km, 4km, ML3.4
GCG 24 22:56:44.8,0.3, 13.66N:89.56W, h91km, 14km, MD3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEVE, SBLS, SNJE, RTR, LOMA, XKO, MTO3, TECA, FUG, STG3.

NEIC 24 23:19:28.9,2.7, 3.88N:0.06:71.19W:0.04, h15km, 5km,
mb4.0/2, Error ellipse: s-maj=9.8km s-min=3.7km

IDC 24 23:19:28.2,1.0, 4.03N:71.17W, h0km, mb3.5/6,
mb1 3.8/10, mb1mx3.6/43, mbtmp3.7/10, ML3.0/4, MS2.9/3,

RSNC 24 23:19:31.0,0.9, 3.85N:71.39W, h4km, 5km, ML3.9, Mw3.9,
ISC 24 23:19:28.5,2.2, 3.91N:0.03:71.23W:0.04, h9km, 15km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTGC, GUVG, VILC, TAMC, CHIC, RUSC.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RREF, GUY2C.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUY2C, GARC.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOTC, CB0C.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CB0C, PC0N.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PC0N, POPC.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 24 23:35:47.2,0.7, 19.47S:70.55W, h0km, mb4.5/16,
mb1 4.5/19, mb1mx4.4/31, mbtmp4.4/19, ML4.0/3, MS3.9/10,

NEIC 24 23:35:50.4,2.3, 19.60S:0.04:70.78W:0.06, h25km, 2km,
s-min=5.9km az=89.0

GUC 24 23:35:51.6,0.7, 19.56S:70.71W, h43km, 2km, ML4.7,
VAO 24 23:35:55.2,0.6, 19.49S:70.48W, h66km, 7km, mb4.7

PSGC Pisagua 0.56 95 i P Pn 23 36 02.4 +0.3
PSGC Pisagua 0.56 95 e S Sb 23 36 10.6 +0.7

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB12, PB11.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB11, PB11.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB03, PB03.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB03, LVC.

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

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

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

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

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

25d Oh

2014 MAR

1396

Table with columns for call sign, name, frequency, mode, and status. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like PLMC San Jos del P, GUYCZ Guyana, Caltas, SPBC San Pablo de B, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like HKT Hockley, HKT Hockley, HKT Hockley, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like WVT, S55A, R59A, UALR, CBN, CBN, T50A, S54A, S54A, S53A, R58A, MIAR, MIAR, TXAR, TXAR, R57A, T49A, S52A, W41B, S51A, R55A, R56A, R54A, Z35A, S50A, Q59A, Q60A, R53A, Q58A, S49A, R52A, W39A, W39A, Q57A, ABTX, ABTX, R51A, Q56A, Q56A, Q55A, R50A, R50A, Q53A, Q54A, Q54A, PBMO, P58A, P59A, R49A, P57A, P57A, Q52A, P56A, P60A, WCI, WCI, WCI, PSUB, P55A, U40A, U40A, Q50A, Q51A, Q51A, MVL, MCWV, MCWV, P54A, P53A, P53A, O58A, X34A, HHAR, O60A, Q49A, O59A, O57A, P52A, Q48A, P51A.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like P51A, O56A, O55A, TUL1, TUL1, N61A, P50A, O54A, WMOK, P49A, BLO, BLO, BLO, SSSA, SSSA, SSSA, O52A, O52A, N60A, N63A, P48A, P48A, O53A, PAL, PAL, N57A, N58A, N58A, N59A, N59A, O51A, CCM, CCM, CCM, CCM, N55A, ACSSO, ACSSO, N56A, O50A, M61A, M63A, M60A, M62A, O49A, O49A, MNTX, N53A, M64A, N54A, P46A, M58A, M57A, N52A, M59A, R40A, O48A, K5CT, N50A, L63A, M56A, N51A, N51A, M55A, T35A, L64A, MSTX, MSTX, M54A, L60A, M53A, N49A, L58A, M51A, L61A, L57A, SFIN, N48A, AMTX, L59A, M52A, M52A, BINY, N47A.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like L56A, M50A, M50A, L61B, HRV, HRV, L53A, L55A, K62A, M49A, K63A, ERPA, K61A, L54A, M48A, M48A, VNA3, K59A, M47A, K58A, K57A, HDIL, K56A, K54A, L50A, VNA1, K55A, L48A, J62A, L49A, J63A, J60A, J61A, J61A, J61A, VNA2, VNA2, K52A, J58A, K51A, J56A, J59A, J57A, J55A, L46A, J54A, K50A, K50A, I58A, I59A, K49A, J52A, I60A, KSU1, I64A, I61A, K48A, K47A, NCB, I63A, I63A, R32A, I57A, K46A, LBNH, I53A, J49A, J48A, L42A, H58A, I51A, I55A, H61A, J47A, H62A, H60A, H57A, ANMO, ANMO, I52A, H64A, H63A, H59A, LONY, LONY, H65A.

25d Oh

Table with columns: ID, Name, Az, El, SNR, P, S, R, and other parameters. Rows include H56A Elgin, H55A Tweed, CBKS Cedar Bluff, etc.

2014 MAR

Table with columns: ID, Name, Az, El, SNR, P, S, R, and other parameters. Rows include E48A Lockeyer, D54A Lac Fusel, D53A Lac Vaciue, etc.

1398

Table with columns: ID, Name, Az, El, SNR, P, S, R, and other parameters. Rows include CWC Cottonwood Cre, PKM Mpherson Peak, PDAR Pinedale Array, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MIVO, PBRG, PAB, BOS, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KSH, KLR, TEY, SOEI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PB11, PB12, PB13, etc.

SJA 25:00:19:04:6.0.5, 19:08:51:71:86W, h10km, ML4, 3, MW4.2
IDC 25:00:19:22:3:0.9, 19:67S:70:44W, h0km, mb4.2/6,
mb1 4.47, mb1mx4.1/32, mbmp4.2/7, ML4.1/1, Error
ellipse: s-maj=32.8km s-min=16.9km az=60.0

IGL 25:00:20:10.5, 36:77N:3:52W, h20km, ML2.7
MDD 25:00:20:10.6:0.3, 36:92N:3:22W, h0km, mbLg3.4/39, Error
MDD ellipse: s-maj=3.1km s-min=2.7km az=165.0, PRXIMO
MDD EMS: I9 INTENSIDAD MAXIMA
INMG 25:00:20:10.9:1.5, 36:92N:3:71W, h0km, ML3.2, Error
ellipse: s-maj=2.0km s-min=1.7km az=165.0

comp=Z,0.5nm,0.6s,baz=325,slow=3.5,SNR=7.2
SONM Songoing Array 152.00 4 PKPbc PKIKP 01 36 58.3 +0.4

0.1nm,0.5s,baz=281,slow=5.4,SNR=2.6
YKA Yellowknife Arr 74.66 26 P 02 04 20.1 +8.4

PB01 IPOC Station P 1.92 141 Pn Pb 02 14 16.0 -2.2
PB02 IPOC Station P 1.96 155 Pn Pb 02 14 16.2 +1.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JMA 25 01:31:09.0, 38.46N, 141.74E, h55km, 1km, M3.9, Near east coast of eastern Honshu.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IDC 25 02:01:47.9, 3.4, 8.09N, 93.82E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.5/44, mbmtmp3.8/5, MS3.0/1, Ms1 3.2/1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB07 IPOC Station P 2.33 159 Pn Pn 02 14 21.9 +1.8, PB09 IPOC Station P 2.67 148 Pn Pn 02 14 27.0 +2.3.

IDC 25 01:50:44.0, 1.5, 36.20N, 141.52E, h0km, mb3.3/3, mb1 3.5/5, mb1mx3.3/38, mbmtmp3.3/5, ML2.7, MS3.7/1, Ms1 3.7/1, ms1mx2.7/28, Error ellipse: s-maj=29.7km

IDC 25 02:11:58.5, 1.9, 19.39S, 70.85W, h0km, mb3.7/3, mb1 3.8/5, mb1mx3.5/34, mbmtmp3.7/5, ML3.4/2, Error ellipse: s-maj=46.8km s-min=20.8km az=71.0

comp=N, 148nm, 18.0s, baz=170, slow=40, SNR=1.8
SIV San Ignacio 3.85 71 Pn Pb 02 16 04.0 +0.2

JMA 25 01:50:50.8, 0.1, 35.79N, 140.90E, h12km, 1km, M3.6
JMA Felt J1

IDC 25 02:12:02.5, 2.6, 19.52S, 0.05, 70.9W, 0.1, h25km, 16km, n21, r130/24, mb3.5/3, 3C-5D, Near coast of northern Chile

comp=N, 335nm, 20.3s, baz=287, slow=42, SNR=1.6
SIV Samuel 12.84 36 Pn Pb 02 16 43.4 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CHOI Chosi 0.9 115 Op P, JSMT Sammumatsuo 0.27 249 P, JIHU Hitachinohouchi 0.30 320 P, JHCH Hitachinokayam 0.62 347 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PSGC Pisagua 0.69 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SAML Samuel 12.84 36 P, SAML Samuel 12.84 36 P, PEL Peldehue 13.55 180 P.

NIED 25 01:52:00, 29.40N, 130.80E, h23km, Mw4.1, Best double couple, M=1.6000, 0.001, NP2=24.00000, 3.62000, 0.950000, 1.880000, NP2=24.00000, 3.62000, 0.950000.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB12 IPOC Station P 1.03 291 P, PB12 IPOC Station P 1.03 291 P, PB11 IPOC Station P 1.15 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CPUP Villa Florida 14.11 121 P, CPUP Villa Florida 14.11 121 P, CPUD Aquidauana 14.20 96 P.

JMA 25 01:52:37.1, 0.2, 29.44N, 130.76E, h38km, 4km, M3.6, IDC 25 01:52:40.1, 1.4, 30.00N, 129.72E, h0km, mb3.4/5, mb1 3.6/7, mb1mx3.5/35, mbmtmp3.4/7, ML3.3/2, MS3.9/2, Ms1 3.9/2, ms1mx3.0/35, Error ellipse: s-maj=35.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P 1.71 111 P, PB08 IPOC Station P 1.71 111 P, PB16 IPOC Station P 1.73 47 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOTA Riolobanco 22.29 344 P, PCON Cianob Dias 22.42 345 P, ORTC Ortega, Tolima 23.71 349 P.

IDC 25 01:52:37.4, 1.1, 29.43N, 0.03, 130.81E, 0.06, h45km, 17km, n29, r130/43, mb3.3/5, Ryukyus Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

NEIC 25 02:13:42.3, 1.5, 19.52S, 0.03, 70.89W, 0.02, h23km, 16km, mb4.4/9, Mw4.2/42, ML2.2(GUC), Error ellipse: s-maj=5.8km s-min=3.5km az=219.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

NEIC 25 02:13:43.2, 1.9, 49S, 70.85W, h23km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr1.27, Mw=0.04, Ms=1.23, Mo=0.44, Mo=0.10, Mo=1.75, Fault plane solution: M2.24000, -0.19, NP1=18.67000, 1.19, 47.0000, 1.22, 21000, NP2=164.92000, 8.73, 62000, 1.79, 33000. Principal axes: T 2.3236, P160.0000, Azm60.0000, N -0.1736, Plg10.0000, Azm168.0000, P -2.1500, Plg28.0000, Azm263.0000.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

IDC 25 02:13:43.5, 5.7, 19.53S, 70.57W, h20km, 37km, mb3.8/11, mb1 4.0/13, mb1mx3.9/32, mbmtmp4.0/13, ML4.1/2, MS3.3/1, Ms1 3.3/3, ms1mx3.1/21, Error ellipse: s-maj=22.4km s-min=18.9km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

GUC 25 02:13:44.5, 0.6, 19.52S, 70.77W, h43km, 2km, ML4.2, VAO 25 02:13:48.7, 0.9, 19.55S, 70.47W, h26km, 6km, mb4.3, IDC 25 02:13:49.6, 1.2, 19.54S, 0.03, 70.77W, 0.05, h12km, 6km, n100, r186/112, mb4.3/14, 3C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

Code Station Name Az Phase ID Time Res PSGC Pisagua 0.62 96 P, PSGB Pisco 0.71 102 P, PSGC Pisco 0.71 102 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P, LVC Limon Verde 3.57 150 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMTB Santa Maria do 24.82 66 P, GUYC Guyana, Caldas 25.02 349 P, RUSC La Rusia 25.37 355 P.

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

NEIC 25 05:54:10.4e.1.7, 18.2S:0.6:176.7E:0.3, h42km, 12km, mb4.3/9, Error ellipse: s-maj=94.4km s-min=6.6km az=158.0

IDC 25 05:54:11.5e.1.6, 16.98S:175.59E, h0km, mb4.2/6, mb1 4.5/6, mb1mx4.2, M2B, mbtmp4.2/6, MS3.8/8, Ms1 3.8/8, ms1mx3.4/28, Error ellipse: s-maj=89.1km s-min=26.0km az=149.0

ISC 25 05:54:10.6e.1.0, 18.3S:0.4:176.8E:0.2, h35km, n29, c259.520, mb4.2/10, MS3.9/11, Fiji Islands region

Main table for Fiji Islands region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MSFV, DZM, DZM, etc.

DJA 25 05:55:36.5e.0.4, 5.3S:3.10E, h10km, M3.7/5, MLV3.7/5, Southern Sumatra

Table for Southern Sumatra with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LWLI, MDSI, etc.

RSPR 25 06:04:09.8, 19.30N:67.29W, h26km, 17km, MD2.9/10, NEIC 25 06:04:09.5e.2.5, 19.24N:0.04:67.03W:0.04, h30km, 10km, Error ellipse: s-maj=7.2km s-min=1.4km az=222.0

ISC 25 06:05:04.8e.1.4, 19.40N:0.07:67.13W:0.04, h25km, n42, c0572/52, 5C-6D, Mona Passage

Main table for Mona Passage region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AGPR, EMPR, etc.

Table for Santa Cruz region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CDVI, SDDR, etc.

IDC 25 06:31:20.2e.0.7, 19.45S:70.55W, h0km, mb4.3/17, mb1 4.3/20, mb1mx4.3/34, mbtmp4.3/20, ML4.2/3, MS3.7/8, Ms1 3.7/8, ms1mx3.5/26, Error ellipse: s-maj=20.4km s-min=15.0km az=51.0

NEIC 25 06:31:23.7e.2.1, 19.65S:0.03:70.80W:0.04, h24km, 1km, mb4.6/30, Mw4.3/34, ML4.6(GUC), Error ellipse: s-maj=7.2km s-min=5.0km az=271.0

NEIC 25 06:31:23.7, 19.65S:70.80W, h24km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:2.76; Mw:0.56; Mw:2.20; Mw:0.56; Mw:0.92; Mw:3.09; Fault plane solution: Mo4.13000:10^15 NP1:0.327:63000, 321.11000, 1.72.7000. NP2:0.166:09000:669.89000, 1.96.55000. Principal axes: T 4.2444, P165.0000, N-0.2316, Plg6.0000, Azm344.0000; P -4.0129, Plg25.0000; Azm251.0000;

GUC 25 06:31:24.6e.0.7, 19.62S:70.74W, h44km, 2km, ML4.6 VAC 25 06:31:28.6e.1.0, 19.61S:70.55W, h76km, 4km, mb4.5, MS3.8/8, Mw4.3/34, ML4.6(GUC), Error ellipse: s-maj=7.2km s-min=5.0km az=271.0

Main table for Chile region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PSGC, PSGC, etc.

Table for Rio Claro-Sao region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RCLB, CRUC, etc.

IDC 25 06:35:23.1e.1.1, 17.37N:90.94W, h24km, 15km, MD4.0, mb1 3.7/6, mb1mx3.5/38, mbtmp3.4/6, ML2.8/3, MS3.0/5, Ms1 3.0/5, ms1mx2.7/26, Error ellipse: s-maj=17.5km s-min=12.9km az=78.0

MEX 25 06:35:24.9e.0.7, 17.46N:90.94W, h24km, 15km, MD4.0, NEIC 25 06:35:25.6e.4.4, 17.47N:0.08:91.16W:0.03, h92km, 8km, Error ellipse: s-maj=11.2km s-min=2.5km az=194.0

ISC 25 06:35:24.3e.3.2, 17.34N:0.05:91.20W:0.04, h62km, 22km, n24, c096/34, mb3.6/3, Mexico-Guatemala border region

Main table for Mexico-Guatemala border region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RREF, SMTB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Comitan, APG, CMIG, Matias Romero, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Green Lake, Nonsavu, Afiamalu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for GRESS, TORDI, NIED, etc.

ICC 25 06:52:09.3z.2.4, 18.01S:71.64W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/22, mbtmp3.6/4, ML3.1/1, MS2.7/1, Ms1 2.8/1, ms1mx2.6/20, Error ellipse: s-maj=80.9km s-min=28.5km az=178.0

ICC 25 06:52:25.3z.1.4, 17.38S:0.07z.71.13W:0.07, h65km, mb3.5km, ML4.3(ARE), Error ellipse: s-maj=12.5km s-min=5.1km az=224.0

ICC 25 07:21:29.7z.1.1, 5.59S:0.09z.80.91W:0.06, h42km, 10km, Error ellipse: s-maj=14.3km s-min=7.3km az=203.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PB12, PB16, PSCGX, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NIED, GRESS, TORDI, etc.

ICC 25 07:00:11.8z.1.4, 8.20S:118.48E, h0km, mb3.9/3, mb1 4.1/6, mb1mx3.7/52, mbtmp3.9/6, ML3.8/3, MS2.7/1, Ms1 2.7/1, ms1mx2.4/43, Error ellipse: s-maj=52.0km s-min=21.2km az=63.0

ICC 25 07:00:16.1z.0.8, 8.22S:0.05z.118.46E:0.05, h35km, n14, o114/18, mb3.8/3, Sumbawa region

ICC 25 07:41:20.5z.1.0, 14.25N:92.90W, h4km, 37km, MD4.1, NEIC 25 07:41:21.2z.2.3, 14.36N:0.06z.92.85W:0.02, h17km, 7km, Error ellipse: s-maj=9.4km s-min=1.7km az=198.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PLA1, WBSI, BANI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KURBB, BVAR, AKTO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PDAR, NVAR, NVAR, etc.

ICC 25 07:01:27.2z.6.1, 23.77S:179.65W, h499km, 21km, mb3.7/15, mb1 3.9/17, mb1mx3.6/36, mbtmp4.6/17, Error

ICC 25 07:41:20.5z.1.0, 14.25N:92.90W, h4km, 37km, MD4.1, NEIC 25 07:41:21.2z.2.3, 14.36N:0.06z.92.85W:0.02, h17km, 7km, Error ellipse: s-maj=9.4km s-min=1.7km az=198.0

ICC 25 07:41:22.8z.0.9, 14.30N:92.72W, h27km, 61km, ML4.3

UCR 25 07:41:22.9.1.1, 14:31N:92:72W, h28km, 72km, ML4.0, mb4.2(NEIC)

ICC 25 07:41:25.5.3.1, 14:67N:92:77W, h41km, 21km, mb3.5/5, mb1 3.9/9, mb1mx3.6/44, mbtrmp3.9/8, ML0.5, MS3.3/2, Ms1 3.3/2, ms1mx2.7/25, Error ellipse: s-maj=38.9km

GCG 25 07:41:27.2.0.4, 14:16N:92:43W, h29km, MD4.5

ISC 25 07:41:20.8.1.6, 14:52N:0.05:92:74W, 0.04, h10km, 9km, n88, s196/102, mb4.1/14, Near coast of Chiapas

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

YKA comp=Z,3.6nm,1.0s Yellowknife Ar 50.36 347 P P 07 50 15.3 -2.4

ILAR comp=Z,1.7nm,0.7s,baz=150,slow=7.8,SNR=36 Eielson Array 62.08 337 P P 07 51 40.6 -0.8

RND Reindeer 62.26 335 P P 07 51 42.5 -0.2

ISC 25 07:53:22.3.0.1, 23:53S:68:87W, h0km, mb3.8/1, mb1 3.5/2, mb1mx3.4/28, mbtrmp3.5/8, ML2.9/1, Error ellipse: s-maj=150.0km, s-min=60.5km, az=74.0

SJA 25 07:53:38.4.0.4, 22:63S:68:78W, h123km, 9km, ML3.4, MW3.5

GUC 25 07:53:39.3.0.6, 22:47S:68:70W, h104km, 9km, ML3.5

ISC 25 07:53:40.0.1.0, 22:49S:0.04:68:76W, 0.05, h110km, 7km, n33, s107/45, 6C-5D, Northern Chile

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

Table with columns: SMAR, Station Name, Time, Res, h, m, s, 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 AML Almayashu, ARLS Arai, MRKS Merke, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT 20nm,0.3s, RABL JAY, GENI Genyem, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LEM Lembang, LTZ Lake Taylor, RPZ Rata Peaks, etc.

IDC 25 08:23:38.5-1.1, 4.77S, 150.86E, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.5/4.1, mbtmp3.6/3, MS3.8/1, Ms1 3.8/1, ms1mx2.7/2.3, Error ellipse: s-maj=38.5km s-min=16.9km az=145.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, ASAR Alice Springs, etc.

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

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

SJA 25 08:47:06.0-0.7, 24.22S, 67.26W, h184km, 6km, ML2.8, MW3.0

GUC 25 08:47:07.9-0.6, 24.19S, 67.64W, h194km, 9km, ML3.6

ISC 25 08:47:05.8-2.0, 24.20S, 67.30W, 0.04, h189km, 1.9km, nZ7, r135/42, 8C-2D, Chile-Argentina border region

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, HIA Hailar, GTA Gaotai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB14 Yavi, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, 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, AzZ, Phase ID, Time, Res, ISC. Includes stations like IMAR Irian Moutai, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, BCAR Beaver Creek A, BVAR Beaver Array, etc.

IDC 25 08:51:47.8-0.6, 6.22S, 147.67E, h67km, 5km, mb4.1/20, mb1 4.3/24, mb1mx4.1/57, mbtmp4.5/24, MS3.5/12, Ms1 3.5/12, ms1mx3.2/4.8, Error ellipse: s-maj=16.6km s-min=8.2km az=93.0

NEIC 25 08:51:48.7-1.4, 6.31S, 0.06E, 147.58E, 0.08, h75km, 2km, mb4.8/40, Error ellipse: s-maj=11.3km s-min=8.5km az=104.0

DJA 25 08:51:50.5-0.4, 6.3S, 3.14E, h79km, 5km, M5.0/27, mb4.9/27, mb5.5/7, MLV5.2/3, Mw(mb)4.9/7

ISC 25 08:51:47.7-0.3, 6.30S, 0.04E, 147.61E, 0.06, h63km, n142, r127/141, mb4.7/34, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, 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, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND HY 31.00, H11S2 WAKE ISLAND HY 31.00, H11S1 WAKE ISLAND HY 31.02, etc.

DJA 25 08:58:52.0-0.5, 10'S, 144°11'9"E, h10km, M3.9/6, mb3.7/1, MLV4.0/6, Sumba region

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

IDC 25 08:59:47.5-1.9, 8.24S, 118.41E, h0km, mb3.7/3, mb1 3.9/6, mb1mx3.5/55, mbtmp3.8/6, ML3.7/2, MS3.3/3, Ms1 3.3/3, ms1mx2.8/5.3, Error ellipse: s-maj=63.2km s-min=22.7km az=65.0, Sumbawa region

Table with columns: STKA, Stephens Creek, 31.91 141 P, P, 09 06 14.8 -0.1, 1.1nm, 0.4s, baz=308, slow=8.5, SNR=7.8

MOS 25 09:11:56.1±1.1, 7.54N, 136.69E, h10km, mb4.8/30, Error ellipse: s-maj=11.6km s-min=6.1km az=102.0

NEIC 25 09:11:57.7±2.1, 7.48N, 0.08x136.72E±0.09, h10km±1km, mb4.7/55, Error ellipse: s-maj=16.5km s-min=11.8km

DJA 25 09:12:01.0±1.6, 8.16N, 137.7E±, h69km, 16km, M4.5/19, mb4.6/19, mb5.1/6, Mw(m)B4.4/6, Mwmp5.8/1

ISC 25 09:11:59.7±0.3, 7.47N, 0.04x136.80E±0.06, h22km, n193, ±135/189, mb4.6/68, MS3.7/12, 5C-13D, Western

Main table for 25d 9h section, listing station names, coordinates, and seismic data for various stations like GUM0, DAV0, FAKI, etc.

Main table for 2014 MAR section, listing station names, coordinates, and seismic data for various stations like ASAR, Alice Springs, H11S1, etc.

Main table for 1412 section, listing station names, coordinates, and seismic data for various stations like KSH, BILB, BILB, etc.

IDC 25 09:15:34.1±7.6, 29.54S, 61.89E, h0km, mb3.6/2, mb1.3/9/2, mb1mx3.4/56, mbtmp3.6/2, Error ellipse: s-maj=443.6km s-min=56.0km az=34.0, Southwest

NEIC 25 09:24:04.2±2.5, 19.70N, 0.07x109.46W±0.06, h10km, 1km,

mb4.2/122, Md4.3/12(MEX), Error ellipse: s-maj=12.2km
 s-min=7.4km az=148.0
 IDC 25 09:24:04.3-1.0, 19.96N-109.39W, h0km, mb4.0/13,
 mb1.4/2/19, mb1mx4.1/47, mbtmp4.1/19, ML3.6/6, MS3.7/14,
 MS1.3/7/14, ms1mx3.4/43, Error ellipse: s-maj=30.9km
 s-min=16.3km az=59.0
 MEX 25 09:24:06.0-0.6, 19.70N-109.35W, h15km, MD4.3
 GCMT 25 09:24:07.0-0.4, 20.02N-0.02-109.28W, 0.02, h22km, 1km,
 MW4.8/80, Moment Tensor Solution, s15,c16; s80,c114;
 Duration: 0 Moment tensor: Scale 10¹⁹Nm; M_r-0.34E-11;
 Mw=1.42E-05; Mw=1.82E-09; Mw=0.14E-13; Mw=0.78E-07;
 Mw=0.51E-13; Best double couple: M1: 1.82E05, 1016
 NP1=33.00000°, δ80.00000°, λ8.00000°. NP2:
 φ=302.00000°, δ83.00000°, λ170.00000°. Principal axes:
 T 2.1080, P1g12.0000°, Azm257.0000°, N -0.4540,
 P1g78.0000°, Azm84.0000°; P -1.6570, P1g1.0000°,
 Azm348.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 25 09:24:04.6-0.5, 19.67N-109.43W, 0.04, h10km,
 n318, s126/310, mb4.2/26, MS3.5/14, Revilla Gigeo

Code	Station Name	A°	AZ°	Phase ID	Time	Res
ISC	h m s	ISC				
H06E	1.66 238	eP		Pn	09 24 32.6	-1.3
H06E	1.66 238	eS		Pn	09 24 52.8	-2.5
H06E	1.66 238	eS		Pn	09 24 32.6	-1.3
H06E	1.66 238	eS		Pn	09 24 52.8	-2.5
H06E1	SOCORRO T-PHAS	1.67 238		Pn	09 24 51.6	-3.9
H06E1				T	09 26 24.7	
H06N1	SNR=3166			Pn	09 24 32.7	-1.3
H06N1	SOCORRO T-PHAS	1.68 242		Pn	09 24 53.9	-2.0
H06N1				T	09 26 24.9	
H06N1	SNR=9.8			Pn	09 24 32.1	-1.9
H06N	Isla Socorro	1.68 242	eP	Pn	09 24 32.1	-1.9
H06N	Isla Socorro	1.68 242	eP	Pn	09 24 32.1	-1.9
H06S1	SOCORRO T	1.72 238		Pn	09 24 54.2	-2.4
H06S1				T	09 26 30.2	
H06S1	SNR=319			T	09 26 30.2	
H06S	SNR=8.2			eP	09 24 33.9	-0.8
H06S				eS	09 24 53.9	-2.8
H06S				Pn	09 24 33.9	-0.8
H06S				Pn	09 24 53.9	-2.8
CJM	Chamela	4.14 92	iP	Pn	09 25 04.8	-3.1
CJM				S	09 25 04.8	-3.1
LP1G	La Paz	4.49 350	iS	Pn	09 25 10.6	-2.2
LP1G				LR	09 26 35.2	
LP1G	comp-Z, 1.1um, 20.3s, baz=110, slow=35			Pn	09 25 10.6	-2.1
ANIG	Ahuacatlan	4.81 72	iS	Pn	09 25 14.8	-2.5
ANIG				Sn	09 26 09.8	-3.3
ANIG	Ahuacatlan	4.81 72	iS	Pn	09 25 14.8	-2.5
ANIG				Sn	09 26 09.8	-3.3
ANIG	Zacatecas	7.11 63	Pn	Pn	09 25 48.5	-0.5
ZAG1		8.02 25	Pn	Pn	09 24 11.8	+0.1
HP1G		8.02 25	Pn	Pn	09 26 01.3	+0.3
SR1G	Santa Rosalia	8.04 342	Pn	Pn	09 26 20.7	+0.3
HS1G		9.42 352	Pn	Pn	09 26 38.1	+2.5
TL1G	Tiapa	10.51 100	Pn	Pn	09 26 37.6	0.0
NZ1G	Nacozari, Sono	10.66 359	iP	Pn	09 26 42.0	+0.3
TX31	Lajitas Ar. Si	10.96 27	Pn	Pn	09 26 41.7	0.0
TX32	Lajitas Array	10.96 27	Pn	Pn	09 26 40.6	-0.1
TXAR	Lajitas Array	10.96 27	Pn	Pn	09 26 41.7	0.0
TXAR		0.4nm, 0.3s, baz=198, slow=12, SNR=30				
TXAR	Lajitas Array	10.96 27	Pn	Pn	09 26 40.6	-1.1
319A	Douglas	11.66 11	Pn	Pn	09 27 03.1	+1.8
MNTX	Cornudas Mount	12.52 16	Pn	Pn	09 27 04.1	+1.4
MNTX	Cornudas Mount	12.52 16	Pn	Pn	09 27 04.0	+1.0
833A	Chaparral WMA	12.58 45	P	Pn	09 27 02.1	-1.6
833A	Chaparral WMA	12.58 45	P	Pn	09 27 03.6	-0.1
214A	Organ Pipe Nat	12.61 347	P	Pn	09 27 03.5	-0.7
214A	Organ Pipe Nat	12.61 347	P	Pn	09 27 05.5	+1.4
121A	Cookes Peak, D	12.90 6	P	Pn	09 27 09.5	+1.3
121A	Cookes Peak, D	12.90 6	P	Pn	09 27 10.5	+2.2
JCT	Junction City	13.85 37	P	Pn	09 27 21.2	+0.1
JCT	Junction City	13.85 37	P	Pn	09 27 21.5	+0.4
735A	Kenedy	13.99 47	Pn	Pn	09 27 23.5	+0.5
CM1G	Matias Romero	14.04 98	Pn	Pn	09 27 24.3	+0.6
CM1G		0.2nm, 0.3s, baz=281, slow=11, SNR=10				
GLA	Glamis	14.18 341	Pn	Pn	09 27 27.1	+1.5
GLA	Glamis	14.18 341	Pn	Pn	09 27 26.8	+1.1
IKP	In-Ko-Pah, Jac	14.25 336	P	Pn	09 27 26.3	-0.4
SWSC	Sam W. Stewart	14.40 338	P	Pn	09 27 29.2	+0.5
BAR	Barrett	14.49 335	Pn	Pn	09 27 30.6	+0.7
Y22D	IRIS PASSCAL I	14.52 8	Pn	Pn	09 27 30.4	+0.3
Y22D	IRIS PASSCAL I	14.52 8	Pn	Pn	09 27 30.3	-0.2
Y14A	Wickenburg	14.57 348	Pn	Pn	09 27 32.2	+1.2
MONP2	Monument Peak	14.58 336	P	Pn	09 27 31.5	+0.2
Y12C	Blythe	14.74 343	Pn	Pn	09 27 33.4	+0.4
Y12C	Blythe	14.74 343	Pn	Pn	09 27 34.2	+0.8
B13A	Lo Mia Camp, P	14.80 353	Pn	Pn	09 27 35.1	+0.8
X16A	Snowflake	14.81 344	Pn	Pn	09 27 34.1	+0.1
XC6A	Big Chockawack	14.93 340	Pn	Pn	09 27 36.5	+0.5
PDMCI	Parker Dam, Lak	15.17 345	P	Pn	09 27 40.1	+1.1
XPFO	Pion Flat	15.24 337	Iamb	Iamb	09 27 40.0	-0.1
XPFO		comp-Z, 8.7nm, 0.9s				
PFO	Pinyon Flats O	15.24 337	Pn	Pn	09 27 40.0	-0.1
PFO	Pinyon Flats O	15.24 337	Pn	Pn	comp-Z, 0.1nm, 0.3s, baz=17, slow=9.8, SNR=5	
PFO	Pinyon Flats O	15.24 337	Iamb	Iamb	09 27 39.8	-0.2
IRM	Iron Mountain	15.30 342	P	Pn	09 27 41.4	+0.5
435B	Jarrell	15.39 42	Pn	Iamb	09 27 41.9	-0.1
435B	Jarrell	15.39 42	Pn	Iamb	09 27 49.4	
435B	Jarrell	15.39 42	Pn	Pn	09 27 42.1	+0.1
W18A	Petrified Fore	15.40 359	Pn	Pn	09 27 42.1	-0.1
BELC	Belle Mtn. Jos	15.43 339	Pn	Pn	09 27 43.6	+1.0
MS1X	Muleshoe	15.43 21	Pn	Iamb	09 27 42.1	-0.5
MS1X				Iamb	09 27 48.2	
MS1X	Muleshoe	15.43 21	Pn	Pn	09 27 43.4	+0.8
ANMO	Albuquerque	15.45 9	Pn	Pn	09 27 42.5	-0.4
ANMO	Albuquerque	15.45 9	Pn	Pn	comp-Z, 0.1nm, 0.3s, baz=176, slow=13, SNR=3.9	
ANMO	Albuquerque	15.45 9	Pn	Pn	09 27 42.2	-0.6
MURC	Murrieta	15.45 9	Pn	Pn	09 27 43.3	+0.5
MURC	Murrieta	15.45 335	Pn	Pn	09 27 45.1	+1.5
SC12	San Clemente I	15.57 330	P	Pn	09 27 45.4	+1.1
ABTX	Abilene, Hawle	15.60 32	Pn	Pn	09 27 45.3	+0.6
W13A	Hualapai Mount	15.87 347	Pn	Pn	09 27 48.3	-0.1
WUAZ	Wupatki	15.88 354	Pn	Iamb	09 27 47.1	-1.5
WUAZ				Iamb	09 27 54.8	
WUAZ	Wupatki	15.88 354	Pn	Pn	09 27 50.0	+1.4
HKT	Hockley	16.02 48	Pn	Pn	09 27 48.2	-1.9
GMRC	Granite Mount	16.04 341	Pn	Pn	09 27 51.4	+0.9
BFS1	Mount Baldy Ra	16.25 335	P	Pn	09 27 52.7	-0.5
HEC	Hector Ludlow	16.30 339	P	Pn	09 27 54.8	+1.0

WHTX	Lake Whitney, Lake Whitney, Lake Whitney, Lake Whitney	16.32 39	Pn	Pn	09 27 51.6	-2.3
WHTX		16.32 39	P	Pn	09 27 54.1	+0.1
MWC	Mount Wilson	16.40 334	Pn	Pn	09 27 54.4	-0.8
RRX	Edison Barstow	16.67 338	P	Pn	09 27 57.5	+0.3
AMTX	Amarillo	16.64 23	P	Pn	09 27 58.5	+0.4
TUQ	Turquoise Mountain	16.73 341	P	Pn	09 28 00.7	+1.4
BLG	Laguna Peak, P	17.46 331	Pn	Pn	09 27 59.8	+0.4
GSC	Goldstone, Bar	16.89 339	Pn	Iamb	09 28 00.3	-0.9
GSC				Iamb	09 28 08.6	
GSC	Goldstone, Bar	16.89 339	P	Pn	09 28 02.4	+1.2
U15A	North Rim	16.89 352	Pn	Iamb	09 28 00.6	-0.9
U15A				Iamb	09 28 08.2	
EDW2	Edwards Air F	16.95 335	P	Pn	09 28 02.6	+0.6
OSI	Osito Audit: C	17.02 333	P	Pn	09 28 03.0	+0.1
SHOC	Shoshone, Teco	17.26 341	P	Pn	09 28 07.0	+1.1
SBC	Santa Barbara	17.32 330	P	Pn	09 28 07.0	+0.5
LRMC	Laurel Mt Rad	17.36 337	P	Pn	09 28 08.0	+0.9
Z35A	Perchaven, San	17.41 36	Pn	Pn	09 28 05.1	-2.7
MVCO	Mesa Verde	17.50 2	Iamb	Iamb	09 28 08.9	-0.2
MVCO				Iamb	09 28 19.9	
MVCO	Mesa Verde	17.50 2	P	Pn	09 28 09.7	+0.6
ARVC	Arvin	17.50 334	P	Pn	09 28 08.7	-0.2
SHPR	Sheep Range	17.52 344	P	Pn	09 28 09.8	+0.6
KNB	Kanab	17.54 351	P	Pn	09 28 11.0	+1.5
LCMT	Little Creek M	17.60 350	Pn	Pn	09 28 10.8	+0.5
WMOK	Wichita Mounta	17.73 30	Pn	Pn	09 28 10.7	-1.0
WMOK	Wichita Mounta	17.73 30	Pn	Pn	09 28 11.3	-0.5
PKM	Mpherson Peak	17.73 331	P	Pn	09 28 12.4	+0.5
MPMC	Manual Prospec	17.80 338	P	Pn	09 28 14.0	+1.2
ISA	Isabella, Lake	17.82 335	P	Pn	09 28 13.1	+0.2
ISA	Isabella, Lake	17.82 335	P	Pn	09 28 12.7	-0.2
PKCU	Pine Cliffs	17.89 353	P	Pn	09 28 12.7	-1.3
NATX	Nacogdoches	17.92 45	Iamb	Iamb	09 28 12.4	-1.7
NATX				Iamb	09 28 18.4	
NATX	comp-Z, 1.5nm, 0.9s					
NATX	Nacogdoches	17.92 45	P	Pn	09 28 13.1	-1.0
T25A	Trinidad	17.95 13	P	Iamb	09 28 13.7	-1.0
T25A				Iamb	09 28 17.9	
T25A	Trinidad	17.95 13	P	Pn	09 28 15.4	+0.8
FURC	Furnace Creek,	17.97 340	P	Pn	09 28 15.1	+0.6
X34A	Smith Ranch, M	18.08 32	Iamb	Iamb	09 28 15.7	-0.4
X34A				Iamb	09 28 20.5	
CCUC	Cedar City	18.15 350	P	Pn	09 28 16.6	-0.4
SCJZ	Shurtz Canyon	18.15 351	P	Pn	09 28 15.2	-1.9
S22A	4UR Ranch, Cre	18.16 7	P	Pn	09 28 16.9	-0.4
S22A	4UR Ranch, Cre	18.16 7	P	Pn	09 28 18.3	+1.1
SMMC	Simmler	18.17 331	P	Pn	09 28 17.3	+0.2
YES	Vestal, Richgr	18.22 334	P	Pn	09 28 18.4	+0.7
TPNV	Topopah Spring	18.23 342	P	Pn	09 28 19.5	+1.5
SDCO	Great Sand Dun	18.34 10	P	Pn	09 28 20.4	+1.0
PV05	Paradox Valley	18.35 1	Iamb	Iamb	09 28 19.4	-0.1

25d 9h

Table with columns: ID, Name, Value, P, I/Amb, Date, and other details. Includes entries like S44A Carbondale, SIUC Southern Illin, Q53A Leroy, etc.

2014 MAR

Table with columns: ID, Name, Value, P, I/Amb, Date, and other details. Includes entries like N54A Moraine State, SFIN Lafayette, O44A Mansfield, etc.

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Table with columns: ID, Name, Value, P, I/Amb, Date, and other details. Includes entries like SCIA State Center, SCIA State Center, J46A Howard City, etc.

PV15	Paradox Valley	48.55 329	P	P	10 05 12.1 +0.2
E51A	G1946 Merrick	48.56 360	P	P	10 05 10.3 -1.2
GLA	Glamis	48.56 319	P	pmax	10 05 11.7 -0.2
GLA	Glamis	48.56 319	P	P	10 05 11.7 -0.2
GLA	Glamis	48.56 319	P	P	10 05 13.2 +1.3
E48A	Lockeey	48.57 357	P	P	10 05 09.6 -2.1
E47A	Iron Bridge	48.61 356	P	P	10 05 09.8 -2.1
E57A	Chemin Saint G	48.65 5	P	P	10 05 11.4 -0.9
PV05	Paradox Valley	48.67 328	P	P	10 05 12.6 -0.3
E58A	La Victoria	48.69 6	P	P	10 05 11.9 -0.7
E56A	St. Veronique	48.71 4	P	P	10 05 12.2 -0.5
PV16	Nyswonger Mesa	48.75 329	P	P	10 05 13.8 +0.4
SPMM	Marine on St.	48.76 347	P	P	10 05 28.0
SPMM	Marine on St.	48.76 347	P	P	10 05 12.8 -0.4
PV19	Morning Glory	48.78 329	Iamb	Iamb	10 05 18.4
Y12C	Blythe	48.81 320	Iamb	Iamb	10 05 19.1
Y12C	Blythe	48.81 320	P	P	10 05 15.0 +1.3
PV22	Blue Mesa, Par	48.85 329	Iamb	Iamb	10 05 19.0
E43A	Lone Tree Farm	48.88 353	P	P	10 05 11.8 -2.2
PDMCI	Parker Dam, Lak	48.93 321	P	P	10 05 15.6 +1.0
PV21	Cone Mtn., Par	48.97 329	Iamb	Iamb	10 05 19.9
E61A	Lac Etchemin	49.08 8	P	P	10 05 15.2 -0.3
D53A	Lac Vacive, Po	49.12 1	P	P	10 05 14.9 -1.0
D53A	Lac Vacive, Po	49.12 1	P	P	10 05 15.1 -0.8
SWSC	Sam W. Stewart	49.13 319	P	P	10 05 17.2 +1.0
D55A	Sainte-Anne-du	49.16 3	P	P	10 05 15.4 -0.7
IKP	In-Ko-Pah, Jac	49.16 318	P	P	10 05 17.4 +0.8
D50A	G1974 Best Tow	49.20 359	P	P	10 05 15.7 -0.7
D47A	Chapleau	49.20 357	P	P	10 05 15.8 -0.7
D54A	Lac Fusel, La	49.23 2	P	P	10 05 15.6 -1.1
D56A	ZEC Mazanza, M	49.23 4	P	P	10 05 16.1 -0.7
U15A	North Rim	49.24 325	Iamb	Iamb	10 05 23.0
D48A	Paudash Townsh	49.25 358	P	P	10 05 15.7 -1.1
D57A	Chemin Vers le	49.27 5	P	P	10 05 16.8 -0.2
W13A	Hualapai Mount	49.29 322	P	P	10 05 19.1 +1.5
N23A	Red Feather La	49.33 333	P	P	10 05 19.9 +1.0
N23A	Red Feather La	49.33 333	P	P	10 05 18.8 +0.9
BC3A	Big Chukawall	49.35 320	P	P	10 05 19.0 +1.0
E63A	Oxbow	49.39 10	P	P	10 05 17.7 -0.2
D58A	Chemin du LacG	49.44 6	P	P	10 05 18.5 +0.2
PHWY	Pilot Hill	49.44 334	P	Iamb	10 05 19.1 +0.3
PHWY	Pilot Hill	49.44 334	P	Iamb	10 05 23.3
IRM	Iron Mountain	49.47 320	P	P	10 05 19.9 +1.1
D60A	Saint Jean D'O	49.49 8	P	P	10 05 19.2 +0.6
MONP2	Monument Peak	49.52 318	P	P	10 05 20.0 +0.6
BAR	Barrett	49.55 318	P	Iamb	10 05 20.1 +0.6
SUSD	Miller	49.69 342	P	P	10 05 19.7 -0.5
SUSD	Miller	49.69 342	P	P	10 05 20.4 +0.1
LATQ	La Tuque	49.74 6	P	P	10 05 20.3 -0.3
LATQ	La Tuque	49.74 6	P	P	10 05 19.9 -0.7
D41A	Chassel	49.76 352	Iamb	Iamb	10 05 34.5
O20A	White River Ci	49.80 331	Iamb	Iamb	10 05 26.4
O20A	White River Ci	49.80 331	P	P	10 05 22.4 +0.9
D61A	St Aubert, Com	49.87 8	P	P	10 05 22.1 +0.5
BELC	Belle Mtn., Jos	49.92 320	P	P	10 05 23.6 +1.2
D62A	Allapoint, All	49.92 9	Iamb	Iamb	10 05 36.5
D62A	Allapoint, All	49.92 9	P	P	10 05 22.9 +0.9
KNB	Kanab	49.95 325	P	pmax	10 05 21.8 -0.8
KNB	Kanab	49.95 325	P	pmax	10 05 21.8 -0.8
KNB	Kanab	49.95 325	P	P	10 05 21.8 -0.8
109C	Camp Elliot, M	49.97 318	P	Iamb	10 05 22.9 +0.3
109C	Camp Elliot, M	49.97 318	P	Iamb	10 05 27.7
XPFO	Pion Flat	49.98 319	P	P	10 05 24.2 +1.4
XPFO	Pion Flat	49.98 319	P	Iamb	10 05 28.2
PFO	Pinyon Flats O	49.98 319	LR	LR	10 24 31.2
PFO	Pinyon Flats O	49.98 319	P	P	10 05 23.8 +0.9
PFO	Pinyon Flats O	49.98 319	P	pmax	10 05 23.8 +0.9
PFO	Pinyon Flats O	49.98 319	P	P	10 05 23.8 +0.9
PFO	Pinyon Flats O	49.98 319	P	Iamb	10 05 28.2
PFO	Pinyon Flats O	49.98 319	P	P	10 05 24.0 +1.1
D63A	Stockholm	50.04 10	P	P	10 05 23.4 +0.5
VLD0	Val d'Or	50.16 2	P	P	10 05 24.6 +0.8
SRU	San Rafael Swe	50.18 328	P	pmax	10 05 25.1 +0.8
SRU	San Rafael Swe	50.18 328	P	pmax	10 05 25.1 +0.8
SRU	San Rafael Swe	50.18 328	P	P	10 05 25.1 +0.8
GRMC	Granite Mounta	50.20 321	P	P	10 05 25.1 +0.6
MTPU	Mount Pierson	50.31 326	P	P	10 05 24.2 -1.3
Q16A	Castle Valley C	50.38 328	P	P	10 05 24.4 -1.5
MURC	Murrieta	50.46 318	P	P	10 05 27.3 +1.0
SZCU	Shurtz Canyon	50.51 325	P	P	10 05 26.2 -0.7
RWWY	Rawlins	50.54 333	Iamb	Iamb	10 05 30.7
P17A	Butcher Ranch,	50.56 328	P	P	10 05 27.7 +0.5
CCUT	Cedar City	50.63 325	P	P	10 05 28.9 +1.0
MSU	Marysville	50.64 327	P	P	10 05 28.9 +1.0
BATG	Bathurst New B	50.65 12	P	P	10 05 27.8 +0.3
HEC	Hector, Ludlow	50.65 320	P	P	10 05 29.2 +1.3
BBRC	Big Bear Solar	50.68 319	P	P	10 05 29.6 +1.3
TMUT	Trail Mountain	50.68 328	P	P	10 05 28.5 +0.2
TUQ	Turquoise Moun	50.78 321	P	P	10 05 30.0 +1.2
RDMU	Red Mountain	50.79 330	P	P	10 05 29.4 +0.4
TCRU	Three Creeks R	50.86 326	P	P	10 05 30.5 +0.9
SHPR	Sheep Range	50.99 323	P	P	10 05 31.1 +0.6
SHPR	Sheep Range	50.99 323	Iamb	Iamb	10 05 36.0
K22A	Casper	51.00 334	P	Iamb	10 05 31.5 +1.0
K22A	Casper	51.00 334	P	Iamb	10 05 34.9
K22A	Casper	51.00 334	P	P	10 05 31.0 +0.6
EYMN	Ely	51.01 349	P	P	10 05 29.9 -1.0

EYMN	Ely	51.01 349	P	P	10 05 30.4 -0.5
LSQO	Lebel-sur-Ouev	51.12 2	P	P	10 05 30.1 -0.9
BFSC	Mount Baldy Ra	51.15 319	P	P	10 05 32.5 +0.8
CIS	Catalina Islan	51.16 317	P	P	10 05 32.5 +0.8
RSSD	Black Hills	51.20 337	P	pmax	10 05 32.5 +0.6
RSSD	Black Hills	51.20 337	P	Iamb	10 05 32.5 +0.6
RSSD	Black Hills	51.20 337	P	Iamb	10 05 36.8
RSSD	Black Hills	51.20 337	P	P	10 05 32.7 +0.8
GSC	Goldstone, Bar	51.25 320	P	P	10 05 33.8 +1.4
SHOC	Shoshone, Teco	51.29 321	P	P	10 05 34.1 +1.5
MWC	Mount Wilson	51.41 318	P	pmax	10 05 32.1 -1.6
MWC	Mount Wilson	51.41 318	P	pmax	10 05 32.1 -1.6
MWC	Mount Wilson	51.41 318	P	Iamb	10 05 38.9
PASC	Pasadena Art C	51.46 318	Iamb	Iamb	10 05 40.1
EDW2	Edwards Air Fo	51.76 319	P	P	10 05 37.3 +1.2
JLU	Jordanelle	51.76 329	P	P	10 05 36.2 -0.1
LMATC	Matagami	51.81 1	P	P	10 05 36.5 +0.4
LARG	Laurel Mtn Rad	51.92 320	P	P	10 05 39.0 +1.5
TPNV	Topopah Spring	51.95 322	Iamb	Iamb	10 05 43.3
TPNV	Topopah Spring	51.95 322	P	P	10 05 39.6 +1.9
CTU	Camp Tracy	51.98 329	P	P	10 05 38.0 +0.2
BLG	Laguna Peak, P	52.01 318	P	P	10 05 38.9 +0.9
FURC	Furnace Creek,	52.02 321	P	P	10 05 39.6 +1.7
MPMC	Manual Prospec	52.16 321	P	P	10 05 40.6 +1.4
DUG	Dugway, Tooele	52.18 328	P	pmax	10 05 41.2 +1.9
DUG	Dugway, Tooele	52.18 328	Iamb	Iamb	10 05 45.4
DUG	Dugway, Tooele	52.18 328	P	P	10 05 40.8 +1.5
AGMN	Agassiz Nation	52.36 346	Iamb	Iamb	10 05 46.5
AGMN	Agassiz Nation	52.36 346	P	P	10 05 40.3 0.0
ARVC	Arvin	52.46 319	P	P	10 05 42.9 +1.7
BW06	Boulder Array	52.46 332	Iamb	Iamb	10 05 45.5
BW06	Boulder Array	52.46 332	P	P	10 05 41.8 +0.4
PD31	Pinedale Array	52.46 332	Iamb	Iamb	10 05 45.5
PDAR	Pinedale Array	52.46 332	P	P	10 05 41.6 +0.2
PDAR	Pinedale Array	52.46 332	P	P	10 06 51.8 -0.3
PDAR	Pinedale Array	52.46 332	LR	LR	10 28 32.8
PDAR	Pinedale Array	52.46 332	P	P	10 05 40.5 -1.0
R11A	Troy Canyon, C	52.47 324	Iamb	Iamb	10 05 47.0
R11A	Troy Canyon, C	52.47 324	P	P	10 05 42.9 +1.4
ISA	Isabella, Lake	52.55 320	P	pmax	10 05 42.7 +0.7
ISA	Isabella, Lake	52.55 320	P	pmax	10 05 42.7 +0.7
ISA	Isabella, Lake	52.55 320	P	Iamb	10 05 47.5
ISA	Isabella, Lake	52.55 320	P	P	10 05 43.5 +1.5
GRAC	Grapevine Rang	52.66 322	P	P	10 05 44.3 +1.4
CWC	Cottonwood Cre	52.77 321	P	P	10 05 45.0 +1.3
MDND	Maddock	52.95 343	P	P	10 05 43.0 -1.7
MDND	Maddock	52.95 343	P	P	10 05 45.2 +0.6
PKM	Mcherson Peak	52.97 318	P	P	10 05 45.7 +0.5
YES	Vestal, Richgr	53.05 319	P	P	10 05 46.6 +1.0
USHA	Ushuaia	53.18 172	P	P	10 05 47.4 +1.2
AHID	Auburn Hatcher	53.20 331	Iamb	Iamb	10 05 50.8
SMMC	Simmler	53.34 318	P	P	10 05 49.4 +1.6
REDW	Red Top Meadow	53.53 332	P	P	10 05 48.5 -0.8
SNOW	Snow King Moun	53.56 332	P	Iamb	10 05 50.1 +0.5
SNOW	Snow King Moun	53.56 332	Iamb	Iamb	10 05 54.0
TPAW	Teton Pass	53.67 332	Iamb	Iamb	10 05 59.4
FXWY	Fox Creek	53.82 332	Iamb	Iamb	10 05 57.5
ELK	Elko	53.89 326	Iamb	Iamb	10 05 56.8
NV11	Mina Array Sit	54.06 322	Iamb	Iamb	10 06 02.0
MDPB	Devils Postpil	54.13 321	Iamb	Iamb	10 05 59.0
NVAR	Mina Array Bea	54.15 322	P	P	10 05 54.9 +0.9
NVAR	Mina Array Bea	54.15 322	P	P	10 05 54.5 +0.6
RLMT	Red Lodge	54.17 334	P	P	10 05 53.5 -0.5
RLMT	Red Lodge	54.17 334	P	P	10 05 54.2 +0.3
LAO	LASA Array	54.19 337	P	P	10 05 54.0 +0.1
LAO	LASA Array	54.19 337	P	P	10 05 54.1 +0.3
H17A	Grant Village	54.19 333	P	P	10 05 54.3 +0.2
H17A	Grant Village	54.19 333	P	P	10 05 54.7 +0.5
ULM	Lac du Bonnet	54.19 347	P	P	10 05 52.8 -1.0
ULM	Lac du Bonnet	54.19 347	P	LR	10 31 12.6
ULM	Lac du Bonnet	54.19 347	P	pmax	10 05 52.6 -1.1
ULM	Lac du Bonnet	54.19 347	P	pmax	10 05 56.0
RYN	Ryan	54.40 322	Iamb	Iamb	10 06 00.9
KVN	Kaiserville	54.41 323	P	pmax	10 05 54.6 -1.2
KVN	Kaiserville	54.41 323	P	pmax	10 05 54.6 -1.2
KVN	Kaiserville	54.41 323	P	Iamb	10 05 54.6 -1.2
YNR	Norris Junctio	54.48 333	P	P	10 05 53.5 -2.7
YMR	Madison River	54.58 333	P	P	10 05 57.1 +0.2
YHK	Holmes Hill	54.62 333	P	P	10 05 57.5 +0.2
WAKR	Walker	54.89 322	Iamb	Iamb	10 06 04.7
DGMT	Dagmar	54.95 340	P	P	10 05 59.5 +0.1
YERR	Yerington	55.06 322	Iamb	Iamb	10 06 05.7
PNR	Pine Nut	55.35 322	Iamb	Iamb	10 06 07.9
VCNR	Virginia City	55.51 322	Iamb	Iamb	10 06 08.9
MCMT	McKenzie Canyo	55.58 332	P	P	10 06 03.9 -0.3
PAHR	Pah Rah Range	55.60 323	P	P	10 06 02.5 -1.9
PAHR	Pah Rah Range	55.60 323	Iamb	Iamb	10 06 09.6
DLMT	Dillon	55.86 332	P	Iamb	10 06 06.1 0.0
DLMT	Dillon	55.86 332	P	Iamb	10 06 14.1
BEKR	Beckworth	56.29 323	Iamb	Iamb	10 06 14.3
EGMT	Eggleton	56.67 336	P	P	10 06 09.9 -1.9

EGMT	Eggleton	56.67 336	P	Iamb	10 06 10.9 -0.9
EGMT	Eggleton	56.67 336	P	P	10 06 10.9 -0.9
WVOR	Wild Horse Val	56.91 326	P	pmax	10 06 13.6 0.0
WVOR	Wild Horse Val	56.91 326	P	pmax	10 06 13.6 0.0
J08A	Circle Bar Ran	57.43 327	Iamb	Iamb	10 06 21.4
M08A	Modoc Plateau	57.52 324	Iamb	Iamb	

25d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsuhiro Arr, OBN Obninsk, MOS Moscow, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 11:08:50.2,3,5,23S,131.65E,h132km,65km,mb3,1/1, mb1 3.0/4,mb1mx3.9/46,mbtmp3.4/4,MS3.8/1,Ms1 3.8/1, ms1mx2.9/7, Error ellipse: s-maj=250.6km s-min=19.9km az=78.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LAR1 LAR, BNDS Bandar-Abbas, GENO Geno, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HATD Hatta, Dubai, ASHO Ashiyah, ASHO Ashiyah, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, WRA Warramunga Arr, etc.

DGB	comp=E,1044µm,0.5s	1.88 329	i P	Pn	11 27 17.8	+0.3
DGB	zmir			Sn	11 27 38.0	-2.1
DGB	comp=E,1µm,0.2s			IAML	11 27 40.0	
DGB	IAML				11 27 40.0	
ANAF	comp=N,920nm,0.6s	1.89 268	P	Pn	11 27 19.0	+1.5
ANAF	Anafisi Island			AML	11 27 42.4	
ANAF	comp=N,5682µm,0.3s			AML	11 27 54.4	
KORT	comp=E,5964µm,0.4s	1.89 72	Pn	Pn	11 27 19.8	+2.2
KORT	Korkuei			i P	11 27 19.8	+4.0
KORT	Korkuei			i S	11 27 49.0	+3.6
KORT	comp=E,643nm,0.6s			IAML	11 27 49.0	
BRDR	comp=N,523nm,0.5s	2.00 51	i P	Pn	11 27 21.1	+1.9
BRDR	BURDUR-Merkez			Sn	11 27 54.1	+1.1
BRDR	comp=E,538nm,0.6s			IAML	11 28 02.0	
BRDR	IAML				11 28 04.0	
ZKR	comp=N,524nm,0.6s	2.03 230	P	Pn	11 27 21.1	+1.7
ZKR	Zakros			S	11 27 45.4	+1.8
ZKR	comp=N,2µm,0.6s	2.03 230	P	Pn	11 27 21.2	+1.7
ZKR	Zakros			Sn	11 27 46.2	+2.6
ZKR	Zakros			AML	11 27 53.0	
ZKR	comp=N,2016µm,0.6s			AML	11 27 54.8	
ZKR	comp=E,6182µm,0.5s	2.03 230	PN	Pn	11 27 21.4	+2.0
ZKR	Zakros			Pn	11 27 21.3	+1.8
ZKR	Zakros			S	11 27 46.1	+2.4
ZKR	Zakros			AML	11 27 54.2	
ZKR	comp=E,6.2nm,0.5s			AML	11 27 54.2	
ZKR	comp=E,6.2nm,0.5s			AML	11 27 54.2	
MANT	comp=N,295nm,0.3s	2.08 10	i P	Pn	11 27 20.9	+0.6
MANT	Manisa			Sn	11 27 45.0	-0.2
MANT	Manisa			i S	11 27 47.0	
MANT	comp=E,263nm,0.5s			IAML	11 27 47.0	
MANT	Manisa			Pn	11 27 20.5	+0.5
ANTB	Antalya			Pn	11 27 22.9	+2.5
KULA	Kula-Manisa			PN	11 27 19.9	+1.2
BLCB	Balçova			Pn	11 27 21.0	+0.3
SANT	Santorini			P	11 27 22.3	+1.4
SANT	Santorini			Pn	11 27 22.1	+1.1
THR2	Thira Island			P	11 27 23.0	+1.4
THR2	Thira Island			P	11 27 22.5	+1.4
APR	Apeiranthos			Pn	11 27 22.2	+0.9
APR	Apeiranthos			S	11 27 46.0	-1.0
APR	comp=N,300nm,0.5s	2.16 288	P	Pn	11 27 22.1	+0.9
APR	Apeiranthos			Sn	11 27 46.8	-0.1
APR	Apeiranthos			AML	11 27 47.2	
APR	comp=N,660µm,0.4s			AML	11 27 48.8	
APR	comp=E,535µm,0.7s	2.16 288	PN	Pn	11 27 22.2	+0.9
APR	Apeiranthos			Pn	11 27 22.2	+0.9
APR	Apeiranthos			Pn	11 27 22.7	+1.4
TH2	Imerovigli			Pn	11 27 23.3	+1.8
STAX	Taxiarchis Har			Pn	11 27 23.0	+1.5
STAX	Taxiarchis Har			P	11 27 23.0	+1.5
THR3	Thira Island			P	11 27 23.2	+1.7
THR3	Thira Island			P	11 27 23.1	+1.5
THR6	Thira Island			P	11 27 23.0	+1.5
THR6	Thira Island			Pn	11 27 23.3	+1.2
KHAL	Karahalli			i S	11 27 48.8	+0.3
KHAL	Karahalli			Sn	11 27 52.0	
KHAL	comp=E,351nm,0.6s			IAML	11 27 54.0	
BCK	comp=N,291nm,0.5s	2.23 62	PN	Pn	11 27 24.6	+2.3
URLA	Bucak			PN	11 27 22.9	+0.3
URLA	Izmir			Pn	11 27 23.0	+0.3
URLA	Izmir			i P	11 27 47.8	-1.7
URLA	Izmir			Sn	11 27 50.0	
URLA	comp=E,450nm,0.7s			IAML	11 27 50.0	
URLA	IAML				11 27 50.0	
IOSP	comp=N,432nm,0.9s	2.29 278	P	Pn	11 27 24.1	+1.2
IOSP	los island			P	11 27 24.1	+1.2
IOSP	los island			AML	11 28 05.6	
IOSP	comp=N,1375µm,0.4s			AML	11 28 08.8	
IOSP	comp=E,837µm,0.7s	2.34 241	P	Pn	11 27 25.1	+1.4
NPS	Neapolis			S	11 27 51.9	+0.6
NPS	comp=N,2µm,0.4s	2.34 241	P	Pn	11 27 24.9	+1.2
NPS	Neapolis			Sn	11 27 52.7	+1.3
NPS	Neapolis			AML	11 27 56.7	
NPS	comp=N,3931nm,0.4s			AML	11 27 58.1	
ISP	comp=E,5126µm,0.7s	2.37 54	PN	Pn	11 27 26.2	+2.0
ISP	Isparta			Pn	11 27 30.2	+6.0
ISP	Isparta			Pn	11 27 25.8	+1.5
USAK	Uak-Merkez			Pn	11 27 25.5	+1.1
USAK	Uak-Merkez			i S	11 27 53.1	+0.7
USAK	Uak-Merkez			IAML	11 27 56.0	
KZIL	comp=N,202nm,0.6s	2.43 41	i P	Pn	11 27 25.7	+0.7
KZIL	AFYON_Kizioru			IAML	11 28 12.0	
KZIL	comp=N,150nm,0.6s			IAML	11 28 15.0	
AKHS	comp=N,161nm,0.5s	2.45 355	i P	Pn	11 27 25.6	+0.5
AKHS	Akhisar			Sn	11 27 52.5	-1.4
AKHS	Akhisar			IAML	11 27 55.0	
AKS	comp=N,299nm,0.4s	2.45 355	PN	Pn	11 27 25.3	+0.2
KRBN	Karaburun			PN	11 27 26.1	+0.5
LAST	Lastithi			Pn	11 27 27.2	+1.4
LAST	Lastithi			P	11 27 27.1	+1.4
LAST	Lastithi			Sn	11 27 55.9	+0.9
LAST	Lastithi			AML	11 28 00.9	
LAST	comp=N,1938µm,0.4s			AML	11 28 02.0	
FOCM	comp=N,1332µm,0.7s	2.52 335	PN	Pn	11 27 26.8	+0.7
CHOS	Chios island			Pn	11 27 27.0	+0.5
CHOS	Chios island			Sn	11 27 54.9	-1.3
CHOS	comp=N,2µm,0.4s	2.54 321	PN	Pn	11 27 27.3	+0.8
BAGO	Egridir - ISPA			Pn	11 27 29.7	+1.8
DEMI	Demirci			Pn	11 27 29.0	+1.1
DEMI	Demirci			i S	11 27 57.2	-1.6
DEMI	comp=N,451nm,0.5s			IAML	11 28 02.0	
DEMI	IAML				11 28 02.0	
DRKL	comp=N,282nm,0.7s	2.69 246	PN	Pn	11 27 30.1	+1.7
HRKL	Herakleio			PN	11 27 30.8	+0.9
DKIL	Dikili			Pn	11 27 31.6	+0.8
IDI	Anoyia			S	11 28 03.4	-0.6
IDI	comp=N,968nm,0.6s	2.75 247	P	Pn	11 27 31.4	+0.7
IDI	Anoyia			Sn	11 28 03.6	-0.3
IDI	comp=N,63nm,0.3s,baz=103,slow=19,SNR=17	2.85 247	P	Pn	11 27 31.8	+1.0
IDI	Anoyia			Sn	11 28 04.6	+0.7
IDI	Anoyia			AML	11 28 06.9	
IDI	comp=N,2235µm,0.6s			AML	11 28 08.7	
IDI	comp=N,1678µm,0.6s	2.85 247	PN	Pn	11 27 32.2	+1.4
SHUT	Subut-Afyon			Pn	11 27 32.6	+1.6
STEP	BALIKESIR_Sava			i P	11 27 32.6	+0.6
STEP	BALIKESIR_Sava			S	11 28 04.8	-1.4
STEP	BALIKESIR_Sava			IAML	11 28 08.0	
STEP	comp=N,304nm,0.5s			IAML	11 28 09.0	
SIVA	comp=N,313nm,0.5s	3.03 243	P	Pn	11 27 34.6	+1.5
SIVA	Sivas			S	11 28 09.9	+1.6

SIVA	comp=N,2µm,0.7s	3.03 243	P	Pn	11 27 35.6	+2.5
SIVA	Sivas			S	11 28 07.8	-0.5
SIVA	comp=N,1758µm,0.5s			AML	11 28 17.5	
SIVA	Sivas			AML	11 28 25.8	
PRK	comp=N,4164µm,0.6s	3.16 333	P	Pn	11 27 36.6	+1.8
PRK	Paraskevi			P	11 27 36.5	+1.7
PRK	Paraskevi			S	11 28 10.2	-1.0
PRK	comp=N,2365µm,0.4s			AML	11 28 13.8	
PRK	comp=N,2365µm,0.4s			AML	11 28 14.1	
TVSB	comp=N,2042µm,0.5s	3.19 19	PN	Pn	11 27 36.7	+1.3
DOGA	KONYA_Doganhisli			Pn	11 27 39.3	+2.5
DOGA	DOGA			IAML	11 28 19.0	
DOGA	comp=N,143nm,0.8s			IAML	11 28 32.0	
DOGA	comp=N,90nm,0.5s			IAML	11 28 32.0	
VAM	Vamos			Pn	11 27 39.3	+2.1
VAM	Vamos			AML	11 28 20.7	
VAM	comp=N,1314µm,0.5s			AML	11 28 23.5	
VAM	comp=N,1255µm,0.4s			AML	11 28 23.5	
GAZI	Gazipasa			i P	11 27 38.8	+0.5
IMMV	Iera Moni Meta			Pn	11 27 41.5	+2.1
GONE	Gonen-Balikesi			PN	11 27 42.4	+1.3
GVD	Gavdhos			Pn	11 27 44.4	+2.9
GVD	Gavdhos			PN	11 27 44.8	+2.9
EZIN	Ezine			PN	11 27 42.6	+0.9
AKMS	Akamias			Pn	11 27 43.4	+0.9
VLV	Voula, Athens			P	11 27 44.6	+2.0
BOZC	Bozcaada			PN	11 27 44.1	+1.0
KNDR	Koniaochora Ch			PN	11 27 47.2	+3.8
ALFC	Alefka			Pn	11 27 45.3	+0.6
ALFC	ALFC			AML	11 28 29.8	
ALFC	comp=N,1.9nm,0.2s			AML	11 28 29.9	
ALFC	comp=N,1.9nm,0.4s			AML	11 28 29.9	
NATA	Nata			Pn	11 27 47.4	+1.1
DID	Didima			P	11 27 49.3	+2.3
LIA	Limnos Island			P	11 27 49.5	+1.1
LIA	Limnos Island			Sn	11 27 49.8	+1.4
LIA	Limnos Island			Sn	11 28 34.7	-0.9
LIA	Limnos Island			AML	11 28 35.8	
LIA	comp=N,378µm,0.6s			AML	11 28 38.1	
LIA	comp=N,391µm,0.5s			AML	11 28 38.1	
VLI	Vellia			P	11 27 50.8	+2.1
VLI	Vellia			Pn	11 27 51.3	+2.6
SZAC	Souni			P	11 27 50.6	+1.0
LTK	Loutrakia			Pn	11 27 54.0	+2.2
CSS	Mathiatis			Sn	11 27 53.8	+0.6
CSS	Mathiatis			Sn	11 28 41.8	-2.5
CSS	Mathiatis			Sn	11 28 42.2	-0.1
CSS	Mathiatis			Pn	11 27 54.1	+0.8
ASSA	Asgata			Pn	11 27 54.1	+0.9
SMTH	Samothraki Isl			P	11 27 54.2	+0.9
SMTH	Samothraki Isl			Pn	11 27 54.2	+0.9
SMTH	Samothraki Isl			AML	11 28 46.2	
SMTH	comp=N,310µm,0.4s			AML	11 28 47.4	
SMTH	comp=N,266µm,0.5s			AML	11 28 47.4	
MDUB	Mudurnu			Pn	11 27 53.7	-2.4
ALL	Alexandroupoli			Pn	11 27 53.7	

NNC 25 11:37:32.0,6.2,36.88N,70.06E,h0km,mb4.8,mpv4.6, Error ellipse: s-maj=56.4km s-min=47.9km az=153.0

ISC 25 11:37:35.6,0.8,36.47N,70.29E,h212km,7km,mb3.5/17, mb1 3.6/23,mb1mx3.4/56,mbtmp4.1/23,Error ellipse: s-maj=11.3km s-min=10.2km az=148.0

NEIC 25 11:37:35.2,2.2,36.51N,0.06,70.28E,0.10,h210km,6km, mb4.2/21,Error ellipse: s-maj=11.3km s-min=8.2km az=99.0

BUI 25 11:37:35.6,0.0,36.86N,70.24E,h216km,mb4.5/15, mb4.5/21

ISC 25 11:37:34.7,0.4,36.51N,0.04,70.37E,0.04,h200km,n107, #182/123,mb4.0/28,5C-7D,Hindu Kush region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including LANZHOU, SONM, BRTR, KMI, CMAR, HHC, AKASA, NRIK, FIA1, FIA5, ARCES, NB2, NOA, NOA, TEOL, TIXI, KMBO, KMBO, MBAR, INU, SEY, TOAO, TORD, TORD, TORD, TOLK, C36M, INK, LBTB, ILAR, ILAR, PPLA, PPLA, KNRA, KNRA, BOSA, BOSA, BOSA, MCARA, VRDI, VRDI, YKA, YKA, WRA, WRA, WB2, WB2, AS31, ASAR, ASAR, ASAR, ASAR.

PGC 25 11:46:39.8,7.7,50.75N,139.01W,h10km,MLSN3.8/4, Mw4.4/4.5,565km Wsw of Sandspit, Bc West Of Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including VIB, VIB, DIB, DIB, BNB, BNB, NDB, NDB, PNL, PNL, PCA, PCA, YUK7, YUK7, GRNC, GRNC, WHY, WHY, YUK6, YUK6, CTGM, CTGM, KIAG, KIAG, YUK5, YUK5, BALM, BALM, YUK4, YUK4, YUK3, YUK3, YUK2, YUK2, YUK1, YUK1.

MAN 25 12:02:32.1,9.75N,123.83E,h8km,mb3.7,ML2.4,MS1.9, 2C,Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including TBP, TBP, LLP, LLP, SNPH, SNPH, MSIP, MSIP, DCPH, DCPH.

mb4.4/23, Error ellipse: s-maj=13.8km s-min=7.1km az=169.0

OMAN 25 12:09:54.5,2.1,25.88N,63.71E,h20km,ms3.3/4, Error ellipse: s-maj=39.4km s-min=16.8km az=96.0

DSN 25 12:10:00.2,2.2,26.25N,63.17E,h15km,ML4.5/7, Error ellipse: s-maj=62.9km s-min=14.6km az=7.0

ISC 25 12:09:50.9,0.4,25.96N,0.05,64.15E,0.04,h35km,n126, #253/133,mb4.2/28,MS3.8/25,Southwestern Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations including BHUJ, BHUJ, BHUJ, WSAR, WSAR, WSAR, JLN, JLN, WBK, WBK, WBK, WBK, BIDO, BIDO, JASL, JASL, SMDO, SMDO, JMDO, JMDO, HOQ, HOQ, BANOM, BANOM, BANOM, BANOM, BSY, BSY, MDH, MDH, MDH, MDH, MDH, MDH, SOHO, SOHO, SOHO, SHME, SHME, MSFE, MSFE, UOSS, UOSS, UOSS, HATD, HATD, HATD, HATD, ARQ, ARQ, ARQ, ASHO, ASHO, ASHO, ASHO, MHTO, MHTO, MHTO, NAZ, NAZ, NAZ, NAZ, FAQ, FAQ, FAQ, ALNE, ALNE, ALNE, DQM, DQM, DQM, HRA, HRA, HRA, KBL, KBL, KBL, CEP, CEP, CEP, NIL, NIL, CHCP, CHCP, THN, THN, THN, THN, BHK, BHK, DHRM, DHRM, DHRM, DHRM, SMLA, SMLA, SMLA, CHGR, CHGR, GAR, GAR, KSH, KSH, KSH, DANN, DANN, KKB3, KKB3, KKB3, KKB3, JIRN, JIRN, RAMN, RAMN, ODAN, ODAN, TAPN, TAPN, GNI, GNI, TBLG, TBLG, TBLG, AKH, AKH, AKH, ABKAR, ABKAR, LSA, LSA, PALK, PALK, ASF, ASF, ATD, ATD, KBZ, KBZ, AKTO, AKTO, AKTO.

ISC 25 12:09:47.2,0.9,25.88N,64.12E,h0km,mb4.0/17, mb1 4.1/19,mb1mx3.9/57,mbtmp4.0/19,ML4.3/2,MS3.9/26, Ms1 3.9/26,ms1mx3.7/44,Error ellipse: s-maj=20.0km s-min=15.5km az=178.0

NEIC 25 12:09:48.7,2.2,25.90N,0.09,64.16E,0.06,h20km,4km,

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, and other parameters. Includes stations like N51A Ashland, M55A Ridgeway, M54A Oil Creek Stat, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, and other parameters. Includes stations like H45A Beulah, F52A Sundridge, ALGO Alcaquin Park, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, and other parameters. Includes stations like NVAR Mina Array Bea, NVAR Torodi Arr. Bea, SCHQ Schaefferville, etc.

NIED 25 14:43:00.32:00N:131.60E,h29km,Mw3.9 Best double couple: Mb8.29000x1014 NP1:8189.00000°,882.00000°,λ-108.00000°,NP2:875.00000°,819.00000°,λ-26.00000°
IDC 25 14:43:10.7:8.5:31.68N:131.40E,h33km:54km,mb3.6/4,mb1.3/7.7,mb1mx3/4.56,mbtm3/3.77,ML3.1/3,MS3.0/5,ms1.3/1.5,ms1mx2/7/47,Error ellipse: s-maj=53.9km s-min=29.1km sz=1.0
JMA 25 14:43:13.1:0.1:31.98N:131.60E,h37km:1km,M3.8 Broadband fault plane solution: P waves. NP1: 74.7.00000°,86.00000°,λ-14.00000°,NP2:875.00000°,888.00000°,λ-96.00000°. Principal axes: T:Pg43.00000°,Az=274.00000°; N:Plg6.00000°,Az=178.00000°; P:

25d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station data for JMA Felt J1, ISC 25.14:43:12.8, 1.2, 31.92N, 0.05:131.63E, 0.05, h36km, 1km, n27, r133/25, mb3.8/4, MS2.9/3, 1C-7D, Kyushu.

15C 25.14:53:11.8, 1.0, 16.11S:174.97W, h282km, 10km, mb3.8/15, mb1.0/17, mb1mx3.9/35, mbtmp4.4/17, Error ellipse: s-maj=16.0km s-min=9.6km az=138.0 NEIC 25.14:53:14.6, 1.4, 16.1S:0.1:174.9W, 0.1, h303km, 6km, mb4.4/94, Error ellipse: s-maj=16.7km s-min=12.9km az=148.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station data for Tonga Islands, AFI Afiamalu, AFI 63nm, 0.3s, bazz=261, slow=6.4, SNR=11, NIUE Afiamalu, NIUE Niuue, MSFV Nonsavu, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, URZ 23nm, 0.6s, bazz=350, slow=7.6, SNR=8.6, COEN Coen, COEN 40.46, 267, TOO Toolangi, TOO 40.80, 231, STKA Stephens Creek, STKA 42.34, 240, BBOO Bucklebo, BBOO 42.12, 240, WR0 Warramunga Arr, WR0 48.03, 258, WB0 Warramunga Arr, WB0 48.21, 258, WRB Warramunga Arr, WRB 48.21, 258, WRA Warramunga Arr, WRA 48.22, 258, WRR Warramunga Arr, WRR 48.22, 258, AS31 Alice Springs, AS31 48.25, 253, ASAR Alice Springs, ASAR 48.45, 253, ASAR 48.45, 253, ASAR 52.93, 266, SAUI Saumlaki, SAUI 53.08, 272, FOR Forest, FOR 53.28, 274, KNRA Kununurra, KNRA 53.99, 262, FITZ Fitzroy Crossi, FITZ 56.60, 259, AAI Ambon, AAI 56.20, 276, NLAI Namlea, NLAI 58.38, 276, LBMI Labuha, LBMI 58.78, 279, SOEI Soe, SOEI 59.42, 268, SOEI Soe, SOEI 59.42, 268, SANI Sanana, SANI 59.79, 277, PSA00 Pilbara Seismi, PSA00 61.56, 254, MMRI Maumere, MMRI 61.63, 269, MMRI Maumere, MMRI 61.63, 269, VNSA Vanda, VNSA 62.41, 186, WBSI Waikabubak, WBSI 64.12, 267, KAPI Kappang, KAPI 64.92, 272, TBP Tagbiliran, TBP 65.81, 289, PLAI Plampang, PLAI 65.86, 267, MPJI Mapaga, MPJI 66.31, 271, MJSR Matsushiro Arr, MJSR 68.63, 321, MJAR Matsushiro Arr, MJAR 68.63, 321, JAGI Jajag, JAGI 69.43, 267, SCZZ Santa Cruz Isl, SCZZ 72.56, 46

2014 MAR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station data for PETK Petropavlovsk, QSPA South Pole Qui, QSPA South Pole Qui, MURC Murrieta, BFSC Mount Baldy Ra, O02D Mt. Diablo Mer, EDW2 Edwards Air Fo, MONP2 Monument Peak, ISA Isabella, Lake, ISA Isabella, Lake, IKP In-Ko-Pah, Jac, CMB Columbia Colle, AFDM Forest Hills D, ORV Oroville, PFO Pinyon Flats O, PFO Pinyon Flats O, XPFO Pion Flat, XPFO Pion Flat, N02D Trinity Center, LRMC Laurel Mtn Rad, O03E Paynes Creek, CWC Cottonwood Cre, MDPB Devils Postpil, OMDB Old Mammoth Mi, BELC Belle Mtn. Jos, YBH Yreka Blue Hor, YBH Yreka Blue Hor, MPMC Manual Prospec, GSK Goldstone, Bar, WAKR Walker, HEC Hector, Ludlow, BC3 Big Chuckawall, GLA Glamis, GLA Glamis, PNTR Pine Nut, PNTR Pine Nut, HUMO Hull Mountain, VCNR Virginia City, YERR Yerington, L04D Klamath Falls, M04C Macdoel, KSRS Korea Array, CISI Cisompet, Garu, GMIR Granite Mounta, KSAR Wonju Array Be, IRM Iron Mountain, FUM Furnace Creek, RYN Ryan, TUQ Turquoise Moun, NVAR Mina Array Bea, NVAR Mina Array Bea, PAHR Pah Rah Range, I03D Drain, Y12C Blythe, Y12C Blythe, NV11 Mina Array Sit, 214A Organ Pipe Nat, 214A Organ Pipe Nat, KVN Kaiserville, J04D Umqua Nationa, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, J05D Fort Rock, OR, SHPR Sheep Range, W13A Hualapai Mount, U14K Ussuriysk Arr, U14A Wickenburg, PINE Pine Mountain, R11A Troy Canyon, C, R11A Troy Canyon, C, WVOR Wild Horse Val, I07A Ize, LCMT Little Creek P, X16A Lo Mia Camp, M, CCUT Cedar City, P19T Douglas, P31U Pine Spring, U15A North Rim, SZCU Shurtz Canyon, WUAZ Wupatki, WUAZ Wupatki, WUAZ Wupatki, ELK Elko, HKPS Hong Kong Po S, G08A Pilot Rock, G08A Pilot Rock, B05A Bryant, X18A Snowflake, X18A Snowflake, E07A Sunnyside, HAWA Hanford, HAWA Hanford, MSU Marysville

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station data for BMO Blue Mountains, 121A Cookes Peak, D, 121A Cookes Peak, D, F10A Beach Ranch, E, TMUT Trail Mountain, SRU San Rafael Swe, TCUT Toone Canyon, MNXT Cornudas Mount, PV14 Lion Creek, Pa, PV20 West Nyswonger, PV20 West Nyswonger, PV13 Radium Mtn., PV13 Radium Mtn., PV23 Carpenter Ridg, PV03 Paradox Valley, PV03 Paradox Valley, NEW Newport, PV04 Paradox Valley, PV04 Paradox Valley, PV12 Sauer Basin, TX31 Lajitas Arr. Si, TX31 Lajitas Arr, TXAR Lajitas Array, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, MCMT McKenzie Canyo, WRH Wood River Hill, WRH Wood River Hill, HDA Harding Lake, MSO Missoula, CCB Clear Creek Bu, REDW Red Top Meads, REDW Red Top Meads, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, IL31 4UR Ranch, Cre, IL31 4UR Ranch, Cre, ILAR Eielson Array, POKR Poker Plat Res, FLWY Flagg Ranch, FLWY Flagg Ranch, YHB Horse Butte, YHL Hebgan Lake, YH0 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, YHH Holmes Hill, SDCO Great Sand Dun, YNE Yellowstone No, MSTX Muleshoe, ISCO Idaho Springs, RLMT Red Lodge, EGMF Eagleton, ABTX Abilene Hawle, RSSD Black Hills, WMOK Wichita Mounta, HHC Hu-ho-hao-te, DGMT Dagmar, YKA Yellowknife Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, LZH Lanzhou, LZH Lanzhou, X54A Belton, N55A Mariott Center, F51A Arnstien, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, ARCES ARCES Array B, BRTR Keskin Arr B, GERES GERES Array B, TORO Torodi Arr, TORO Torodi Arr

15C 25.15:07:35.8, 1.8, 0.50S:124.06E, h0km, mb3.3/3, mb1.3/6.5, mb1mx3.4/46, mbtmp3.5/5, ML3.7/2, Error ellipse: s-maj=53.0km s-min=26.9km az=65.0 DJA 25.15:07:39.0, 0.9, 1.5, 3.12E:110.0km, 8km, M4.2/10, mb4.7/1, mb4.5/1, MLv4.0/10, Mw(mB)4.0, 15C 25.15:07:42.1, 0.9, 0.74S:0.05:123.93E, 0.05, h35km, n14, r1517/18, mb3.3/3, Minahas Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station data for LUWI Luwuk, KMSI Cibinong, KMSI Cibinong, APSI Ampama, MRSI Marisa, SANI Sanana, LBMI Labuha, NLAI Namlea, MPSI Mapaga, SPSI Sidrap Palu, KAPI Kappang, KAPI Kappang, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs

0.6mm,0.6s,baz=336,slow=8.1,SNR=21
MKAR Makanchi Array 59.73 328 P
0.1mm,0.5s,baz=129,slow=7.7,SNR=1.8

NAO 25 15:10:19.0,0.8,60.47N,16.16E,ML1.8
BER 25 15:10:20.3,4.9,60.26N,16.39E,hOkm,17km,ML1.6,
ML1.8(NAO)
HEL 25 15:10:19.3,0.1,60.32N,16.24E,hOkm,ML1.9,
ML2.0(UPP),Explosion,Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like Oestervaa, BACU, FIBU, etc.

Table with columns: PACI, CAYA, CUSW, CUIC, IMBA, URCU, YAHU, CASC, TUMC, ATAH, etc. Lists stations and their coordinates.

MOS 25 15:18:14.6,0.9,29.21N,141.14E,h92km,mb4.6/30, Error ellipse: s-maj=8.6km s-min=4.3km az=91.8

JMA 25 15:18:15.2,0.1,29.40N,141.77E,h66km,MS.0
BUJ 25 15:18:15.0,0.0,29.20N,141.20E,h100km,mb4.5/29,
mb4.3/41
IDC 25 15:18:16.5,1.1,29.22N,141.14E,h94km,9km,mb4.1/40,
mb1.4/36,mb1mx4.2/65,mbtmp4.5/46,MS2.8/6,
Ms1 2.9/6,ms1mx2.6/43, Error ellipse: s-maj=10.9km
s-min=8.0km az=32.0

NEIC 25 15:18:16.9,1.3,29.21N,141.17E,h97km,4km,
mb4.9/202, Error ellipse: s-maj=10.6km s-min=8.1km
az=72.0

ISC 25 15:18:15.9,0.2,29.24N,141.26E,0.05,h90km,m413,
01513/446,mb4.8/157,12C-12D,Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Chichi jima, CBJJ, CJJ, etc.

Table with columns: USRK, Ussuriysk Ar, Kuril'sk, Yuzh-Sakhalin, etc. Lists stations and their coordinates.

25d 15h

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SBUM Sibiu, ADK Adak, PMG Port Moresby, etc.

2014 MAR

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IMAR Indian Mountain, PPLA Purkeypile, KSH Kashi, etc.

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Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GAR comp=Z,1.1nm,0.8s, BALM Baldy, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like NVAR, NV11, AKASG, AKBB, ELK, NB2, NOA, etc.

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like GOO2, CPUP, IDC, NEIC, ISC, etc.

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like ASAR, IDC, MOS, NEIC, BGR, GGMT, etc.

25d 16h

2014 MAR

1430

Table of station data for 25d 16h, including call signs, frequencies, and signal quality indicators.

Table of station data for 2014 MAR, including call signs, frequencies, and signal quality indicators.

Table of station data for 1430, including call signs, frequencies, and signal quality indicators.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kalwaria Pacla, Dobruska-Polom, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TIC, DBIC, DBIC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ELK, ELK, ELK, etc.

Table with columns: Code, Station Name, A* AZ*, Phase ID, Time Res, h m s ISC. Includes stations like JCT Junction City, TX32 Lajitas Array, S39A Bolivar, etc.

Table with columns: Code, Station Name, A* AZ*, Phase ID, Time Res, h m s ISC. Includes stations like JAG Ashikaga, JMM Marumori, JFY Yanaizu, etc.

Table with columns: Code, Station Name, A* AZ*, Phase ID, Time Res, h m s ISC. Includes stations like C09A Chrisman Ranch, E07A Sunnyside, E07A comp=E,28nm,1.0s, etc.

NIED 25 17:21:00.36:400N:141.10E, h50km, Mw3.7 Best double couple: M3.7000x1014 NP1a:27.00000, 872.00000, 1.98.00000. NP2a:181.00000, 820.00000, 1.66.00000. IDC 25 17:21:24.4:1.2, 36.38N:141.33E, h0km, mb3.5, m1 3.6/9, mb1mx3.4/58, mbtmp3.2/4, MS3.2/4, MS1 2.3/2, ms1mx2.1/49, Error ellipse: s-maj=24.7km s-min=19.7km az=101.0

IDC 25 17:36:49.7:1.0, 36.30N:71.66E, h0km, mb3.6/6, m1 3.7/13, mb1mx3.5/68, mbtmp3.6/13, MS3.4/7, MS3.4/2, Ms1 3.4/2, ms1mx2.6/45, Error ellipse: s-maj=19.6km s-min=17.9km az=85.0 NNC 25 17:36:55.7:4.4, 36.51N:71.18E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=48.8km s-min=24.8km az=140.0 IDC 25 17:36:58.7:0.6, 36.32N:106.71E, h100km, n32, e:283/34, mb3.3/6, 3C-2D, Afghanistan-Tajikistan border region

25d 17h

AEIC 25 17:37:48.5±2.4, 52°32'N, 0°08:177.04W, 0.09, h214km, 3km, Error ellipse: s-maj=11.9km s-min=7.7km az=172.0
IDC 25 17:37:49.4±0.6, 52°64'N:177°13'W, h216km, 4km, mb4, 2/39, mb1 4.2/42, mb1mx4.1/62, mbtmp4.8/42, Eror ellipse: s-maj=9.3km s-min=5.9km az=168.0
GCMT 25 17:37:49.5±0.3, 52°64'N:177°17'W, 0.04, h210km, 2km, MW5, 0/97, Moment Tensor Solution. s28,c34; s97,c133; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:2.19±.12; Mm:2.31±.17; Mpp:0.11±.15; Mo:2.12±.11; Mm:0.76±.11; Mo:0.76±.11; Best double couple: M3.71800e-1016, NP13a:211.00000; 340.00000; 1.37.00000; NP2:91.00000; 867.00000; 124.00000. Principal axes: T:3.6570, P1g5.0000, Azm44.0000; N:0.1140, P1g31.0000, Azm256.0000; P: -3.7790, P1g15.0000, Azm157.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 25 17:37:57.0±0.0, 53°14'N:178°71'W, h244km, 0.05, ISC 25 17:37:48.3±0.3, 52°53'N:0°05:177°16W:0.03, h211km, 2km, h211km:pp-P, n1366, e1911/1525, mb5.1/375, 35C-6D, Andean/Islands

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

2014 MAR

Main table with columns: MCK, McKinley, 1748 42 P, 17 41 48.3 +0.3, etc. Lists seismic events with station codes, magnitudes, and arrival times.

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Table with columns: TIXI, Tiksi, 30.15 329 i P, 17 43 38.9 +1.0, etc. Lists seismic events for station TIXI with magnitudes and arrival times.

M02C	Callahan	37.84	85	P	P	17 44 47.5 +2.9
G08A	Pilot Rock	38.00	77	P	P	17 44 46.4 +0.6
K08M	Mali Ridge	38.02	87	P	P	17 44 47.2 +2.7
B0D	Bodaibo	38.11	306	eP	P	17 44 45.4 -1.0
B0D					pmax	
N02D	Trinity Center	38.18	85	P	P	17 44 50.1 +2.8
M04C	Macdoel	38.23	84	P	P	17 44 50.2 +2.4
RES	Resolute Bay	38.27	25	P	P	17 44 47.9 +0.4
RES					pmax	
RES	Resolute Bay	38.27	25	P	P	17 44 47.9 +0.4
I07A	Izeze	38.33	79	P	P	17 44 49.8 +1.2
I07A					Iamb	17 44 51.6
KCPM	Cahto Peak	38.42	88	P	P	17 44 52.1 +2.7
KCPM					Iamb	17 44 53.8
WDC	Whiskeytown Da	38.52	86	P	P	17 44 52.4 +2.4
WDC					pmax	
WDC	Whiskeytown Da	38.52	86	P	P	17 44 52.4 +2.4
WDC					Iamb	17 44 53.6
O02D	Mt. Diablo Mer	38.61	86	P	P	17 44 53.8 +2.9
F10A	Beach Ranch, E7	38.66	75	P	P	17 44 51.1 -0.1
F10A					Iamb	17 44 53.2
HIA	Hailar	38.81	291	P	P	17 44 52.6 +0.3
HIA					pmax	
HIA	Hailar	38.81	291	P	P	17 44 52.6 +0.3
WALA	Waterton Lakes	39.00	69	P	P	17 44 54.2 +0.1
WALA					Iamb	17 44 56.4
WALA	Modoc Plateau	39.09	82	P	P	17 47 00.9 +1.3
MOD					Iamb	17 44 56.4 +1.4
MOD					Iamb	17 44 58.9
HOPS	Hopland Field	39.16	88	P	P	17 44 57.4 +2.0
HOPS					Iamb	17 44 60.0
BMO	Blue Mountains	39.22	77	P	P	17 44 56.3 +0.4
BMO					pmax	
BMO	Blue Mountains	39.22	77	P	P	17 44 56.3 +0.4
BMO					Iamb	17 44 58.3
J08A	Circle Bar Ran	39.36	79	P	P	17 44 56.9 -0.2
J08A					Iamb	17 45 00.0
GDXM	Geysers	39.45	88	P	P	17 45 00.7 +2.9
GDXM					Iamb	17 45 01.8
JTMT	Jette	39.45	71	P	P	17 44 57.8 0.0
JTMT					Iamb	17 44 59.5
JCJ	Chichijima	39.48	246	P	P	17 44 59.3 +1.2
ORV	Oroville	39.77	86	P	P	17 45 01.9 +1.5
ORV					pmax	
ORV	Oroville	39.77	86	P	P	17 45 01.9 +1.5
ORV					Iamb	17 45 02.9
ORV	Wild Horse Val	39.79	81	P	P	17 45 02.8 +0.6
WVOR					PcP	17 45 01.9 +1.2
WVOR					pmax	
WVOR	Wild Horse Val	39.79	81	P	P	17 45 01.9 +1.2
MCCM	Marconi Confer	39.81	89	P	P	17 45 03.2 +2.5
MCCM					Iamb	17 45 26.5
MSO	Missoula	40.13	72	P	P	17 45 03.2 -0.1
MSO					Iamb	17 45 04.9
MSO	Missoula	40.13	72	P	P	17 45 03.7 +0.4
MSO					PcP	17 47 03.3 -0.1
BEKR	Beckworth	40.28	85	P	P	17 45 06.0 +1.2
BEKR					Iamb	17 45 08.7
AFDM	Forest Hills D	40.47	87	P	P	17 45 07.6 +1.4
KSR5	Korea Array	40.64	274	P	P	17 45 05.7 +1.2
KSR5					P	17 45 09.2 +1.7
KSR5					pp	17 45 52.3 +0.5
KSR5					PcP	17 47 05.5 +0.6
KSR5					ScP	17 50 34.4 +0.6
KSAR	Wonju Array Be	40.67	271	P	P	17 45 08.7 +0.9
KSAR					P	17 47 05.1
KSAR	Wonju Array Be	40.67	271	P	P	17 45 08.7 +0.9
RUBR	Rubicon Trail	40.91	86	P	P	17 47 05.0 +0.9
RUBR					Iamb	17 45 12.4 +2.4
RUBR					Iamb	17 45 30.1
MPFD	Camas Ranch	40.91	78	P	P	17 45 10.2 +0.4
MPFD					PcP	17 47 06.5 +0.6
PAHR	Pah Rah Range	40.97	84	P	P	17 45 12.1 +1.7
PAHR					Iamb	17 45 13.2
PAHR	Virginia City	41.06	85	P	P	17 47 07.2 +1.0
VCNR					Iamb	17 45 12.9 +1.8
VCNR					Iamb	17 45 14.4
PNTR	Pine Nut	41.22	85	P	P	17 45 14.5 +2.0
CMB	Columbia Colle	41.40	87	P	P	17 45 15.9 +2.1
CMB					pmax	
CMB	Columbia Colle	41.40	87	P	P	17 45 15.9 +2.1
CMB					Iamb	17 45 17.1
CMB					PcP	17 47 07.9 +0.4
YERR	Yerington	41.50	85	P	P	17 45 16.9 +1.5
YERR					Iamb	17 45 17.3
LRM	Limekiln Ridge	41.55	72	P	P	17 45 14.7 -0.4
LRM					PcP	17 47 08.3 +0.2
SAO	San Andreas Ge	41.57	89	P	P	17 45 16.6 +1.5
SAO					pmax	
SAO	San Andreas Ge	41.57	89	P	P	17 45 16.6 +1.5
WAKR	Walker	41.68	86	P	P	17 45 18.0 +1.7
WAKR					Iamb	17 45 19.6
JNU	Nakatsue	41.72	263	P	P	17 45 18.5 +2.1
JNU					P	17 45 17.5 +1.1
DLMT	Dillon	41.72	73	P	P	17 47 09.4 +0.8
DLMT					PcP	17 45 17.6 -0.2
EGMT	McKenzie Canyo	41.90	68	P	P	17 45 17.2 -0.5
EGMT					Iamb	17 45 19.8
EGMT	Eagleton	41.90	68	P	P	17 47 09.2 +0.2
EGMT					PcP	17 45 17.1 -0.6
KVN	Kaiserville	42.16	84	P	P	17 45 21.8 +1.7
KVN					pmax	
KVN	Kaiserville	42.16	84	P	P	17 45 21.4 +1.4
KVN					Iamb	17 45 22.8
KVN					PcP	17 47 11.1 +0.9
RYN	Ryan	42.16	85	P	P	17 45 21.9 +1.8
RYN					Iamb	17 45 22.9
PMPB	Monarch Peak	42.32	90	P	P	17 45 23.6 +2.4
PMPB					Iamb	17 45 26.3
PMPB					PcP	17 47 12.5 +1.9
NVAR	Mina Array Bea	42.42	85	P	P	17 45 24.3 +2.0
NVAR					PcP	17 47 12.2 +1.1
NVAR					ScP	17 50 41.7 +0.4

NVAR	Mina Array Bea	42.42	85	P	P	17 45 24.2 +2.0
NVAR					PcP	17 47 12.9 +1.7
NVAR					ScP	17 50 41.4 +0.1
MDPB	Devils Postpil	42.45	87	P	P	17 45 25.1 +2.6
MDPB					Iamb	17 45 25.9
NV11	Mina Array Sit	42.51	85	P	P	17 45 24.3 +1.4
OMMB	Old Mammoth Mt	42.52	87	P	P	17 45 25.0 +1.9
OMMB					Iamb	17 45 26.5
MLAC	Manah, Mammoth	42.60	86	P	P	17 45 26.3 +2.5
MLAC					Iamb	17 45 23.0 -0.6
FFC	Flin Flon	42.65	56	P	P	17 45 23.0 -0.6
FFC					pmax	
FFC	Flin Flon	42.65	56	P	P	17 45 23.0 -0.6
FFC					Iamb	17 45 24.9
QLMT	Earthquake Lak	42.70	73	P	P	17 45 24.4 0.0
QLMT					PcP	17 47 12.9 +1.0
YHL	Hebgen Lake	42.83	73	P	P	17 45 25.8 +0.3
YHL					PcP	17 47 13.6 +1.1
ELK	Elko	42.84	80	P	P	17 45 26.8 +1.2
ELK					pmax	
ELK	Elko	42.84	80	P	P	17 45 26.8 +1.2
ELK					Iamb	17 45 28.6
YHB	Horse Butte	42.88	73	P	P	17 45 26.2 +0.4
YHB					PcP	17 47 14.2 +1.6
PAGB	Antelope Grade	42.98	90	P	P	17 45 28.4 +1.9
PAGB					Iamb	17 45 29.8
PAGB					PcP	17 47 14.1 +1.3
YMR	Holmes Hill	43.06	73	P	P	17 45 27.3 -0.1
YMR					PcP	17 47 14.2 +1.6
VOG	Valley Oaks Go	43.12	88	P	P	17 45 29.0 +1.4
VOG					P	17 45 29.0 +1.4
GCMT	Greycliff	43.18	71	P	P	17 45 28.6 +0.5
YNM	Yellowstone No	43.18	73	P	P	17 45 29.5 +1.2
YNR	Yonkers Junction	43.20	73	P	P	17 45 29.3 +0.9
YUF	Upper Falls	43.30	73	P	P	17 45 30.0 +0.7
TIN	Tinemaha, Big	43.34	87	P	P	17 45 32.0 +2.4
YPP	Pitchstone Pla	43.38	73	P	P	17 45 30.9 +0.9
SMCM	Simmer	43.41	90	P	P	17 45 32.0 +2.0
YNE	Yellowstone No	43.42	72	P	P	17 45 30.3 +0.1
H17A	Grant Village	43.45	73	P	P	17 45 32.0 +1.6
H17A					Iamb	17 45 33.7
H17A	Grant Village	43.45	73	P	P	17 47 15.3 -0.4
H17A					PP	17 45 31.9 +1.5
LKWY	Lake	43.45	73	P	P	17 45 31.5 +1.1
LKWY					pmax	
LKWY	Lake	43.45	73	P	P	17 45 31.5 +1.1
LKWY					Iamb	17 45 33.6
YMP	Mirror Lake Pl	43.49	72	P	P	17 45 31.5 +0.7
IMW	Indian Meadow	43.52	74	P	P	17 45 31.8 +0.7
FLWY	Flagg Ranch	43.56	74	P	P	17 45 32.1 +1.0
FLWY					Iamb	17 45 34.2
TULEG	Thule	43.56	19	P	P	17 45 31.1 +0.6
TULEG					PcP	17 47 13.5 -0.5
YES	Vestal, Richgr	43.61	89	P	P	17 45 32.8 +1.3
FXWY	Fox Creek	43.62	74	P	P	17 45 32.4 +0.5
HVU	Hansel Valley	43.69	77	P	P	17 45 32.9 +0.7
HVU					P	17 47 16.3
HVU					pmax	
HVU	Hansel Valley	43.69	77	P	P	17 45 33.0 +0.7
HVU					PcP	17 47 14.1 +1.0
TPAW	Teton Pass	43.76	74	P	P	17 45 33.3 +0.4
RLMT	Red Lodge	43.79	71	P	P	17 45 33.4 +0.4
RLMT					Iamb	17 45 36.2
RLMT	Red Lodge	43.79	71	P	P	17 45 33.5 +0.4
PKM	Mpgherson Peak	43.80	90	P	P	17 45 35.5 +2.2
CWC	Cottonwood Cre	43.84	87	P	P	17 45 35.5 +2.0
SNOW	Snow King Moun	43.89	74	P	P	17 45 34.2 +0.3
REDW	Red Top Meadow	43.89	74	P	P	17 45 34.1 +0.2
GRAC	Grapevine Rang	43.91	86	P	P	17 45 36.1 +2.2
NR1K	Norik's	43.93	329	P	P	17 45 34.7 +1.1
BGU	Big Grassy Mou	44.06	79	P	P	17 45 35.5 +0.3
BGU					PcP	17 47 17.8 +1.2
AHID	Auburn Hatcher	44.10	75	P	P	17 45 35.9 +0.4
ISA	Isabella, Lake	44.10	88	P	P	17 45 36.2 +0.7
ISA					pmax	
ISA	Isabella, Lake	44.10	88	P	P	17 45 36.2 +0.7
ISA					Iamb	17 45 38.2
ISA	Isabella, Lake	44.10	88	P	P	17 45 36.7 +1.2
R11A	Troy Canyon, C	44.12	83	P	P	17 45 36.7 +0.9
R11A					Iamb	17 45 38.2
R11A	Troy Canyon, C	44.12	83	P	P	17 45 37.2 +1.4
SBC	Santa Barbara	44.16	91	P	P	17 45 37.3 +1.5
SPUT	South Promonto	44.17	78	P	P	17 45 36.7 +0.6
ARVC	Arvin	44.24	89	P	P	17 45 37.9 +1.3
MPMC	Maxial Prospec	44.45	87	P	P	17 45 40.3 +1.9
SCZ2	Santa Cruz Isl	44.51	91	P	P	17 45 40.4 +1.7
HWUT	Hardware Ranch	44.52	77	P	P	17 45 39.3 +0.4
HWUT					PcP	17 45 42.9 +0.3
FURC	Furnace Creek	44.56	86	P	P	17 45 41.0 +2.0
TPNV	Topopah Spring	44.62	85	P	P	17 45 41.5 +1.8
TPNV					pmax	
TPNV	Topopah Spring	44.62	85	P	P	17 45 41.5 +1.8
TPNV					P	17 45 41.7 +2.0
LAO	LASA Array	44.63	68	P	P	17 45 39.8 +0.2
LAO					P	17 45 40.1 +0.5

25d 17h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like E28A Huff, Y12C Blythe, PV09 Paradox Valley, etc.

2014 MAR

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like ECSD EROS Data Cent, ANMO Albuquerque, ANMO Albuquerque, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like GTA comp=Z,65nm,4.7s, GTA comp=Z,140nm,19.9s, GTA comp=Z,100nm,21.0s, etc.

1437

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like Sherman Twp, Schefferville, Perchaven, San Skaggs, Pawnee Summer, etc.

2014 MAR

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like Casco, Woolly Hollow Poplar Bluff, Carbondale, Algonquin Park, Southern Illin, etc.

25d 17h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like La Tuque, Aurora, Mont Tremblant, Chesterland, etc.

25d 17h

E60A	Ste Agathe de	62.83	49	P	P	17 47 50.2	-0.9
J57A	Williamstown	62.88	53	P	P	17 47 50.9	-0.6
F60A	Warwick	62.90	49	P	P	17 47 51.0	-0.6
M55A	Ridgway	62.92	57	P	P	17 47 51.5	-0.4
M55A	Kirov	62.92	57	P	IAMB	17 47 53.5	
M55A	Ridgway	62.92	57	P	P	17 47 51.7	-0.1
Q52A	Bidwell	62.92	61	P	P	17 47 51.3	-0.6
T50A	Nancy	62.95	64	P	P	17 47 51.8	-0.3
ZAIG	Zacatecas	62.97	87	P	P	17 47 53.5	+0.7
ZAIG	KIROV	62.97	335	P	IAMB	17 47 52.6	+0.7
KIRV	KIROV	62.97	335	P	P	17 47 52.6	+0.7
G59A	Clarenceville	62.99	51	P	P	17 47 50.8	-1.4
P53A	Whipple	63.01	60	P	P	17 47 52.1	-0.4
P53A	Whipple	63.01	60	P	IAMB	17 47 52.0	-0.4
H58A	Gabriels	63.01	52	P	P	17 47 51.0	-1.4
O54A	Avella	63.03	59	P	P	17 47 51.9	-0.7
O54A	Avella	63.03	59	P	P	17 47 52.2	-0.4
L56A	Greenwood	63.04	55	P	P	17 47 52.5	-0.1
L56A	Greenwood	63.04	55	P	P	17 47 52.6	-0.1
H59A	Cadyville	63.07	51	P	P	17 47 52.3	-0.5
I58A	Old Forge	63.17	53	P	P	17 47 53.1	-0.4
S51A	Beattyville	63.17	63	P	P	17 47 53.2	-0.4
S51A	Beattyville	63.17	63	P	IAMB	17 47 54.9	
S51A	Beattyville	63.17	63	P	P	17 47 53.2	-0.4
R52A	Cattlettsburg	63.18	61	P	P	17 47 53.2	-0.4
M56A	Emporium	63.20	56	P	P	17 47 53.6	-0.2
M56A	Emporium	63.20	56	P	P	17 47 53.6	-0.2
E61A	Lac Etchemin	63.22	48	P	P	17 47 53.6	-0.2
KLMR	Klimovskoe	63.23	341	eP	pmx	17 47 50.0	-3.5
KLMR	Klimovskoe	63.23	341	eP	AMP	17 47 50.0	-3.5
KLMR	Klimovskoe	63.23	341	eP	AMP	17 47 50.0	-3.5
VBMS	Vicksburg	63.23	71	P	P	17 47 54.0	0.0
J58A	Remsen	63.26	53	P	P	17 47 53.5	-0.6
J58A	Remsen	63.26	53	P	P	17 47 53.6	-0.5
N55A	Marion Center	63.31	57	P	P	17 47 53.7	-0.7
NCB	Newcomb	63.32	52	P	P	17 47 54.0	-0.5
F61A	St Evariste	63.34	49	P	P	17 47 53.8	-0.7
D62A	Allapoint, All	63.37	47	P	P	17 47 54.2	-0.5
D62A	Allapoint, All	63.37	47	P	P	17 47 54.2	-0.5
Q53A	Leroy	63.39	60	P	P	17 47 54.7	-0.4
P54A	Burton	63.40	59	P	P	17 47 54.5	-0.6
S52A	Salversville	63.42	62	P	P	17 47 55.2	+0.2
T51A	Gray	63.48	63	P	P	17 47 55.2	-0.4
L57A	Andrews Acres	63.49	55	P	P	17 47 55.4	-0.3
K58A	Earlville	63.53	54	P	P	17 47 55.7	-0.2
K58A	Earlville	63.53	54	P	P	17 47 55.3	-0.5
R53A	Hurricane	63.55	61	P	P	17 47 55.9	-0.1
R53A	Hurricane	63.55	61	P	P	17 47 55.5	-0.6
J59A	Piesco	63.56	53	P	P	17 47 55.1	-1.0
J59A	Piesco	63.56	53	P	IAMB	17 47 56.5	
J59A	Piesco	63.56	53	P	P	17 47 54.9	-1.2
N56A	West Decatur	63.56	57	P	P	17 47 55.6	-0.5
O55A	Ligonier	63.57	58	P	P	17 47 55.7	-0.5
X48A	Hartselle	63.59	67	P	P	17 47 55.3	-1.0
H60A	Morristown	63.61	51	P	P	17 47 55.8	-0.5
G61A	St-Isidore-de-	63.61	49	P	P	17 47 55.7	-0.6
I59A	Olmsteadville	63.62	52	P	P	17 47 55.3	-1.1
SWET	Seewane	63.66	66	P	P	17 47 55.9	-0.9
SWET	Seewane	63.66	66	P	IAMB	17 47 56.4	
Q54A	Coxs Mills	63.67	60	P	P	17 47 56.0	-0.7
Q54A	Coxs Mills	63.67	60	P	IAMB	17 49 34.4	
Q54A	Coxs Mills	63.67	60	P	P	17 47 56.5	-0.3
MCWV	Mont Chateau	63.69	59	P	P	17 47 56.7	-0.2
146A	Union	63.77	70	P	P	17 47 57.8	+0.3
BINY	Binghamton	63.78	54	P	P	17 47 57.2	-0.3
BINY	Binghamton	63.78	54	P	IAMB	17 47 58.5	
BINY	Binghamton	63.78	54	P	P	17 47 57.2	-0.3
P55A	Reedsville	63.81	59	P	P	17 47 57.3	-0.5
D63A	Stockholm	63.82	46	P	P	17 47 57.0	-0.6
M57A	Sunshine Farm,	63.85	56	P	P	17 47 57.7	-0.2
M57A	Sunshine Farm,	63.85	56	P	IAMB	17 47 59.5	
M57A	Sunshine Farm,	63.85	56	P	P	17 47 57.4	-0.5
I60A	Shoreham	63.86	51	P	P	17 47 57.5	-0.4
T52A	Hallie	63.89	63	P	P	17 47 58.5	+0.2
T52A	Hallie	63.89	63	P	IAMB	17 48 02.6	
V53A	Hallie	63.89	63	P	P	17 47 57.9	-0.4
O56A	Blue Knob Stat	63.91	57	P	P	17 47 58.5	+0.1
O56A	Blue Knob Stat	63.91	57	P	IAMB	17 50 09.8	
O56A	Blue Knob Stat	63.91	57	P	P	17 47 57.7	-0.7
K59A	Cooperstown	63.91	53	P	P	17 47 57.7	-0.6
Z47A	Carrollton	63.92	69	P	P	17 47 58.2	-0.3
S53A	Williamson	63.94	62	P	P	17 47 58.2	-0.4
L58A	Harry Jones Me	63.96	54	P	P	17 47 58.2	-0.5
SSPA	Standing Stone	63.98	57	P	P	17 47 58.2	-0.6
SSPA	Standing Stone	63.98	57	P	P	17 47 58.4	-0.4
H61A	Lyndonville	63.99	50	P	P	17 47 58.2	-0.6
TZTN	Tazewell	64.00	63	P	P	17 47 59.0	0.0
W50A	Signal Mountai	64.01	66	P	P	17 47 58.5	-0.6
W50A	Signal Mountai	64.01	66	P	IAMB	17 48 03.2	
Q55A	Buckhannon	64.06	59	P	P	17 47 59.1	-0.3
N57A	Milroy	64.06	56	P	P	17 47 59.9	-0.4
V51A	Loudon	64.10	64	P	P	17 47 59.2	-0.5
V51A	Loudon	64.10	64	P	IAMB	17 48 01.1	
G62A	West of Eustis	64.12	49	P	P	17 47 58.8	-0.8
G62A	West of Eustis	64.12	49	P	IAMB	17 48 00.2	
G62A	West of Eustis	64.12	49	P	P	17 47 59.0	-0.6

2014 MAR

PQI	baz=320,SNR=5.7	64.14	46	P	P	17 47 58.7	-1.1
PQI	Presque Isle	64.14	46	P	IAMB	17 48 00.8	
E63A	comp=Z,83nm,1.9s	64.16	47	P	P	17 47 58.8	-1.1
E63A	Oxbow	64.16	47	P	IAMB	17 47 59.8	
M58A	comp=Z,35nm,1.4s	64.16	47	P	P	17 47 58.9	-0.9
M58A	Oxbow	64.16	47	P	P	17 47 59.8	-0.2
R54A	Price's Panora	64.18	61	P	P	17 48 00.0	-0.1
LBNH	baz=318,SNR=9.0	64.21	50	P	P	17 47 59.5	-0.7
T53A	Wise	64.23	62	P	P	17 48 00.5	-0.1
J60A	baz=318,SNR=8.0	64.25	52	P	P	17 47 59.9	-0.6
L59A	Lant Hill Farm	64.25	54	P	P	17 48 00.2	-0.5
L59A	Walton	64.25	54	P	IAMB	17 48 01.8	
L59A	Walton	64.25	54	P	P	17 48 00.1	-0.5
CPCT	comp=Z,19nm,0.7s	64.27	65	P	P	17 48 00.3	-0.5
CPCT	Cooper Cave	64.27	65	P	IAMB	17 48 01.9	
S54A	comp=Z,25nm,0.5s	64.29	61	P	P	17 48 00.6	-0.3
S54A	Dingess, Beckl	64.29	61	P	IAMB	17 48 01.9	
S54A	Dingess, Beckl	64.29	61	P	P	17 48 00.6	-0.3
H62A	comp=Z,139nm,1.9s	64.32	50	P	P	17 48 00.2	-0.8
H62A	Milan	64.32	50	P	IAMB	17 48 01.8	
H62A	Milan	64.32	50	P	P	17 48 00.1	-0.8
FPAL	baz=319,SNR=9.5	64.33	66	P	P	17 48 00.7	-0.6
FPAL	Fort Paine	64.33	66	P	IAMB	17 48 01.6	
P56A	comp=Z,53nm,1.0s	64.33	58	P	P	17 48 00.8	-0.3
P56A	Dayton Farm, R	64.33	58	P	P	17 48 01.0	-0.3
KSPA	Keystone Cole	64.36	55	P	P	17 48 01.0	-0.3
Y49A	Blount Mountai	64.40	67	P	P	17 48 00.6	-0.9
F63A	Nahmakanata, Br	64.40	48	P	P	17 48 00.5	-1.0
TBLU	baz=320	64.41	356	eP	P	17 48 00.4	-0.8
E64A	Troheim	64.42	46	P	P	17 48 00.4	-1.1
N58A	Bridgewater	64.42	46	P	P	17 48 00.4	-1.1
N58A	baz=320,SNR=8.8	64.42	46	P	P	17 48 01.1	-0.5
N58A	Sunbury	64.42	56	P	P	17 48 01.1	-0.5
N58A	Sunbury	64.42	56	P	P	17 48 01.1	-0.5
O57A	baz=318,SNR=5.5	64.42	57	P	P	17 48 01.1	-0.6
O57A	Amberson	64.42	57	P	P	17 48 01.1	-0.6
V52A	baz=318,SNR=7.5	64.49	64	P	P	17 48 01.8	-0.4
V52A	Sievierville	64.49	64	P	IAMB	17 48 06.2	
Q56A	comp=Z,117nm,1.9s	64.49	59	P	P	17 48 02.0	-0.2
Q56A	Snyder Ridge,	64.49	59	P	P	17 48 02.0	-0.2
TKL	baz=318	64.53	64	P	P	17 48 01.5	-0.9
TKL	Tuckaleechee C	64.53	64	P	pmx	17 48 01.5	-0.9
TKL	Tuckaleechee C	64.53	64	P	P	17 48 01.5	-0.9
BATG	comp=Z,14nm,0.5s	64.53	45	P	P	17 48 01.8	-0.4
BATG	Bathurst New B	64.53	45	P	IAMB	17 49 25.9	
M59A	comp=Z,61nm,1.8s	64.54	54	P	P	17 48 02.0	-0.4
M59A	Waymart	64.54	54	P	P	17 48 02.0	-0.4
R55A	baz=319,SNR=7.0	64.56	60	P	P	17 48 02.1	-0.6
R55A	Marion	64.56	60	P	P	17 48 02.1	-0.6
KMI	comp=Z,61nm,1.8s	64.56	279	P	P	17 48 04.5	+1.4
KMI	Kunming	64.56	279	P	pmx	17 48 04.5	+1.4
KMI	Kunming	64.56	279	P	pmx	17 48 04.5	+1.4
J61A	comp=Z,5.0nm,0.5s	64.59	51	P	pmx	17 48 02.1	-0.6
J61A	Chester	64.59	51	P	P	17 48 02.1	-0.6
F64A	baz=319	64.62	47	P	P	17 48 01.7	-1.1
F64A	Sherman	64.62	47	P	P	17 48 01.9	-0.9
F64A	Sherman	64.62	47	P	P	17 48 01.9	-0.9
G63A	baz=320,SNR=6.5	64.62	48	P	P	17 48 02.2	-1.0
G63A	Kingsbury	64.62	48	P	P	17 48 02.2	-1.0
LRAL	baz=320	64.65	68	P	P	17 48 02.3	-1.0
LRAL	Lakeview Retre	64.65	68	P	IAMB	17 48 04.1	
LRAL	Lakeview Retre	64.65	68	P	P	17 48 02.3	-1.0
T54A	comp=Z,25nm,0.5s	64.69	62	P	P	17 48 03.6	0.0
T54A	Fazewell	64.69	62	P	P	17 48 03.6	0.0
X51A	baz=318,SNR=14	64.73	66	P	P	17 48 03.8	0.0
X51A	Calhoun	64.73	66	P	P	17 48 03.8	0.0
S55A	baz=318	64.74	60	P	P	17 48 03.5	-0.3
S55A	Levburg	64.74	60	P	P	17 48 03.5	-0.3
K61A	baz=318	64.76	52	P	P	17 48 03.1	-0.7
K61A	Williamstown	64.76	52	P	P	17 48 03.1	-0.7
I62A	baz=319	64.77	50	P	P	17 48 03.0	-0.8
I62A	Tamworth	64.77	50	P	P	17 48 03.0	-0.8
H63A	baz=320	64.77	49	P	P	17 48 03.3	-0.6
H63A	New Sharon	64.77	49	P	P	17 48 03.3	-0.6
P57A	comp=Z,27nm,0.7s	64.77	58	P			

25d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPIG, SOX, SBX, CBX, Cerro Bola, Cerro Bola, HSIQ, HSIQ, NZIG, NZIG.

UPP 25 18:27:28.5:0.1, 67.05N:20:97E, h0km, ML1.9, Explosion
HEL 25 18:27:29.0:0.0, 67.05N:20:95E, h0km, ML2.1, ML1.9(UPP), Explosion
IDC 25 18:27:30.0:1.3, 67.05N:21:09E, h0km, mb1 2.8/3, mb1 mx2.7/3.5, mbtmp2.7/3, ML1.9/2, Error ellipse:
s-maj=24.2km s-min=10.0km az=104.0

Main table for 25d 19h section, listing station codes, names, coordinates, and observation details.

IDC 25 18:36:26.3:2.6, 65.65S:129.84E, h123km, 36km, mb3.6/1, mb 3.4/5, mb1mx3.2/3.0, mbtmp3.8/5, MS3.9/1, MS1 3.9/1, ms1 mx2.9/2.5, Error ellipse: s-maj=66.8km s-min=16.2km az=92.0, Banda Sea

Table listing station codes and names for the IDC 25 18:36:26.3:2.6 event.

NCC 25 18:59:08.7:0.7, 37.46N:71.50E, h172km, 140km, mb3.0, mpv3.5, 1C-3D, Error ellipse: s-maj=78.7km s-min=53.1km az=9.0, Afghanistan-Tajikistan border region

Table listing station codes and names for the NCC 25 18:59:08.7:0.7 event.

NIED 25 19:08:00, 39.60N:142.10E, h56km, Mw3.7 Best double couple: M3.610000*1014 NP1.5*126.0000*, 674.00000*, lambda=65.00000*, NP2.0*245.0000*, 629.00000*, lambda=147.00000*

JMA 25 19:08:06.6, 39.63N:142.13E, h48km, 1km, M3.4, Near east coast of eastern Honshu

Table listing station codes and names for the JMA 25 19:08:06.6 event.

2014 MAR

JMA 25 19:26:08.0:0.2, 32.16N:138.09E, h401km, M3.5, IDC 25 19:26:09.5:0.6, 32.00N:137.92E, h371km, 6km, mb3.1/1.8, mb1 3.3/2.5, mb1mx3.1/5.3, mbtmp3.9/2.5, Error ellipse: s-maj=12.3km s-min=9.5km az=81.0, NEIC 25 19:26:09.4:1.7, 31.98N:108.137:9E:0.1, h371km, 7km, mb4.0/3.1, Error ellipse: s-maj=13.3km s-min=11.2km az=90.0, ISC 25 19:26:09.5:0.6, 32.01N:0.05:138.05E:0.05, h375km, 6km, n107, r132/119, mb3.7/3.2, Southeast of Honshu

Main table for 2014 MAR section, listing station codes, names, coordinates, and observation details.

KEA 25 19:27:42.0:0.0, 40.43N:122.27E, h0km, ML3.2/3, Northeastern China

Table listing station codes and names for the KEA 25 19:27:42.0:0.0 event.

KEA 25 19:28:33.5:0.0, 40.43N:122.27E, h0km, ML3.6/4, BUJ 25 19:28:34.6:0.0, 40.45N:122.31E, h8km, ML3.9/10, h35.5/1, M6.7 3.5/1

ISC 25 19:28:33.5:0.0, 40.47N:122.36E:0.03, h10km, n12, c2538/21, D, Northeastern China

Main table for 2014 MAR section, listing station codes, names, coordinates, and observation details.

1440

Table listing station codes and names for the 1440 section.

Table listing station codes and names for the 1440 section.

KEA 25 19:28:33.5:0.0, 40.43N:122.27E, h0km, ML3.6/4, BUJ 25 19:28:34.6:0.0, 40.45N:122.31E, h8km, ML3.9/10, h35.5/1, M6.7 3.5/1

ISC 25 19:28:33.5:0.0, 40.47N:122.36E:0.03, h10km, n12, c2538/21, D, Northeastern China

Main table for 1440 section, listing station codes, names, coordinates, and observation details.

THE 25 19:30:33.7, 38.26N:20.42E, h11km, 1km, ML2.6/8, Error ellipse: s-maj=1.3km s-min=0.3km az=227.0

ATH 25 19:30:33.9, 38.26N:20.42E, h8km, 1km, ML2.5/2, Error ellipse: s-maj=2.2km s-min=0.9km az=254.0

ISC 25 19:30:34.2:1.7, 38.27N:0.02:20.44E:0.05, h8km, 8km, n21, c0423/9, Greece

Main table for 1440 section, listing station codes, names, coordinates, and observation details.

25d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ULM, RAR, PSZ, VYHS, GERES, etc.

ICD 25:19:54:50.0,0.5,2.71S;.140:50E,h0km,mb4.2/21, mb1.4,3/23,mb1mx4.2/29,mbmp4.2/23,ML2.0/1,MS3.7/10, Ms1.3/7.10,ms1mx3.4/29,Error ellipse:s-maj=19.5km s-min=13.3km az=86.0

DJA 25:19:54:52.0,0.4,3.5S;.141:51E,h10km,mb4.9/12, mb4.7/12,mb5.3/3,MLv4.9,Mw(MB)4.8/3 NEIC 25:19:54:52.0,0.4,3.76S;.0.9,140:44E,0.07,h38km,6km, mb4.6/39,Error ellipse:s-maj=13.1km s-min=10.3km az=195.0

ISC 25:19:54:53.0,0.4,2.77S;.005:140:48E,0.06,h24km,n127, r126/120,mb4.5/32,MS3.6/8,Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JAY, GENI, WAMI, BAKI, etc.

2014 MAR

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSRS, RPSI, GSI, CM31, etc.

1442

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

Bull 25:19:56:10.3,0.0,5.99S;155:50E,h181km,mb4.8/27, mb4.5/38 MOS 25:19:56:12.8,0.0,6.05S;154:92E,h182km,mb4.5/8,Error ellipse:s-maj=8.0km s-min=7.2km az=93.6

Table with columns: Station Name, Frequency, Mode, Signal, and Time. Includes stations like SPSI Sidrap Palu, FORT Forrest, WBSI Waikabubak, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and Time. Includes stations like GYA, GSI Gunungsitoli, KLR Kul'dur, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and Time. Includes stations like WMQ, WMO, WMO, etc.

Table with columns: TXAR, Lajitas Array, Paso Flores, PLCA, CPUP, Villa Flores. Includes station names, coordinates, and status.

IDC 25 20:48:53.8, 6.7, 7.71N, 94.97E, h0km, mb4.0/8, mb1 4.1/8, mb1mx3.7/37, mbtmp4.0/8, Error ellipse: s-maj=154.0km, s-min=72.5km az=133.0

NEIC 25 20:48:57.0, 1.4, 8.0N, 0.1, 94.7E, 0.2, h9km, km, mb4.3/9, Error ellipse: s-maj=26.0km s-min=12.1km az=59.0

ISC 25 20:49:00.4, 0.9, 8.0N, 0.1, 94.9E, 0.2, h35km, n26, c0597/25, mb4.2/12, Nicobar Islands

Main table for station data under Nicobar Islands. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LHMI, CMAR, MK31, etc.

NEIC 25 21:21:04.6, 1.9, 20.75S, 0.0, 169.85E, 0.0, h99km, 9km, mb4.2/9, Error ellipse: s-maj=13.3km s-min=7.2km az=46.0

IDC 25 21:21:06.4, 1.8, 20.78S, 169.69E, h106km, 10km, mb3.9/8, mb1 4.1/9, mb1mx3.7/38, mbtmp4.3/9, MS3.5/3, Ms1 3.5/3, ms1mx3.0/30, Error ellipse: s-maj=39.6km s-min=17.7km az=147.0

ISC 25 21:21:03.5, 0.8, 20.8S, 0.1, 169.90E, 0.0, h90km, n26, c0597/24, mb4.3/11, Vanuatu Islands

Main table for station data under Vanuatu Islands. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, MSVF, OUZ, MGZ, etc.

IDC 25 21:24:03.7, 1.8, 4.38N, 122.42E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/38, mbtmp3.6/3, MS3.4/1, Ms1 3.6/1, ms1mx2.6/38, Error ellipse: s-maj=213.5km s-min=26.5km az=62.0, Celebes Sea

Table for station data under Celebes Sea. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA, CMAR, PMSA, etc.

SJA 25 21:26:55.4, 0.8, 2.6S, 89S, 71.97W, h30km, ML4.6, MW4.3 VAO 25 21:27:00.2, 0.5, 2.6S, 86S, 72.12W, h50km, mb4.5 IDC 25 21:27:05.4, 0.7, 2.6S, 87S, 70.64W, h0km, mb4.4/8, mb1 4.1/2, mb1mx2.4/32, mbtmp4.3/12, ML4.2/4, MS3.3/10, Ms1 3.3/10, ms1mx2.3/30, Error ellipse: s-maj=23.1km s-min=14.2km az=106.0

NEIC 25 21:27:07.6, 26.42S, 71.20W, h33km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr: 99, Mss: 0.03, Mss: 1.95, Mss: 0.06, Mss: 0.64; Fault plane solution: M2, 16000, 10^15; NP1: 347, 05000, 0.53, 64000, 1.94, 38000, NP2: 159, 7000, 0.36, 58000, 1.84, 08000. Principal axes: T 2.0875, Pz 161.0000, Azm77.0000, N 0.1461, Plg4.0000, Azm164.0000; P -2.2336, Plg9.0000, Azm74.0000; GUC 25 21:27:07.4, 0.7, 26.45S, 70.90W, h65km, 999km, ML4.3 NEIC 25 21:27:08.1, 2.4, 26.45S, 0.03, 71.01W, 0.10, h27km, 4km, mb4.4/12, MW4.2/22, ML4.3(GUC), Error ellipse: s-maj=12.0km s-min=5.7km az=91.0

ISC 25 21:27:08.1, 1.3, 26.46S, 0.03, 70.81W, 0.06, h26km, 8km, n129, c159/137, mb4.7/11, MS3.5/4, Near coast of northern Chile

Main table for station data under northern Chile. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like G003, G003, G003, etc.

NEIC 25 21:27:07.6, 26.42S, 71.20W, h33km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr: 99, Mss: 0.03, Mss: 1.95, Mss: 0.06, Mss: 0.64; Fault plane solution: M2, 16000, 10^15; NP1: 347, 05000, 0.53, 64000, 1.94, 38000, NP2: 159, 7000, 0.36, 58000, 1.84, 08000. Principal axes: T 2.0875, Pz 161.0000, Azm77.0000, N 0.1461, Plg4.0000, Azm164.0000; P -2.2336, Plg9.0000, Azm74.0000; GUC 25 21:27:07.4, 0.7, 26.45S, 70.90W, h65km, 999km, ML4.3 NEIC 25 21:27:08.1, 2.4, 26.45S, 0.03, 71.01W, 0.10, h27km, 4km, mb4.4/12, MW4.2/22, ML4.3(GUC), Error ellipse: s-maj=12.0km s-min=5.7km az=91.0

Main table for station data under northern Chile. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like G003, G003, G003, etc.

PTGA Pitinga 27.63 24 eP P 21 32 49.5 +4.2 SMTB Santa Maria do 28.12 56 eP P 21 32 57.1 -1.1 SJBW Sao Joao De Ma 28.30 80 eP P 21 33 00.2 -0.2 PRPB Parauapebas 28.42 48 eP P 21 32 59.3 -1.6 BSFB Barra de Sao F 28.63 81 eP P 21 33 03.3 +0.6 ROSC C1 Resal 31.30 359 LR LR 21 47 03.3

NEIC 25 21:27:07.6, 26.42S, 71.20W, h33km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr: 99, Mss: 0.03, Mss: 1.95, Mss: 0.06, Mss: 0.64; Fault plane solution: M2, 16000, 10^15; NP1: 347, 05000, 0.53, 64000, 1.94, 38000, NP2: 159, 7000, 0.36, 58000, 1.84, 08000. Principal axes: T 2.0875, Pz 161.0000, Azm77.0000, N 0.1461, Plg4.0000, Azm164.0000; P -2.2336, Plg9.0000, Azm74.0000; GUC 25 21:27:07.4, 0.7, 26.45S, 70.90W, h65km, 999km, ML4.3 NEIC 25 21:27:08.1, 2.4, 26.45S, 0.03, 71.01W, 0.10, h27km, 4km, mb4.4/12, MW4.2/22, ML4.3(GUC), Error ellipse: s-maj=12.0km s-min=5.7km az=91.0

ISC 25 21:27:08.1, 1.3, 26.46S, 0.03, 70.81W, 0.06, h26km, 8km, n129, c159/137, mb4.7/11, MS3.5/4, Near coast of northern Chile

Main table for station data under northern Chile. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like G003, G003, G003, etc.

IDC 25 21:39:41.6, 2.1, 19.59S, 70.67W, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/26, mbtmp3.7/4, ML3.5/1, Error ellipse: s-maj=66.7km s-min=28.0km az=73.0 GUC 25 21:39:43.9, 0.7, 19.67S, 71.02W, h39km, 3km, ML3.5 ISC 25 21:39:42.1, 1.6, 19.66S, 0.03, 70.94W, 0.07, h12km, 9km, n18, c191/29, mb3.7/3, 4C-1D, Near coast of northern Chile

Main table for station data under northern Chile. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PTGA, SMTB, SJBW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

IDC 25 21:56:24.5-1.6, 1978N-121.97E, h0km, mb4.5, mb1 4.3/8, mb1mx3.4/42, mbtmp3.5/5, Error ellipse: s-maj=62.4km s-min=23.2km az=58.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

NEIC 25 22:05:04.3-2.2, 22.145S, 107.176W, 0.1, h76km, 6km, mb4.7/33, Error ellipse: s-maj=20.3km s-min=6.2km az=129.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

IDC 25 22:08:44.5-2.1, 26.60S, 170.67W, h0km, mb3.9/1, mb1 3.6/4, mb1mx3.5/29, mbtmp3.5/4, ML3.3/3, MS2.5/1, Ms1 2.5/1, ms1mx2.3/27, Error ellipse: s-maj=90.1km s-min=42.3km az=105.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PISGUC Pisagua, G001 Chusmiza, MRA San Martin, etc.

NEIC 25 22:26:19.3:1.4, 66:29N:0:02:149:84W:0:07, h17km, 8km, Error ellipse: s-maj=4.1km s-min=3.3km az=108.0

AEIC 25 22:26:19.1:1.6, 66:27N:0:03:149:84W:0:08, h16km, 6km, ML3.6, Mw3.8/13(SLM), Error ellipse: s-maj=5.3km

s-min=3.0km az=118.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=0.33; Mw=4.70;

Mw=4.37; Mr=0.37; Mw=2.81; Mr=1.25; Northern Alaska

Main table for station data in Northern Alaska, listing station names, coordinates, and seismic parameters.

JMA 25 22:31:17.5:0.1, 23:47N:121:68E, h43km, 2km, M2.8 TAP 25 22:31:18.0, 23:52N:121:63E, h42km, ML2.7, C

ISC 25 22:31:18.4:1.2, 23:50N:121:66E:0:02, h40km, 7km, n75, c074/137, 1C-3D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HGSD Ruisi, EGFH Guanqfu, EGFH, etc.

Main table for station data in Taiwan and other regions, listing station names, coordinates, and seismic parameters.

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

IDC 25 22:35:04.4:4.0, 18:20S:173:31W, h0km, mb4.1/3, mb1.4/3.3, mb1mx3.7/39, mbtmp4.1/3, Error ellipse: s-maj=853.2km s-min=182.2km az=81.0, Tonga Islands

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. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 22:36:43.6:0.7, 53:78S:3:05E, h0km, mb4.2/9, mb1.4/3.9, mb1mx4.1/28, mbtmp4.1/9, ML4.9/1, MS3.7/15, Ms1.3/7.15, ms1mx3.7/18, Error ellipse: s-maj=25.2km s-min=19.5km az=90.0

GCMT 25 22:36:51.0:0.4, 53:95S:0:02:3:01E:0:03, h27km, 1km, MV5.0/89, Moment Tensor Solution. s20,c20; s89,c111;

Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.61; 19; Mw=3.1; 14; Mw=2.50; 13; Mw=0.53; 22; Mw=0.32; 11; Mw=1.54; 28; East double couple: M3,3:28700:1016

NF1=134.00000; s64.00000; 1-17.00000; NP2: p=232.00000; s75.00000; A=153.00000; Principal axes: T 3.1870, P1g7.0000; Azm1.00000; N 0.2200,

Plg59.0000; Azm258.0000; P -3.4070, Plg30.0000; Azm95.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 25 22:36:45.3:0.6, 53:81S:0:09:3:0E:0:2, h10km, n27, r1949/20, mb4.2/9, MS3.7/14, Bouvet Island region

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

Main table for station data in Bouvet Island region, listing station names, coordinates, and seismic parameters.

26d Oh

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1448

elliptic: s-maj=11.1km s-min=7.5km az=100.0
ISC 25 22:37:43.4, 3.3, 39.54N, 0.06, 13.0W, 0.2, h10km, n36,
e1959/58, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like PMAFR Mafru, PCAS Casimiro, PTOM Tomar, etc.

MAN 25 23:11:00.9, 9.76N, 123.62E, h11km, mb4.1, ML2.9, MS2.6, 3D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like TBP Tagbilaran, SNPH Sibulan, etc.

NEIC 25 23:36:47.6, 1.6, 51.6N, 0.1, 179.3W, 0.1, h100km, 6km,
mb3.6/0, Error ellipse: s-maj=18.5km s-min=9.9km
az=171.0

ICC 25 23:36:47.3, 0.9, 51.79N, 179.35W, h93km, 7km, mb3.7/13,
mb1 3.9/16, mb1mx3.6/4, mb1mx2.0/16, MS2.9/2,
Ms1 2.9/2, ms1mx2.6/31, Error ellipse: s-maj=25.6km
s-min=10.5km az=172.0

AEIC 25 23:36:48.2, 6.5, 1.8N, 0.1, 179.2W, 0.1, h98km, 5km, Error
ellipse: s-maj=18.3km s-min=9.8km az=175.0

ISC 25 23:36:47.8, 0.6, 51.79N, 0.1, 179.30W, 0.05, h100km, n91,
e080/81, mb4.2/27, Andronof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like GAEA Gareloi East, TANO Tanaga North, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like MGDOD Makushin Gods, MREP Makushin Rep, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like ERM Ermo, JOT Ohata, etc.

ISC 26 00:17:17.6, 3.9, 3.56S, 135.69E, h0km, mb3.2/2,
mb1 3.6/3, mb1mx3.4/25, mbtmp3.4/23, ML3.6/1, Error
ellipse: s-maj=173.5km s-min=32.8km az=80.0, Irian
Jaya region

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

DDA 26 00:37:07.7, 3.4, 39.9N, 32.04E, h24km, 1km, ML 1.9
NIC 26 00:37:08.1, 0.0, 35.00N, 32.05E, h200km, 1km, ML2.7/4
ISK 26 00:37:10.1, 35.11N, 32.24E, h6km, ML2.2/12
ISC 26 00:37:09.8, 1.4, 35.02N, 32.19E, 0.06, h18km, 4km,
n24, 1929/41, Cyprus region

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

NIED 25 23:38:00.3, 39.90N, 143.50E, h14km, Mw3.9 Best double
couple: Mb8.72000x104.1, H14=12.0000, 866.0000,
1.63, 0.0000, 1.92, 0.236, 0.0000, 8.31, 0.0000, 1.12, 0.0000
ICC 25 23:38:30.8, 1.2, 39.76N, 143.69E, h0km, mb3.6/6,
mb1 3.8/10, mb1mx3.6/36, mbtmp3.7/10, ML3.2/3, MS3.1/4,
Ms1 3.1/4, ms1mx2.7/38, Error ellipse: s-maj=27.7km
s-min=18.8km az=95.0
JMA 25 23:38:33.9, 0.2, 39.91N, 143.55E, h30km, M3.6
NEIC 25 23:38:34.5, 2.8, 39.77N, 143.55E, 0.1, h24km, 8km,
mb4.1/4, Error ellipse: s-maj=14.3km s-min=9.6km
az=126.0

ISC 25 23:38:32.3, 3.4, 39.85N, 0.05, 143.57E, 0.06, h9km, 22km,
n35, e1943/39, mb3.9/8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: WHN, Wuhan, 83.86, 308, P, P, 03 41 14.0 +0.9, etc. Lists various locations and their associated data points.

Table with columns: M02C, Callahan, 85.95, 40, P, P, 03 41 25.2 +1.9, etc. Lists various locations and their associated data points.

Table with columns: BJI, BJI, BJI, comp=Z, 45nm, 0.9s, 88.42, 53, pP, pP, 03 43 25.3 +2.6, etc. Lists various locations and their associated data points.

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

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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMAN Manadas, WERN Wertitzgruen, WERN, PBCC Pribram, NKC Novy Kostel, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OZLJ Ozalj, PSMA Santa Maria, PSMJ Pico do Norte, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMTG Montargil, PMTG Montargil, UCM Universidad Co, etc.

Code Station Name Az Az' Phase ID Time Res
RAO Raoul Island 5.12 153 P P 03 37 45.9 +0.2

Table with columns: Code, Station Name, Az, El, P, Res, and various station identifiers like M04C, GVV, KCRM, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various station identifiers like DBIC, TORD, PDAR, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various station identifiers like RATZ, NMHZ, NMHZ, etc.

NEIC 26 04:01:40.3, 1.6, 27.89S:0.06, 66.72W:0.05, h165km, 6km, mb4, 0.6, Md4, 1(SJA), Error ellipse: s-maj=9.2km

NNC 26 04:21:51.1, 1.9, 48.53N:67.10E, h0km, mb3.7, mpv3.3, 5C-3D, Error ellipse: s-maj=25.2km s-min=15.5km

AFI Afiamaulu 14.66 36 P pmax pmax 04 26 16.5 -3.0

Code Station Name Az El P Phase ID Time Res h m s ISC

Code Station Name Az El P Phase ID Time Res h m s ISC

Code Station Name Az El P Phase ID Time Res h m s ISC

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

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

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

MOS 26 04:23:11.5, 1.1, 26.10S:179.41E, h486km, mb5.0/19, Error ellipse: s-maj=9.5km s-min=9.0km az=33.8

BUI 26 04:23:11.2, 0.0, 26.13S:179.65E, h490km, mb5.2/29, mb4.8/43

AFI Afiamaulu 14.66 36 P pmax pmax 04 26 17.4 -2.2

NEIC 26 04:23:12.4, 1.6, 26.08S:179.47E:0.10, h496km, 5km, mb4.9/245, Error ellipse: s-maj=13.3km s-min=11.3km

GCMT 26 04:23:14.4, 0.4, 26.13S:179.59E:0.04, h493km, 3km, MW5:8/65, Moment Tensor Solution, 165, 0.113;

AFI Afiamaulu 14.66 36 P pmax pmax 04 26 17.4 -2.2

Code Station Name Az El P Phase ID Time Res h m s ISC

Code Station Name Az El P Phase ID Time Res h m s ISC

Code Station Name Az El P Phase ID Time Res h m s ISC

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

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

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

ISC 26 04:23:12.5, 0.3, 26.12S:179.46E:0.04, h491km, 3km, h491p-P, n745, e1377732, mb4.9/193, 54C-9D, South of Fiji Islands

Code Station Name Az El P Phase ID Time Res h m s ISC

Code Station Name Az El P Phase ID Time Res h m s ISC

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

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

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

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

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

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

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

Table of seismic events for 26d 4h, listing stations like ARCES, KMBO, KTKI, etc., with columns for station name, time, magnitude, and other parameters.

Table of seismic events for 2014 MAR, listing stations like MORC, KRLC, KLLD, etc., with columns for station name, time, magnitude, and other parameters.

Table of seismic events for 1464, listing stations like MORW, WRA, WRA, etc., with columns for station name, time, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAUKUMARA RANG, WHALE ISLAND, Te KARAKA, etc.

INET 26 05:42:02.3, 12:88N-88:74W, h25km, ML3.4
SNET 26 05:42:02.5, 0.9, 12:32N-88:73W, h55km, 9km, ML3.8
UCR 26 05:42:02.6, 0.9, 12:32N-88:73W, h55km, 9km, ML3.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ALJI, JUCU, COMIT DE EME, etc.

DJA 26 05:57:09.5, 0.4, 3°S, 133°0E, h10km, M4.07, mb3.5/2,
mB5.1/2, MLV3.8/7, Mw(mb)B4.4/2
IDC 26 05:57:15.3, 2.2, 2.62S, 129.21E, h75km, 58km, mb3.8/2,
mb1.4/0.6, mb1mx3.5/37, mbtmpr4.1/6, ML4.0/4, MCS3.5/1,
Ms1.3, 5/1, ms1mx2.6/34, Error ellipse: s-maj=50.7km
s-min=20.9km az=153.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MASOHI, AMBON, BANDANAIIRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, STEPHENS CREEK, etc.

IDC 26 06:16:20.3, 4.3, 5.24S, 130.49E, h249km, 41km, mb3.5/3,
mb1.3/6.5, mb1mx3.3/20, mbtmpr4.2/5, Error ellipse:
s-maj=60.2km s-min=12.0km az=68.0
DJA 26 06:16:22.3, 0.8, 5°S, 133°0E, h200km, 5km, M4.4/6,
MLV4.3/6, MLV4.5/4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BANDANAIIRA, MASOHI, FAK FAK, etc.

JMA 26 06:40:20.9, 0.1, 23.76N, 121.54E, h34km, 3km, M3.2
TAP 26 06:40:21.2, 23.77N, 121.58E, h42km, M3.5, B
ISC 26 06:40:22.0, 1.0, 23.79N, 121.56E, h0.02, h34km, 2km,
n111, c0581/181, 2C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHILIN, SHUENGEN, HUALIEN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZHUSHAN, LIIDAU, MINGJIANG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like YM10, YM11, YM08, etc.

MEX 26 07:00:16.2±0.5, 30.25N±114.04W, h10km, MD4.3, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SPX, SPIG, 214A, etc.

IDC 26 07:01:58.3±3.4, 21.99S±177.64W, h362km, 33km, mb3.5/9, mb1 3.9/10, mb1mx3.6/21, mbtmp4.3/10, Error ellipse: s-maj=43.6km s-min=14.4km az=152.0

IDC 26 07:01:56.7±0.8, 22.1S±102.177W, h2.0, h350km, n14, c1919/14, mb3.7/5, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like AFI, STKA, ASAR, WRA, etc.

IDC 26 07:18:58.6±3.5, 26.12S±179.23E, h531km, 33km, mb3.2/5, mb1 3.5/6, mb1mx3.1/38, mbtmp4.1/6, Error ellipse: s-maj=86.2km s-min=17.9km az=163.0

IDC 26 07:19:00.4±1.7, 26.0S±179.2E±0.2, h550km, n9, c0593/10, mb3.7/5, South of Fiji Islands

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

IDC 26 07:34:43.1±1.1, 19.69S±179.63E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/41, mbtmp4.0/4, Error ellipse: s-maj=173.0km s-min=36.4km az=142.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like STKA, WRA, ASAR, ILAR.

NIED 26 07:39:00.23±90N, 122.40E, h14km, Mw3.7 Best double couple: M=4.33000x10^14 NP1:ps=59.00000, delta7.00000, lambda4.00000, NP2:ps=324.00000, delta6.00000, lambda174.00000, IDC 26 07:39:39.0±0.9, 23.99N, 122.32E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.7/45, mbtmp3.8/9, ML2.4/1, MS3.1/2, Ms1 3.1/2, ms1mx2.7/38, Error ellipse: s-maj=30.7km s-min=19.7km az=63.0

TAP 26 07:39:42.2±3.96N, 122.46E, h23km, ML4.1, D JMA 26 07:39:42.2±0.1, 23.92N, 122.43E, h21km, M3.6 ISC 26 07:39:42.2±1.1, 23.92N, 122.43E, h23km, gkm, n141, c0888/213, mb3.8/1, D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like EOS1, EOS1, EOS1, etc.

ENTT Nioudou 1.06 312 P Pn 07 40 01.9 ±0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ENT, NDT, NTC, NNSB, etc.

Table with columns: WFSB, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TWA, WRA, NHDH, etc.

ZALV	comp=Z,0.5nm,0.3s,baz=100,slow=1.6,SNR=1.7	S	S	09 04 01.0 +1.4
ZALV	comp=Z,0.5nm,0.3s,baz=312,slow=5.2,SNR=1.9	S	LR	09 16 57.9
ZALV	comp=Z,2um,18.9s,baz=116,slow=38	LR	LR	
MAKZ	Zalesovo Beam 42.74 320	P	P	08 57 37.6 -0.3
MAKZ	Makanchi 42.74 310	iP	P	08 57 39.1 -0.2
MAKZ	comp=Z,139nm,1.0s		pmax	
MAKZ	Makanchi 42.74 310	P	IAMB	08 57 38.7 -0.6
MAKZ			IAMB	08 57 41.7
PPSI	comp=Z,432nm,1.6s		P	
PPSI	Pulau Pagai 43.19 230	P	P	08 57 42.0 -1.2
TIXI	comp=Z,3um,comp=Z,25nm,1.2s		P	
TIXI	Tiksi 43.56 359	ceP	P	08 57 44.7 -0.8
TIXI			pmax	
TIXI	comp=Z,25nm,1.0s		MLR	
TIXI	comp=Z,2um,20.0s		MLR	
TIXI	Tiksi 43.56 359	P	P	08 57 44.4 -1.1
CHLP	Challavanipeta 44.43 268	eP	IAMB	08 57 53.9 +0.7
CHLP			IAMB	08 57 54.7
CHLP	comp=Z,37nm,0.9s		eS	
CHLP			IVMs_BB	09 22 56.0
SEM	comp=Z,185nm,18.3s		IVMs_BB	
SEM	Semipalatinsk 44.45 315	eP	P	08 57 50.4 -2.9
SEM	Semipalatinsk 44.45 315	eP	P	08 57 50.3 -2.9
UZB	Uzymbulak 44.52 304	eP	P	08 57 52.7 -1.2
UZB	comp=Z,107nm,1.6s		eS	
UZB	Uzymbulak 44.52 304	eS	S	09 04 30.2 +1.5
UZB			eS	08 57 52.6 -1.3
UZB			S	09 04 30.1 +1.5
UZB			pmax	
KPKS	comp=Z,107nm,1.6s		iP	
KPKS	Kokpek 44.78 305	iP	P	08 57 56.2 +0.4
KPKS	comp=Z,133nm,1.6s		eLR	
KPKS	Kokpek 44.78 305	iP	LR	09 17 46.0
KPKS			IAMB	08 57 56.2 +0.4
BILL	comp=Z,133nm,1.6s		ceP	
BILL	Bilibino 44.93 18	ceP	P	08 57 56.4 -0.1
BILL	comp=Z,94nm,1.0s		pmax	
BILL	comp=Z,996nm,17.0s		MLR	
BILL	Bilibino 44.93 18	P	P	08 57 56.2 -0.3
BILL			IAMB	08 57 57.9
SATY	comp=Z,84nm,1.0s		IAMB	
SATY	Saty 44.97 304	eP	P	08 57 57.6 +0.1
SATY	comp=Z,91nm,1.4s		eLR	
SATY	Saty 44.97 304	eP	LR	09 17 56.8
SATY			ceP	08 57 57.5 +0.1
ADK	comp=Z,91nm,1.4s		pmax	
ADK	Adak 45.00 44	P	P	08 57 56.7 -0.6
ADK	comp=Z,67nm,1.0s		pmax	
ADK	Adak 45.00 44	P	IAMB	08 57 56.7 -0.6
ADK			IAMB	08 57 57.3
KURK	comp=Z,67nm,1.0s		ceP	
KURK	Kurchatov 45.52 315	ceP	P	08 58 00.5 -1.0
KURK	comp=Z,295nm,1.2s		pmax	
KURK	Kurchatov 45.52 315	P	P	08 58 00.7 -0.8
KURK	Kurchatov 45.52 315	P	PcP	08 59 39.8 -0.2
KURRB	Kurchatov Arra 45.56 315	P	P	08 58 01.6 -0.1
KURRB	comp=Z,77nm,0.8s,baz=101,slow=8.8,SNR=3.0		PcP	
KURRB	Kurchatov Arra 45.56 315	PcP	PcP	08 59 39.8 -0.3
KURRB	comp=Z,22nm,0.9s,baz=103,slow=3.8,SNR=4.8		P	
KURRB	Kurchatov Arra 45.56 315	P	P	08 58 00.8 -1.0
MDOK	Medeo 45.97 304	eP	P	08 58 05.2 -0.1
MDOK	comp=Z,140um,1.2s		eS	
MDOK	Medeo 45.97 304	eS	LR	09 04 49.7 +0.2
MDOK			LR	09 19 50.7
MDOK	Medeo 45.97 304	eS	P	08 58 05.1 -0.2
MDOK			eS	09 04 49.7 +0.2
CHHK	Chushkaly 46.02 305	eP	P	08 58 05.2 -0.4
CHHK	Chushkaly 46.02 305	eP	P	08 58 05.2 -0.4
TNSS	Tian-Shan 46.04 304	eP	P	08 58 06.4 +0.1
TNSS	Tian-Shan 46.04 304	eP	P	08 58 06.3 +0.1
AAA	Alma-Ata 46.07 304	eP	P	08 58 05.8 -0.2
AAA	comp=Z,140um,1.2s		eLR	
AAA	Alma-Ata 46.07 304	eP	LR	09 18 27.5
AAA			P	08 58 08.2 +2.2
AAA			eS	09 04 54.5 +3.7
AAA	comp=Z,500nm,2.8s		pmax	
AAA	comp=N,200nm,7.2s		smax	
AAA	comp=Z,1um,14.0s		MLR	
FITZ	Fitzroy Crossi 46.34 188	P	P	08 58 08.7 +0.6
HNR	comp=Z,179nm,0.8s,baz=14,slow=9.2,SNR=4.29		P	
HNR	Honiara 46.37 140	P	P	08 58 08.0 -0.5
DDI	Dehra Dun 46.38 286	iP	P	08 58 09.2 +0.6
DDI			IAMB	08 58 10.6
KUU	comp=Z,153nm,0.5s		iP	
KUU	Kurty 46.49 305	iP	P	08 58 10.2 +0.9
KUU	comp=Z,300nm,1.4s		eLR	
KUU	Kurty 46.49 305	iP	LR	09 20 19.6
KUU			P	08 58 10.1 +0.9
ULHU	comp=Z,300nm,1.4s		pmax	
ULHU	Ulahoi 46.57 303	P	P	08 58 10.3 +0.2
BOOM	Booms koye usch 46.79 303	IAMB	IAMB	08 58 14.5
BOOM	comp=Z,112nm,1.2s		PcP	
BOOM	Kashi 46.88 299	P	P	08 59 45.5 +0.6
KSH	comp=Z,1um,10.8s		pP	
KSH	KKAR 08 58 20.0 -1.7		PcP	08 59 48.3 +3.1
KSH	comp=Z,1um,10.0s		PcS	09 03 43.8 +3.5
KSH	comp=Z,20nm,0.7s		S	09 05 08.0 +5.4
KSH	comp=Z,1um,8.9s		pmax	
KSH	comp=Z,2um,10.8s		pmax	
KSH	comp=Z,1um,10.0s		LR	
KSH	comp=Z,1um,12.4s		LR	
PVM	Polavaram 47.04 268	eP	P	08 58 13.7 -0.1
PVM	comp=Z,27nm,0.8s		IAMB	08 58 15.0
PVM	comp=Z,196nm,16.8s		eS	
PVM	IVMs_BB		IVMs_BB	09 22 57.5
KZA	Kyzart 47.31 303	P	P	08 58 17.4 +1.2
NDI	NDI New Delhi 47.44 284	eP	P	08 58 15.0 -1.8
DHRM	DHARAMSHALA 47.49 289	iP	P	08 58 16.9 -0.7
DHRM			IAMB	08 58 19.6
KBK	comp=Z,54nm,0.6s		P	
KBK	Karagaybulak 47.52 303	P	P	08 58 19.2 +1.7
CHMS	Chumysh 47.65 304	P	P	08 58 18.9 +0.5
CHMS	comp=Z,398nm,1.3s		pmax	
CHMS	Chumysh 47.65 304	iP	pmax	08 58 18.6 +0.2
SGDS	Sogindy 47.73 304	eP	P	08 58 19.3 +0.3
USDP	Ospenovka 47.83 304	eLR	LR	09 21 30.1
USDP	SNR=112		LR	08 58 21.1 +1.3
AAK	Ala-Archa 47.85 303	P	P	08 58 20.4 +0.3
AAK	comp=Z,75nm,0.9s,baz=109,slow=6.0,SNR=158		P	
AAK	Ala-Archa 47.85 303	P	P	08 58 21.5 +1.5
AAK	Ala-Archa 47.85 303	iP	P	08 58 21.2 +1.1
AAK	Ala-Archa 47.85 303	iP	P	08 58 21.2 +1.1
AAK	Ala-Archa 47.85 303	iP	P	08 58 20.2 +0.1
AAK	comp=Z,145nm,1.2s		pmax	
AAK	Ala-Archa 47.85 303	P	P	08 58 20.3 +0.3
AAK			IAMB	08 58 22.6
UCH	Uchter 47.85 303	P	P	08 58 21.6 +1.2
WRAB	Tennant Creek 47.88 176	deP	P	08 58 20.2 0.0
WRAB			pmax	

WRAB	comp=Z,234nm,0.9s		P	
WRAB	Tennant Creek 47.88 176	P	P	08 58 20.2 0.0
WRAB	Warramunga Arr 47.89 176	P	P	08 58 20.3 0.0
WRAB	comp=Z,202nm,0.8s,baz=352,slow=8.3,SNR=209		P	
WRAB	Warramunga Arr 47.89 176	P	P	08 58 18.8 -1.5
WRA	comp=Z,15nm,0.8s		pmax	
WRA	Warramunga Arr 47.89 176	P	P	08 58 18.8 -1.5
WRA	Warramunga Arr 47.89 176	P	P	08 58 20.1 -0.2
WRA	Warramunga Arr 47.89 176	P	P	08 58 21.0 -0.3
WRA	Warramunga Arr 47.89 176	eP	P	08 58 20.5 -0.2
MYLAV	Mylavaram 48.11 268	eP	P	08 58 22.4 +0.3
MYLAV	comp=Z,31nm,0.8s		IAMB	08 58 23.7
MYLAV	comp=Z,31nm,0.8s		S	
MYLAV			IVMs	09 05 21.3 +1.0
MYLAV			IVMs	09 24 59.8
BTLS	comp=Z,159nm,13.9s		eP	
BTLS	Baital 48.14 307	eP	P	08 58 21.9 -0.3
BTLS	Baital 48.14 307	eS	P	09 05 21.6 +1.5
BTLS	Baital 48.14 307	eS	P	08 58 21.8 -0.3
NRK	Nori'sk 48.38 341	P	P	08 58 22.9 +0.5
NRK	comp=Z,44nm,0.9s,baz=117,slow=8.3,SNR=55		LR	
NRK	Nori'sk 48.38 341	iP	LR	09 20 31.2
NRK	comp=Z,1um,19.7s,baz=140,slow=36		LR	
NRK	Nori'sk 48.38 341	iP	LR	08 58 22.7 -0.8
NRK			pmax	
NRK			pmax	
EKS2	Erkin-Say 48.38 303	P	P	08 58 22.5 +1.4
AML	Almayashu 48.46 303	P	P	08 58 27.1 +2.0
RPR	Rampur 48.50 271	eP	P	08 58 25.4 +0.2
RPR	comp=Z,32nm,1.0s		IAMB	08 58 26.2
RPR	Bhopal 48.70 277	iP	P	09 05 24.6 -1.3
RPR	Bhopal 48.70 277	iP	IAMB	08 58 26.3 -0.4
RPR	Bhopal 48.70 277	iP	IAMB	08 58 27.9
ADKI	Addanki 49.05 267	eP	P	08 58 30.4 +0.9
ADKI	comp=Z,32nm,1.0s		IAMB	08 58 31.6
ADKI	comp=Z,32nm,1.0s		eS	
ADKI	IVMs_BB		IVMs_BB	09 05 34.4 +0.8
ADKI	IVMs_BB		IVMs_BB	09 26 37.9
BRZS	Berezni 49.23 313	iP	P	08 58 30.4 0.0
BRZS	comp=Z,162nm,10.2s		LR	
BRZS	Berezni 49.23 313	iP	LR	09 20 46.6
BRZS	Berezni 49.23 313	iP	P	08 58 30.3 0.0
BRZS	comp=Z,194nm,1.8s		pmax	
SRSP	Sriramsagar 49.32 271	eP	P	08 58 31.6 +0.1
SRSP	comp=Z,28nm,0.7s		IAMB	08 58 32.3
SRSP	comp=Z,28nm,0.7s		eS	
SRSP	IVMs_BB		IVMs_BB	09 05 35.6 -1.8
SRSP	IVMs_BB		IVMs_BB	09 22 37.5
NJS	Nagarjunasagar 49.36 268	eP	P	08 58 32.1 +0.3
NJS	comp=Z,25nm,0.9s		IAMB	08 58 32.9
NJS	comp=Z,25nm,0.9s		eS	
NJS	IVMs_BB		IVMs_BB	09 26 20.2
HYB	Hyderabad 49.69 269	iP	P	08 58 34.0 -0.3
HYB	Hyderabad 49.69 269	iP	P	08 58 34.0 -0.3
HYB	Hyderabad 49.69 269	iP	P	08 58 34.6 +0.2
HYB	Hyderabad 49.69 269	iP	IAMB	08 58 36.1
HYB	Hyderabad 49.69 269	iP	P	08 58 34.5 +0.1
HYB	Hyderabad 49.69 269	iP	IAMB	08 58 35.2
HYBB	comp=Z,18nm,0.8s		eS	
HYBB	IVMs_BB		IVMs_BB	09 05 42.4 -0.3
HYBB	IVMs_BB		IVMs_BB	09 23 34.6
NIL	Nilore 49.77 292	P	P	08 58 35.7 +0.9
NIL	comp=Z,216nm,0.8s		pmax	
NIL	Nilore 49.77 292	P	P	08 58 35.7 +0.9
NIL	Nikotski High 49.90 43	IAMB	IAMB	08 58 45.9
SRML	Srisaillam 49.90 268	eP	P	08 58 36.3 +0.4
SRML	comp=Z,37nm,1.0s		IAMB	08 58 37.0
SRML	comp=Z,37nm,1.0s		eS	
SRML	IVMs_BB		IVMs_BB	09 05 45.5 -0.1
SRML	IVMs_BB		IVMs_BB	09 26 46.0
MDRS	Chennai 49.96 263	iP	P	08 58 38.2 +1.9
MDRS	comp=Z,35nm,0.8s		IAMB	08 58 40.4
MDRS	comp=Z,35nm,1.0s		IAMB	08 58 44.7
CTA	Charters Tower 50.02 162	LR	LR	09 18 40.6
CTA	comp=Z,353nm,18.2s,baz=353,slow=35		LR	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MOX Moxa, HAPS Han Pijesak, RUDO Rudo, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like WATA Wattenberg, WTTA Wattenberg, WTTA Wattenberg, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SRU San Rafael Swe, BNI Bardonecchia, NEE2 Needles Airpor, etc.

26d 9h

Table of station data for 26d 9h, including call signs (e.g., H11N1, H11N3), frequencies, and various status indicators.

2014 MAR

Table of station data for 2014 MAR, including call signs (e.g., KBL, KBL), frequencies, and various status indicators.

1476

Table of station data for 1476, including call signs (e.g., YULB, HGSD), frequencies, and various status indicators.

JMA 26 09:43:17.5:0.1, 23:27N: 121:55E, h0km, M3.4
TAP 26 09:43:19.7:23:30N: 121:41E, h17km, ML3.7, C
ISC 26 09:43:19.4:0.8, 23:29N: 01:121:48E:0.02, h18km, 5km,
n115, c08/88/209, 17C-4D, Taiwan

Table with columns: CHY, Chiayi, 0.99 282, jP, Pb, 09 43 38.5 +0.4, etc. Lists various stations and their coordinates.

Table with columns: JYNG, Yonagunijimaku, 1.77 49, P, Pn, 09 43 49.9 +0.6, etc. Lists stations in the Yonaguni area.

SJA 26 09:48:58.0, 0.8, 19:79S; 71:01W, h12km, 4M, 3L3.9, MW3.8
IDC 26 09:48:58.4, 1.6, 19:68S; 70:78W, h0km, mb4.0/4, m1 4.2/6, mb1mx3.8/30, mbtmp4.1/6, ML4.0/2, MS3.8/2, Ms1 3.8/2, ms1mx3.0/27, Error ellipse: s-maj=34.6km s-min=26.7km az=63.0
NEIC 26 09:49:00.9, 2.5, 19:83S; 0:04, 70:90W, 0:07, h22km, 5km, s-min=6.4km az=100.0
GUC 26 09:49:02.6, 0.6, 19:82S; 70:80W, h39km, 3km, ML4.0
ISC 26 09:48:58.6, 1.4, 19:80S; 0:02, 70:94W, 0:05, h5km, 9km, m2, s=131/85, mb4.2/7, 5C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists station codes and their details.

Table with columns: LVC, comp=Z, 3.1nm, 0.3s, baz=106, slow=12, SNR=6.5, Sn, Sn, 09 50 33.9 +1.0, etc. Lists stations in the LVC region.

JMA 26 10:15:03.6, 0.2, 32:82N; 137:96E, h372km, M3.2
IDC 26 10:15:05.3, 0.7, 32:73N; 137:88E, h355km, 11km, mb3.3/5, mb1 3.3/10, mb1mx3.0/54, mbtmp4.0/10, Error ellipse: s-maj=26.5km s-min=13.5km az=60.0
ISC 26 10:15:05.1, 0.9, 32:76N; 0:08, 137:81E; 0:07, h341km, n27, s=1970/31, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists station codes and their details.

IDC 26 10:17:12.0, 1.8, 0:84S; 133:30E, h0km, mb4.0/3, mb1 4.2/6, mb1mx3.7/45, mbtmp4.1/6, ML4.3/2, Error ellipse: s-maj=35.3km s-min=17.6km az=64.0
DJA 26 10:17:18.3, 1.1, 1:5, 6:13, 3E, h24km, 12km, M4.4/8, mb4.7/4, mb5.5/1, MLV4.4/8, MLV4.4/2, MW(mB)5.0/1
ISC 26 10:17:16.3, 1.0, 0:69S; 0:08, 133:28E; 0:06, h28km, n17, s=1540/23, mb4.2/3, Irian Jaya region

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists station codes and their details.

26 10h

ASAR Alice Springs 22.85 179 P P 10 22 16.9 -0.7
ASAR Stephens Creek 32.00 167 P S 10 26 25.6 +0.1
STKA 1.1nm, 1.0s, baz=4.6, slow=20, SNR=77
MKAR Makanchi Array 64.92 324 P P 10 27 53.6 +0.2
KSH Kashi 65.78 314 P P 10 27 59.0 -0.2

MOS 20:10:26.02:4.1, 0.51:29N:178:91W, h47km, mb4, 9/49,
Error ellipse: s-maj=7.4km s-min=5.4km az=90.3
IDC 20:10:26:02:1.2, 4.51:37N:178:90W, h30km, 16km, mb4, 3/35,
mb1 4.4/37, mb1mx4.3/54, mbtmp4.5/37, ML2.8/1, MS3.6/19,
Ms1 3.6/19, ms1mx3.4/41, Error ellipse: s-maj=14.8km
s-min=9.0km az=157.0
AEIC 20:10:26:04:2.5, 5.1:25N:10:09:178:76W:0.09, h20km, 4km,
ML4.5/38, mb4.8/265(NK), Error ellipse: s-maj=13.2km
s-min=7.2km az=157.0
ISC 20:10:26:05:0.7, 5.1:35N:0:07:178:91W:0.03, h59km, 5km,
n763, r109/764, mb4.8/164, MS3.6/23, 38C-9D,

Andromed Islands

Code Station Name Az AZ Phase ID Time Res
GAEA Gareloi East 0.44 13 Op Pn 10 26 15.2 -1.6
TASE Tanaga Southeast 0.72 48 Pn 10 26 18.6 -1.4
TANO Tanaga North 0.75 41 Pn 10 26 19.2 -1.0
TAFP Tanaga Falls P 0.79 46 Pn 10 26 19.3 -2.0
TAPA Tanaga Point A 0.82 55 Pn 10 26 19.8 -1.4
KIMD Kanaga Island 1.12 68 Pn 10 26 23.1 -2.0
KIKV Kanaga Island 1.20 63 Pn 10 26 24.8 -1.4
KIWB Kanaga Island 1.20 65 Pn 10 26 24.3 +8.1
KIWB Kanaga Island 1.20 65 Pn 10 27 01.3 -2.0
KICM Kanaga Island 1.21 61 Pn 10 26 25.3 -0.9
KIRH Kanaga Island 1.25 63 Pn 10 26 25.6 -1.2
ADK Adak 1.48 68 P Pn 10 26 28.3 -1.6
ADK Adak 1.48 68 Pn 10 26 28.2 -1.6
ADK Adak 1.48 68 Pn 10 26 47.7 -0.6
ADK Adak 1.48 68 Sn 10 26 28.4 -1.6
ADAG Mount Adagadak 1.57 66 Pn 10 26 30.2 -0.9
GSSP Great Sitkin S 1.85 65 Pn 10 26 34.3 -0.6
GSTD Great Sitkin T 1.86 67 Pn 10 26 34.2 -0.8
GSTD Great Sitkin T 1.86 67 Pn 10 26 37.4 -0.8
GSIMY Great Sitkin M 1.90 68 Pn 10 26 34.6 -1.0
GSTR Great Sitkin T 1.92 66 Pn 10 26 35.4 -0.5
ATKA Atka Island 3.05 72 Pn 10 26 50.4 -0.7
ATKA Atka Island 3.05 72 Sn 10 27 27.5 +1.1
KOKL Mount Kiluichef 3.08 70 Pn 10 26 52.0 +0.4
KOPF Korovin Flat P 3.12 71 Pn 10 26 53.0 +0.7
SMY Shemya 4.53 290 P Pn 10 27 11.2 -0.3
SMY Shemya 4.53 290 Pn 10 27 11.1 -0.3
NIKH Nikolski High 6.39 71 Pn 10 27 37.8 +0.8
NIKH Nikolski High 6.39 71 Sn 10 28 51.8 +3.3
OKSP Okmok Steeple 6.78 70 Pn 10 27 43.7 +1.4
SPIA Saint Paul Isl 7.72 38 Pn 10 27 55.5 +0.4
MGOD Makushin Gods 7.73 67 Pn 10 27 56.3 +1.0
MREP Makushin Rep't 7.81 67 Pn 10 27 57.1 +0.8
MSW Makushin Switc 7.81 66 Pn 10 27 57.1 +0.7
MSW Makushin Switc 7.81 66 Sn 10 29 27.9 +4.6
MIAT Makushin Natee 7.86 66 Pn 10 27 58.1 +2.2
UNV Unalaska Valle 7.95 67 Pn 10 27 59.5 +1.2
UNV Unalaska Valle 7.95 67 Sn 10 29 30.3 +3.6
AKBBA Akutan Broad B 8.44 66 Pn 10 28 06.0 +2.4
AKUT Akutan 8.44 66 Pn 10 28 06.5 +1.7
GSSA Gishaidin 9.53 63 Pn 10 28 11.2 +1.3
FALS False Pass 9.53 63 Pn 10 28 26.4 +0.9
SDPT Sand Point 11.71 63 Pn 10 28 49.0 -0.6
CNBA Chernabura Isl 12.01 66 Pn 10 28 52.8 -2.3
GAMB Gambell 13.13 64 Pn 10 29 09.4 +1.9
CHGN Chignik 13.06 60 Pn 10 29 06.6 -1.4
PET Petropavlovsk 13.86 296 eP 10 29 24.4 -0.9
PET Petropavlovsk 13.86 296 pmax pmax
comp-Z, 12nm, 1.0s MLR MLR
PET comp-Z, 300nm, 18.0s MLR MLR
PEA0B Petropavlovsk 14.43 286 Pn Pn 10 29 27.3 +1.0
PETK Petropavlovsk 14.43 286 Pn Pn 10 29 25.3 -1.1
comp-Z, 0.2nm, 0.3s, baz=98, slow=14, SNR=4.6
PETK Sn Sn 10 32 04.7 -0.1
baz=96, slow=23, SNR=1.4 LR LR 10 34 47.1
PETK comp-Z, 297nm, 21.8s, baz=64, slow=36 LR LR 10 34 47.1
PETK Petropavlovsk- 14.43 286 Pn Pn 10 29 28.7 -3.0
CHIR Chirikof Island 14.51 63 Pn P 10 29 27.9 +0.6
ANM Nome 15.01 23 P pmax pmax
10 29 35.9 -2.1
comp-Z, 8.0nm, 0.8s
ANM Nome 15.01 23 Pn P 10 29 36.0 -2.1
SII Sitkinak Island 15.41 61 Pn P 10 29 37.0 -2.1
IAMB IAMB 10 29 54.8
comp-Z, 46nm, 0.7s
OHAK Old Harbor 16.01 59 Pn 10 29 42.3 -4.3
OHAK IAMB IAMB 10 29 56.8
comp-Z, 23nm, 0.6s
SVW2 Sparrevohn 16.14 44 Pn P 10 29 50.2 -0.3
KDAK Kodiak Island 16.49 57 Pn P 10 29 49.0 -3.7
comp-Z, 4.2nm, 0.3s, baz=248, slow=9.1, SNR=61
KDAK 10 32 49.2 -5.4
comp-Z, 0.4nm, 0.3s, baz=336, slow=20, SNR=1.6
KDAK Kodiak Island 16.49 57 Pn 10 29 49.0 -3.7
KDAK Kodiak Island 16.49 57 Pn 10 29 49.3 -3.4
RDO Redoubt South 17.15 48 Pn P 10 30 02.0 0.0
HOM Homer 17.43 51 Pn P 10 30 05.2 +0.5
HOM IAMB IAMB 10 30 05.7
comp-Z, 105nm, 1.3s
CNPM China Poot 17.59 52 Pn P 10 30 06.4 -0.2
BRLK Bradley Lake 17.82 51 Pn P 10 30 09.1 -0.1
BILL Bilibino 18.23 342 eP Pn 10 30 15.7 +1.7
BILL pmax pmax
BILL Bilibino 18.23 342 P Pn 10 30 14.3 +0.3
PPLA Purkeypile 18.38 41 P Pn 10 30 16.7 +0.8
PPLA IAMB IAMB 10 30 35.6
comp-Z, 34nm, 0.9s
SEW Seward 18.61 51 P P 10 30 16.7 -1.0
RC01 Rabbit Creek A 18.76 47 P Pn 10 30 20.7 +0.3
MA2 Magadan 18.91 308 P Pn 10 30 22.5 +0.3
comp-Z, 0.4nm, 0.3s, baz=87, slow=14, SNR=4.4
MA2 Magadan 18.91 308 eP Pn 10 30 23.4 +1.1
KTH Kantishna Hill 19.18 40 Pn P 10 30 25.1 -0.5
KTH IAMB IAMB 10 30 29.4
comp-Z, 53nm, 0.8s
PMR Palmer 19.20 46 P Pn 10 30 25.4 -0.2
PMR pmax pmax
comp-Z, 5.0nm, 0.7s
PMR Palmer 19.20 46 P Pn 10 30 25.4 -0.2
SEY Seymchan 19.22 318 P Pn 10 30 25.6 -0.3
comp-Z, 0.3nm, 0.3s, baz=120, slow=15, SNR=11
GHO Glory Hole Cre 19.35 46 P P 10 30 25.3 -0.6
TRF Thorofare Moun 19.39 40 P P 10 30 27.0 +0.5
TRF IAMB IAMB 10 30 35.4
comp-Z, 4.1nm, 1.0s
BPAW Bear Paw Mtn 19.41 38 P Pn 10 30 28.0 -0.1
IMAR Indian Mountai 19.43 32 P Pn 10 30 28.1 -0.3
INK Knik Glacier 19.45 47 P Pn 10 30 27.8 -0.8
SML Sawmill 19.45 46 P P 10 30 28.6 -0.3
SML pmax pmax
comp-Z, 19nm, 1.0s
SML Sawmill 19.42 46 P P 10 30 28.6 -0.3
GLI Glacier Island 19.94 49 P P 10 30 29.3 -3.0
GLI IAMB IAMB 10 30 37.6
comp-Z, 17nm, 0.6s
MLY Manley 19.96 36 P Pn 10 30 33.9 -0.7
RND Reindeer 19.97 41 P P 10 30 32.8 +0.2
RND pmax pmax
comp-Z, 17nm, 0.6s
RND Reindeer 19.97 41 P P 10 30 32.9 +0.2
RND IAMB IAMB 10 30 40.4
comp-Z, 17nm, 0.6s
BWN Browne 20.04 39 P Pn 10 30 35.0 -0.5
BWN IAMB IAMB 10 30 42.5

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MCK McKinley 20.06 40 P P 10 30 33.9 +0.2
MCK Pmax
comp-Z, 19nm, 1.0s
MCK McKinley 20.06 40 P P 10 30 33.9 +0.2
SCM Sheep Creek 20.09 46 P P 10 30 32.8 -1.2
SCM pmax pmax
comp-Z, 24nm, 0.6s
SCM Sheep Creek Mo 20.09 46 P IAMB IAMB 10 30 32.8 -1.2
SCM IAMB IAMB 10 30 37.4
comp-Z, 24nm, 0.6s
SCM Sheep Creek Mo 20.09 46 P IAMB IAMB 10 30 37.4
HIN Hinchinbrook I 20.11 51 P P 10 30 34.8 +0.6
HIN IAMB IAMB 10 30 51.6
FID Fid 20.20 50 P P 10 30 34.2 -0.9
DHY Denali Highway 20.46 43 P P 10 30 38.3 +0.1
DHY IAMB IAMB 10 30 42.5
comp-Z, 4.1nm, 0.7s
EYAK Cordova Ski Arr 20.51 50 P P 10 30 39.2 +0.8
WRH Wood River Hill 20.71 39 P P 10 30 39.6 -0.9
MDM Murphy Dome 20.86 38 P P 10 30 42.7 +0.4
IAMB IAMB 10 30 46.6
comp-Z, 23nm, 0.8s
CCB Clear Creek Bu 20.89 39 P P 10 30 42.1 -0.5
TCOL CIGLO, UAF Bank 20.97 38 P P 10 30 44.4 +1.1
COLA College 20.97 38 P P 10 30 44.5 +1.1
COLA pmax pmax
comp-Z, 25nm, 1.0s
COLA College 20.97 38 P P 10 30 45.1 +1.7
COLA IAMB IAMB 10 30 48.5
comp-Z, 25nm, 0.9s
RAGM Ragged Mountain 21.00 51 P P 10 30 44.2 +0.4
RAGM IAMB IAMB 10 30 51.2
comp-Z, 35nm, 1.2s
HDA Harding Lake 21.14 40 P IAMB IAMB 10 30 45.3 +0.2
HDA IAMB IAMB 10 30 48.0
comp-Z, 13nm, 0.4s
HDA Harding Lake 21.14 40 P P 10 30 45.9 +0.8
HDA IAMB IAMB 10 30 46.7
POKR Poker Plat Res 21.24 38 P P 10 30 46.7 +0.5
PAX Paxson 21.25 44 P P 10 30 47.7 +1.2
PAX pmax pmax
comp-Z, 21nm, 0.9s
PAX Paxson 21.25 44 P IAMB IAMB 10 30 48.2 +1.7
PAX IAMB IAMB 10 30 52.5
comp-Z, 22nm, 0.9s
IL31 21.30 39 P P 10 30 46.8 -0.1
IL31 IAMB IAMB 10 31 03.5
IL31 Sn P 10 34 49.1 -1.2
ILAR Eielson Array 21.30 39 P P 10 30 45.0 -1.9
comp-Z, 2.7nm, 0.5s, baz=242, slow=9.1, SNR=19
ILAR P P 10 34 48.5 -0.4
comp-Z, 1.2nm, 0.4s, baz=276, slow=3.2, SNR=14
ILAR P P 10 38 23.1 +2.5
comp-Z, 0.8nm, 0.8s, baz=278, slow=4.5, SNR=8.4
ILAR Eielson Array 21.30 39 P P 10 30 47.2 +0.2
ILAR Sn P 10 34 48.3 -2.0
ILAR IAMB IAMB 10 30 48.5 +1.6
ILAR Coldfoot 21.31 31 P P 10 30 49.6 -0.8
GLB Gilahina Butte 21.62 49 P IAMB IAMB 10 30 56.5
comp-Z, 17nm, 0.6s
VRDI Verde Repeater 21.74 49 P P 10 30 51.7 -0.1
RIDG Independent Ri 21.76 42 P IAMB IAMB 10 30 54.8
comp-Z, 18nm, 0.5s
CROM Cirque 21.81 51 P P 10 30 52.6 +0.1
TGL Tana Glacier 21.96 51 P P 10 30 55.1 +1.0
MCARA McCarthy VSAT 21.98 49 P P 10 30 55.0 +0.9
MENT Mentasta 22.01 45 P P 10 30 55.4 +1.9
SCRR Sand Creek 22.20 42 P IAMB IAMB 10 30 56.4 -1.3
comp-Z, 13nm, 0.6s
BALM Baldy 22.24 50 P P 10 30 57.8 +0.7
TOLK Toolik Lake Res 22.32 28 P P 10 30 58.4 +0.6
TOLK IAMB IAMB 10 30 50.6
comp-Z, 15nm, 0.5s
TOLK Toolik Lake Res 22.32 28 P P 10 30 57.9 0.0
BAFN Barnard Glacie 22.57 50 P P 10 31 01.1 +0.3
FYU Fort Yukon 22.68 35 P IAMB IAMB 10 31 02.1 +0.5
FYU IAMB IAMB 10 31 05.6
comp-Z, 17nm, 0.7s
CTGM Chitina Glacie 22.71 50 P P 10 31 02.3 +0.1
BCAR Beaver Creek A 22.90 45 P P 10 31 03.2 -0.8
PCPA Pinnacle 23.15 53 P P 10 31 06.6 +0.1
PCPA IAMB IAMB 10 31 08.7
comp-Z, 23nm, 1.2s
BMAR Burnt Mountain 23.29 33 P P 10 31 08.3 +0.5
EGAK Eagle 23.31 41 P P 10 31 11.0 +0.3
EGAK IAMB IAMB 10 31 11.5
comp-Z, 19nm, 0.7s
DAWY Dawson 24.17 43 P P 10 31 15.8 -0.1
HYT Haines Junctio 24.56 51 P P 10 31 19.2 -0.4
YUK Yuzh-Kuril'sk 24.63 267 P P 10 31 20.0 -0.2
YSS Yuzh-Sakhalins 25.25 275f eP P 10 31 26.9 +0.7
YSS eP P 10 31 39.8 -0.2
YSS eS P 10 31 49.0 +2.3
YSS eS SnSn 10 35 43.0 -4.1
YSS pmax 10 36 52.5 +1.0
comp-Z, 40nm, 0.7s
YSS 10 29 56.8
comp-Z, 200nm, 6.0s
YSS pmax pmax
comp-Z, 200nm, 14.0s
YSS MLR MLR
YSS Yuzh-Sakhalins 25.25 275 P IAMB IAMB 10 31 27.3 +1.5
YSS IAMB IAMB 10 31 27.5
comp-Z, 35nm, 0.8s
EPYK Eagle Plains 25.82 38 P P 10 31 30.4 -0.5
EPYK IAMB IAMB 10 31 30.6
comp-Z, 8.1nm, 0.5s
EPYK Eagle Plains 25.82 38 P P 10 31 29.7 -1.1
baz=255, SNR=10
JKA Asahikawa-asahi 26.64 269 P P 10 31 38.8 +0.4
ASAJ Asahikawa 26.64 269 P P 10 31 38.8 +0.4
comp-Z, 23nm, 1.0s, baz=71, slow=16, SNR=14
ERM Erimo 27.38 265 P P 10 31 44.8 -0.2
ERM pmax pmax
comp-Z, 23nm, 1.3s
ERM Erimo 27.38 265 P P 10 31 46.8 +1.8
ERM IAMB IAMB 10 31 50.7
comp-Z, 27nm, 1.2s
INK Inuvik 27.52 35 P P 10 31 45.5 -0.5
INK IAMB IAMB 10 31 45.5 -0.5
comp-Z, 1.8nm, 0.4s, baz=269, slow=4.7, SNR=9.7
INK pmax pmax
comp-Z, 1.9nm, 0.4s, baz=307, slow=2.8, SNR=5.4
INK Inuvik 27.52 35 P P 10 31 46.7 +0.7
GRNR Gornory 27.76 287 eP P 10 31 46.9 -1.5
DLBC Dease Lake 28.43 56 P P 10 31 53.5 -0.8
comp-Z, 3.3nm, 1.1s, baz=98, slow=15, SNR=2.1
TEY Ternei 29.95 276f eP P 10 32 07.6 -0.2
TEY pmax pmax
comp-Z, 20nm, 0.7s
TEY 10 31 46.8 +1.8
comp-Z, 20nm, 1.1s
TEY pmax pmax
comp-N, 10.0nm, 1.4s
TIXI Tiksi 30.62 331 P P 10 32 14.1 +0.5
comp-N, 1.0nm, 0.3s, baz=130, slow=7.7, SNR=8.8
TIXI P P 10 35 10.1 -0.1
comp-N, 5.7nm, 0.7s, baz=98, slow=2.2, SNR=14
TIXI Tiksi 30.62 331 P P 10 32 13.9 +0.4
TIXI pmax pmax
comp-Z, 1.0nm, 0.9s
C36M Paulatuk 31.08 34 P P 10 32 17.7 +0.1
C36M Paulatuk 31.08 34 P P 10 32 16.9 -0.6
baz=263, SNR=5.6
KLR Kul'dur 31.12 286c P P 10 32 17.6 -0.6
KLR pmax pmax
comp-Z, 22nm, 0.8s
ZEA Zeya 32.18 296 eP P 10 32 26.1 -1.3
ZEA pmax pmax
comp-Z, 20nm, 1.0s
USA0B Ussuriysk Arra 33.23 277 P P 10 32 36.4 -0.3
USA0B Ussuriysk Arra 33.23 277 P P 10 32 36.6 0.0
USA0B IAMB IAMB 10 32 38.5
comp-Z, 7.7nm, 0.9s
USRK Ussuriysk Arra 33.23 277 P P 10 32 36.4 -0.6
USRK Ussuriysk Arra 33.23 277 P P 10 32 36.4 -0.3
H1N2 WAKE ISLAND Hy 33.48 205 T T 11 09 42.3
baz=18, slow=76, SNR=442

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H1N3 WAKE ISLAND Hy 33.49 205 T T 11 09 43.4
baz=18, slow=76, SNR=432
H1N1 WAKE ISLAND Hy 33.50 205 T T 11 09 44.6
baz=18, slow=76, SNR=368
MJAR Matsushiro Arr 33.71 261 P P 10 32 40.3 -0.7
MJAR 33.71 261 LR LR 10 44 29.3
comp-Z, 77nm, 21.7s, baz=85, slow=33
MJAR Matsushiro Arr 33.71 261 P P 10 32 41.1 +0.1
MAJO Matsushiro 33.72 261 P P 10 32 41.2 +0.3
MAJO IAMB IAMB 10 32 58.0
comp-Z, 12nm, 1.1s
MAT Matsushiro 33.72 261 P P 10 32 40.8 -0.2
MJB9 Matsu-Tunnel 33.72 261 P P 10 32 41.0 0.0
MJB9 IAMB IAMB 10 32 58.0
comp-Z, 12nm, 1.1s
MDJ Mudanjiang 34.51 279 P P 10 32 46.9 -0.9
MDJ IAMB IAMB 10 32 48.8
comp-Z, 7.7nm, 0.8s
MSHR Mys Shults 34.59 275c P P 10 32 48.2 -0.3
H1S1 WAKE ISLAND Hy 34.70 204 T T 11 11 03.4
baz=18
H1S2 WAKE ISLAND Hy 34.72 204 T T 11 10 13.2
baz=18, slow=74
H1S3 WAKE ISLAND Hy 34.72 204 T T 11 10 07.8
LLLL Lillooet 35.13 68 P P 10 32 55.0 +1.9
LLLL IAMB IAMB 10 32 55.4
comp-Z, 9.8nm, 1.1s
YKA Yellowknife Arr 35.30 46 P P 10 32 53.5 -0.8
YKA 35.30 46 P P 10 32 54.2 +0.7
comp-Z, 1.0nm, 0.6s, baz=276, slow=2.5, SNR=10
YKA P P 10 39 06.5 +2.6
comp-Z, 0.6nm, 0.6s, baz=284, slow=2.8, SNR=11
YKA LR LR 10 48 49.0
comp-Z, 114nm, 19.4s, baz=0.0, slow=39
YKA Yellowknife Arr 35.30 46 P P 10 32 54.1 -0.2
YKA IAMB IAMB 10 30 46.6
NLWA Neilton Lookou 35.34 74 P P 10 32 57.3 +2.3
NLWA IAMB IAMB 10 33 12.7
comp-Z, 29nm, 1.1s
D03D Eldon 35.75 74 P P 10 32 59.1 +0.7
baz=297
E03A Lebam 35.92 75 P P 10 33 02.1 +2.2
B05A Bryant 36.01 72 P P 10 33 01.3 +0.7
D05A Ennumclaw 36.57 74 P P 10 33 07.7 +2.3
D05A IAMB IAMB 10 33 22.3
comp-Z, 34nm, 1.2s
LON Longmire 36.89 74 P P 10 33 09.7 +1.5
LON pmax pmax
comp-Z, 6.0nm, 0.6s
LON Longmire 36.89 74 P P 10 33 10.1 +1.9
LON IAMB IAMB 10 33 11.1
comp-Z, 6.4nm, 0.7s
F04A Amboy 36.92 76 P P 10 33 10.2 +1.8
F04A IAMB IAMB 10 33 26.5
LTY Liberty 37.33 73 P IAMB IAMB 10 33 13.1 +1.1
LTY IAMB IAMB 10 33 23.9
B08A Colville Reser 37.61 70 P P 10 33 15.4 +1.2
B08A IAMB IAMB 10 33 16.1
comp-Z, 9.1nm, 0.8s
H04A Detroit Lake 37.69 77 P P 10 33 16.7 +1.7
H04A IAMB IAMB 10 33 31.7
comp-Z, 24nm, 1.1s
BOD Bodaibo 37.94 307 eP P 10 33 14.9 -1.9
BOD pmax pmax
comp-Z, 5.0nm, 1.1s
E07A Sunnyside 38.16 73 P P 10 33 20.9 +2.0
E07A IAMB IAMB 10 33 21.2
comp-Z, 6.5nm, 0.6s
G06A Carlson Farm, 38.35 76 P P 10 33 22.0 +1.5
HAWA Hanford 38.43 73 P P 10 33 22.8 +1.6
HAWA IAMB IAMB 10 33 23.6
comp-Z, 11nm, 0.6s
F07A Phinny Hill Vi 38.44 74 P IAMB IAMB 10 33 22.6 +1.3
F07A IAMB IAMB 10 33 24.4
comp-Z, 14nm, 0.8s
D08A Wollman Farm, 38.47 72 P P 10 33 22.2 +0.7
C09A Chrisman Ranch 38.50 71 P P 10 33 22.2 +0.5
C09A IAMB IAMB 10 33 23.2
comp-Z, 11nm, 1.0s
NEW Newport 38.95 69 P P 10 33 26.2 +0.7
NEW pmax pmax
comp-Z, 26nm, 0.8s
NEW Newport 38.95 69 P IAMB IAMB 10 33 26.9
NEW Newport 38.95 69 P P 10 33 25.9 +0.3
comp-Z, 12nm, 0.8s
NEW Newport 38.95 69 P P 10 33 25.9 +0.3
comp-Z, 299, SNR=16
E09A Wood Farm, Sta 39.20 72 P P 10 33 27.6 0.0
K09A Kona Array 39.57 271 P P 10 33 27.1 +0.5
K09A P P 10 33 27.6 +0.5
comp-Z, 5.7nm, 0.8s, baz=59, slow=7.9, SNR=24
KSRS P P 10 35 37.2 +0.3
comp-Z, 0.9nm, 0.6s, baz=75, slow=2.9, SNR=7.1
KSRS LR LR 10 49 41.7
comp-Z, 42nm, 19.9s, baz=48, slow=36
KS19 Wonju Array Si 39.58 271 P P 10 33 31.4 +0.5
KS19 IAMB IAMB 10 33 42.3
comp-Z, 21nm, 1.5s
KSAR Wonju Array Be 39.60 271 P P 10 33 31.3 +0.3
I07A Izez 39.64 76 P P 10 33 32.2 +0.8
RES Resolute Bay 39.74 24 P P 10 33 33.3 +1.2
F10A Beach Ranch, E 40.03 73 P P 10 33 35.4 +0.8
MOD Modoc Plateau 40.34 80 P P 10 33 38.9 +1.6
WALA Waterlon Lakes 40.44 67 P P 10 33 38.5 +0.6
JUNU Nakatsue 40.50 263 P P 10 33 39.0 +0.5
comp-Z, 17nm, 0.8s, baz=20, slow=9.9, SNR=9.5
JNU Nakatsue 40.50 263 P IAMB IAMB 10 33 43.1
comp-Z, 19nm, 0.9s
BMO Blue Mountains 40.56 74 P P 10 33 39.7 +0.7
TJN Taejon 40.59 270c P P 10 33 39.8 +0.6
J08A Circle Bar Ran 40.66 77 P P 10 33 40.7 +0.9
JTMT Jette 40.67 69 P P 10 33 41.8 +0.2
JTMT IAMB IAMB 10 33 43.1
comp-Z, 22nm, 1.4s
WVOR Wild Horse Val 41.07 78 P P 10 33 44.7 +1.4
WVOR Wild Horse Val 41.07 78 P P 10 33 44.2 +1.0
MSO Missoula 41.54 70 P IAMB IAMB 10 33 47.8 +0.8
MSO IAMB IAMB 10 33 48.8
comp-Z, 24nm, 1.5s
PAHR Pah Rah Rang 42.18 82 P P 10 33 53.1 +0.7
MFID Camas Ranch 42.24 75 P P 10 33 53.6 +0.8
LRM Limekiln Ridge 42.95 70 P P 10 33 55.8 -0.2
MCMT McKenzie Canyo 43.25 72 P P 10 34 01.4 +0.3
EGMT Eggleton 43.35 66 P IAMB IAMB 10 34 01.9 +0.3
comp-Z, 10nm, 0.8s
EGMT 43.35 66 P P 10 34 01.1 -0.5
baz=302, SNR=7.4
KVN Katserville 43.37 82 P P 10 34 04.0 +1.9
NVAR Mina Array Bea 43.62 83 P P 10 34 05.2 +1.1
comp-Z, 1.3nm, 0.6s, baz=299, slow=7.0, SNR=9.5
NVAR LR LR 10 49 01.1
comp-Z, 60nm, 18.2s, baz=326, slow=32
NVAR Mina Array Bea 43.62 83 P P 10 34 05.5 +1.3
QLMT Earthquake Lak 44.09 71 P P 10 34 08.8 +0.7
ELK Elko 44.13 78 P P 10 34 08.8 +0.6
FFC Flin Flon 44.21 54 P P 10 34 06.9 -1.5
FFC pmax pmax
comp-Z, 3.0nm, 1.3s
YHL Hebgan Lake 44.23 71 P P 10 34 09.7 +0.7
YHB Horse Butte 44.27 71 P P 10 34 10.1 +0.8
NRIK Norik 44.40 330 P P 10 34 07.2 -2.4
comp-Z, 1.1nm, 0.7s, baz=0.0, slow=20, SNR=1.6
NRIK LR LR 10 54 17.5
comp-Z, 65nm, 18.2s, baz=56, slow=38
NRIK Norik'sk 44.40 330 P P 10 34 10.0 +0.3
NRIK pmax pmax
comp-Z, 3.0nm, 1.1s
YMR Madison River 44.46 71 P P 10 34 11.2 +0.8
YHH Holmes Hill 44.46 71 P P 10 34 12.5 +0.3
GCMT Greycliff 44.60 69 P P 10 34 12.5 +0.7
YNR Norris Junctio 44.60 71 P P 10 34 13.4 +1.5
YPP Pitchstone Pla 44.77 71 P P 10 34 15.5 +2.1
YWE Yellowstone No 44.83 70 P P 10 34 13.9 +0.1
H17A Grant Village 44.84 71 P IAMB IAMB 10 34 15.6 +1.7
H17A IAMB IAMB 10 34 17.4
comp-Z, 38nm, 1.4s
H17A Grant Village 44.84 71 P IAMB IAMB 10 34 15.2 +1.3

LKWW	Lake	44.85	71	P	P	10 34 15.7 +1.7
LKWW	comp-Z,16nm,1.1s				Iamb	10 34 16.6
YMP	Mirror Lake	44.89	70	P	P	10 34 16.2 +1.8
IMW	Indian Meadow	44.91	72	P	P	10 34 15.1 +0.7
FLWY	Flagg Ranch	44.94	71	P	P	10 34 16.5 +1.9
FLWY	comp-Z,9.7nm,0.7s				Iamb	10 34 17.4
FXWY	Fox Creek	45.00	72	P	P	10 34 15.8 +0.6
HVU	Hansel Valley	45.02	75	P	P	10 34 16.4 +1.2
RLMT	Red Lodge	45.20	69	P	P	10 34 17.4 +0.7
RLMT	comp-Z,2.8nm,1.0s				Iamb	10 34 19.0
RLMT	Red Lodge	45.20	69	P	P	10 34 17.2 +0.5
SNOW	Snow King Moun	45.26	72	P	P	10 34 19.2 +2.0
R11A	Troy Canyon, C	45.36	81	P	P	10 34 18.7 +0.8
R11A	Troy Canyon, C	45.36	81	P	P	10 34 18.7 +0.8
BGU	Big Grassy Mow	45.37	76	P	P	10 34 19.9 +1.9
HWUT	Hardware Ranch	45.86	75	P	P	10 34 23.4 +1.6
HWUT	comp-Z,8.2nm,1.2s				Iamb	10 34 39.6
DUG	Dugway, Tooele	45.94	77	P	P	10 34 23.8 +1.3
DUG	comp-Z,2.1nm,1.1s				pmax	
DUG	Dugway, Tooele	45.94	77	P	P	10 34 23.5 +1.1
DUG	comp-Z,3.2nm,1.4s				Iamb	10 34 26.2
DUG	Dugway, Tooele	45.94	77	P	P	10 34 23.3 +0.8
TLY	Talaya	46.02	302	LR	LR	10 56 44.8
TLY	comp-Z,5.5nm,18.1s,slow=48				ScP	
TLY	Talaya	46.02	302	P	P	10 34 23.7 +0.9
LAO	LASA Array	46.09	66	P	P	10 34 24.4 +0.9
LAO	LASA Array	46.09	66	P	P	10 34 24.1 +0.6
ULN	Ulanbaatar	46.21	296	eP	pmax	10 34 24.6 +0.1
ULN	comp-Z,13nm,1.2s				Iamb	
ULN	Ulanbaatar	46.21	296	P	P	10 34 25.0 +0.5
ULN	comp-Z,14nm,1.2s				Iamb	10 34 25.7
PSUT	Pine Spring	46.31	80	P	P	10 34 27.9 +2.4
BW06	Boulder Array	46.38	72	P	P	10 34 26.2 +0.2
BW06	comp-Z,14nm,1.0s				Iamb	10 34 28.2
BW06	Boulder Array	46.38	72	P	P	10 34 25.9 -0.1
PD31	Pinedale Array	46.38	72	P	P	10 34 26.1 +0.1
PD31	comp-Z,13nm,1.1s				Iamb	10 34 28.2
PDAR	Pinedale Array	46.38	72	P	P	10 34 26.4 +0.3
PDAR	comp-Z,1.0nm,0.5s,baz=309,slow=3.6,SNR=142				ScP	
PDAR	comp-Z,6.7nm,21.1s,baz=320,slow=33				LR	10 51 21.9
JLU	Jordanelle	46.53	76	P	P	10 34 28.3 +1.1
NLU	North Lily Min	46.54	77	P	P	10 34 27.8 +0.6
SONM	Songino Array	46.60	297	ScP	ScP	10 39 57.1 +2.9
SONM	comp-Z,5.5nm,0.9s,baz=54,slow=9.2,SNR=21				LR	
SONM	comp-Z,0.6nm,0.6s,baz=51,slow=4.6,SNR=1.8				LR	10 54 48.6
SONM	comp-Z,153nm,21.0s,baz=60,slow=37				LR	
SONM	Songino Array	46.60	297	P	P	10 34 27.4 -0.1
MPU	Maple Canyon	46.77	76	P	P	10 34 29.8 +0.7
CCUT	Cedar City	47.23	80	P	P	10 34 33.6 +0.9
TMUT	Trail Mountain	47.47	77	P	P	10 34 35.2 +0.6
HHC	Hu-ho-hao-te	47.63	286	eP	pmax	10 34 35.5 -0.1
LCMT	Little Creek M	47.64	81	P	P	10 34 36.9 +1.1
P17A	Butcher Ranch	47.65	76	P	P	10 34 36.7 +0.9
RDMU	Red Mountain	47.68	75	P	P	10 34 36.9 +0.8
Q16A	Castle Valley	47.72	77	P	P	10 34 37.2 +0.7
PFO	Pinyon Flats O	47.84	87	iP	P	10 34 38.1 +0.8
KNB	Kanab	47.90	80	P	P	10 34 39.5 +1.7
SRIJ	San Rafael Swe	48.00	77	P	P	10 34 39.9 +1.2
K22A	Casper	48.25	70	P	P	10 34 40.6 +0.2
K22A	comp-Z,11nm,0.6s				Iamb	10 34 41.9
K22A	Casper	48.25	70	P	P	10 34 40.0 -0.4
U15A	North Rim	48.60	81	P	P	10 34 44.6 +1.2
U15A	comp-Z,307SNR=6.5				Iamb	10 34 52.7
NJ2	Nanjing	48.74	272	eP	pmax	10 34 44.0 -0.1
Q20A	White River Ci	48.75	74	P	P	10 34 44.6 +0.3
Q20A	White River Ci	48.75	74	P	P	10 34 44.5 +0.1
RSSD	Black Hills	48.83	67	P	P	10 34 44.6 -0.3
RSSD	comp-Z,9.0nm,0.6s				pmax	
RSSD	Black Hills	48.83	67	P	P	10 34 44.6 -0.3
RSSD	comp-Z,8.8nm,0.6s				Iamb	
RSSD	Black Hills	48.83	67	P	P	10 34 44.6 -0.3
PV09	Paradox Valley	49.23	76	P	P	10 34 48.4 +0.2
PV21	Cone Mtn., Par	49.29	76	P	P	10 34 48.9 +0.4
PV21	comp-Z,9.7nm,0.5s				Iamb	10 34 51.5
PV23	Carpenter Ridg	49.33	76	P	P	10 34 50.1 +1.1
PV23	comp-Z,11nm,0.6s				Iamb	10 35 01.9
PV10	Paradox Valley	49.37	77	P	P	10 34 50.7 +1.5
PV10	comp-Z,14nm,0.7s				Iamb	10 34 52.5
PV14	Lion Creek, Pa	49.38	77	P	P	10 34 49.6 +0.4
PV14	comp-Z,11nm,0.6s				Iamb	10 34 51.9
PV22	Blue Mesa, Pa	49.42	76	P	P	10 34 49.9 +0.4
PV22	comp-Z,13nm,0.8s				Iamb	10 34 52.8
PV20	West Nyswonger	49.43	77	P	P	10 34 50.0 +0.4
PV20	comp-Z,9.8nm,0.7s				Iamb	10 34 51.9
PV04	Paradox Valley	49.44	76	P	P	10 34 49.7 +0.1
PV17	East Wray Mesa	49.47	77	P	P	10 34 50.4 +0.4
PV16	Nyswonger Mesa	49.48	77	P	P	10 34 50.4 +0.4
PV16	comp-Z,13nm,0.7s				Iamb	10 34 52.4
PV11	David Mesa, Pa	49.52	76	P	P	10 34 50.8 +0.5
PV18	Skein Mesa, Pa	49.53	77	P	P	10 34 50.8 +0.5
PV12	Saucer Basin,	49.55	76	P	P	10 34 52.5 +1.9
PV12	comp-Z,16nm,0.7s				Iamb	10 35 06.2
PV03	Paradox Valley	49.56	77	P	P	10 34 51.0 +0.4
PV07	Paradox Valley	49.56	76	P	P	10 34 51.3 +0.6
PV07	comp-Z,10nm,1.0s				Iamb	10 34 53.4
PV13	Radium Mtn., P	49.64	77	P	P	10 34 52.1 +0.9
PV02	Paradox Valley	49.66	76	P	P	10 34 52.2 +0.8
N23A	Red Feather La	49.66	72	P	P	10 34 51.7 +0.2
PV15	Paradox Valley	49.73	76	P	P	10 34 52.6 +0.7
PV15	comp-Z,8.9nm,0.8s				Iamb	10 35 08.0
ULM	Lac du Bonnet	49.75	57	P	P	10 34 50.2 -1.4
ULM	comp-Z,1.2nm,0.4s,baz=288,slow=5.3,SNR=3.7				Iamb	
ULM	Lac du Bonnet	49.75	57	P	P	10 35 00.3
WUAZ	Wupatki	49.76	81	P	P	10 34 52.7 +0.6
PV01	Paradox Valley	49.80	76	P	P	10 34 52.9 +0.5
PV01	comp-Z,10nm,0.6s				Iamb	10 35 04.3
KBS	Kingsbay	49.82	357	P	pmax	10 34 54.8 +3.1
KBS	comp-Z,37nm,2.1s				pmax	
SMCO	Snowmass	50.11	74	P	P	10 34 55.6 +0.6
SMCO	comp-Z,4.0nm,0.7s				Iamb	10 35 00.5
SPITS	Spitsbergen Ar	50.39	356	P	pmax	10 34 55.9 -0.2
SPITS	comp-Z,3.0nm,0.3s				pmax	
MVCO	Mesa Verde	50.44	77	P	P	10 34 57.1 -0.2
MVCO	comp-Z,5.4nm,0.6s				Iamb	10 35 13.6
MVCO	Mesa Verde	50.44	77	P	P	10 34 57.8 +0.5
ISCO	Idaho Springs	50.54	73	P	P	10 34 58.2 +0.1
ISCO	comp-Z,8.0nm,0.9s				pmax	

ISCO	Idaho Springs	50.54	73	P	P	10 34 59.5 +1.4
ISCO	comp-Z,3.4nm,0.6s				Iamb	10 35 00.7
ISCO	Idaho Springs	50.54	73	P	P	10 34 58.4 +0.3
AGMN	Agassiz Nation	50.91	59	P	P	10 34 59.6 -0.8
S22A	4UR Ranch, Cre	51.11	76	P	P	10 35 03.1 +0.7
X18A	Divide	51.29	81	P	P	10 35 04.8 +1.2
Q24A	Divide	51.35	73	P	P	10 35 04.7 +0.6
SDCO	Great Sand Dun	51.92	75	P	P	10 35 10.6 +2.2
SDCO	comp-Z,4.5nm,0.7s				Iamb	10 35 11.2
SDCO	Great Sand Dun	51.92	75	P	P	10 35 08.8 +0.4
OGNE	Ogallala	51.95	70	P	P	10 35 09.5 +1.1
OGNE	comp-Z,2.0nm,1.1s				Iamb	10 35 10.0
OGNE	Ogallala	51.95	70	P	P	10 35 08.8 +0.4
TUC	Tucson	52.25	84	P	pmax	10 35 07.7 -3.0
TUC	comp-Z,6.0nm,2.7s				pmax	
WHN	Wuhan	52.59	274	iP	P	10 35 12.8 -0.3
T25A	Trinidad	52.97	75	P	P	10 35 16.7 +0.6
FRB	Frisher Bay	53.08	31	P	pmax	10 35 16.3 +0.1
FRB	comp-Z,14nm,1.1s				pmax	
ANMO	Albuquerque	53.16	78	P	pmax	10 35 17.0 -0.6
ANMO	comp-Z,5.0nm,1.4s				pmax	
ANMO	Albuquerque	53.16	78	P	P	10 35 18.0 +0.4
SSLB	Suanglung	53.24	263	P	P	10 35 15.3 -2.8
SSLB	comp-Z,11nm,0.8s				Iamb	10 35 18.5
ECSD	EROS Data Cent	53.30	64	P	P	10 35 17.4 -0.8
SCUM	Summit	53.34	14	P	pmax	10 35 18.4 -0.1
SCUM	comp-Z,15nm,2.8s				pmax	
SCUM	Summit	53.34	14	P	P	10 35 19.0 +0.5
SCUM	comp-Z,13nm,1.2s				Iamb	10 35 20.5
EYMN	Ely	53.44	57	P	P	10 35 19.3 +0.2
EYMN	comp-Z,309				P	10 35 19.0 -0.2
XAN	Xi'an	53.60	281	P	pP	10 35 20.3 -0.3
XAN	comp-Z,5.8nm,0.7s,baz=26,slow=3.2,SNR=16				pP	10 35 29.3 -6.5
BGNE	Belgrade	53.91	67	P	P	10 35 22.5 -0.6
ZALV	Zalesovo Beam	54.00	313	P	P	10 35 22.5 -0.6
ZALV	comp-Z,0.5nm,0.3s,baz=62,slow=5.6,SNR=2.4				P	10 36 28.2 +0.7
ZALV	comp-Z,5.8nm,0.7s,baz=26,slow=3.2,SNR=16				P	10 35 29.3 -6.5
CBKS	Cedar Bluff	54.67	70	P	P	10 35 29.1 +0.8
CBKS	comp-Z,311,SNR=0.0				P	10 35 28.0 -0.3
CBKS	Cedar Bluff	54.67	70	P	P	10 35 29.1 +0.8
LZH	Lanzhou	55.33	286	eP	pP	10 35 34.0 +0.8
LZH	comp-Z,7.6nm,0.8s				sP	10 35 49.3 -5.5
LZH	Lanzhou	55.33	286	eP	pP	10 35 34.0 +0.8
LZH	comp-Z,7.6nm,0.8s				sP	10 35 49.3 -5.5
DGZ	Jazzator, Alta	55.50	308	iP	P	10 35 34.0 -0.3
DGZ	comp-Z,1.0nm,0.8s				pmax	
GTA	Gaotai	55.51	292	P	pP	10 35 34.5 0.0
GTA	comp-Z,3.0nm,0.5s				pP	10 35 38.5

26d 10th

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P50A Jamestown, T47A Sharon Grove, J49A Appleton, etc.

2014 MAR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L59A Walton, P56A Dayton Farm, H62A Milan, etc.

1480

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like W57A Gilead, ARSB Arslanbob, TAOE Nuku Hiva Isla, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WLTB Daxi, NHDH Xindian Distri, TATO Taipei, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCI Bajram Curri, BCI Badiali, PUK Puka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROM 26 12:39:53.0, AAK Ala-Archa, etc.

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

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

MAN 26 12:45:09.4, 9.76N:123.83E, h5km, mb4.4, ML3.3, MS3.1, 1C-2D, Negros

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, etc.

IDC 26 12:46:26.1, 1.0, 24.88N:141.35E, h192km, mb3.0/6, mb1 3.5/5, mb1mx3.4/5, mbtmp3.3/5, Error ellipse: s-maj=24.5km s-min=13.8km az=112.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCJ Chichijima, KRSR Korea Array, etc.

IDC 26 12:51:56.3, 6.55S:0.7, 103.5E:0.9, h35km, n6, n06/40/6, mb3.4/5, Southwest of Sumatra

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

IDC 26 12:52:08.4, 2.0, 37.11N:144.57E, h0km, mb3.4/3, mb1 3.5/6, mb1mx3.2/48, mbtmp3.3/6, ML2.9/3, Error ellipse: s-maj=50.0km s-min=26.1km az=77.0

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

IDC 26 13:37:40.1, 1.4, 40.32N:63.82E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=42.8km s-min=10.2km az=151.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GEYT Alikeeb, GYA0B ALIBEK ARRAY, etc.

IDC 26 13:37:40.6, 3.1, 40.38N:63.80E, h32km, 25km, mb3.3/4, mb1 3.5/11, mb1mx3.4/47, mbtmp3.5/47, Error ellipse: s-maj=17.6km s-min=12.0km az=10.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AB31 Akbulak array, AKTO Aktyubinsk, etc.

IDC 26 13:30:54.2, 2.7, 6.31S:130.01E, h108km, 30km, mb3.5/4, mb1 3.8/8, mb1mx3.4/45, mbtmp4.0/8, Error ellipse: s-maj=49.1km s-min=17.4km az=78.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H122 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

IDC 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SAUI Saumlaki, etc.

MAN 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RKPI Ranisiki, LBMI Labuha, etc.

IDC 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WBE2 Warramunga Arr, etc.

IDC 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

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

IDC 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LZH Lanzhou, LHZ Hu-ho-hao-te, etc.

IDC 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

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

IDC 26 13:46:40.6, 0.7, 1.95N:93.57E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.3/52, mbtmp4.4/25, ML4.6/3, MS3.6/9, Ms1 3.6/9, ms1mx3.2/49, Error ellipse: s-maj=25.7km

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

26d 16h

Table with columns: MATB, Ma-tsu, 3.17 334 eP, Pn, 16 12 55.5 -0.4, etc.

IDC 26 16:20:04.7-0.6, 30.93N-110.80E, h0km, mb4.3/20, mb1.4/22, mb1mx4.3/43, mbtmp4.3/22, ML3.6/2, MS3.5/18, Ms1.3.5/18, ms1mx3.3/50, Error ellipse: s-maj=18.1km s-min=13.2km az=52.0

MOS 26 16:20:05.4-0.8, 30.93N-110.75E, h17km, mb4.7/30, Error ellipse: s-maj=8.3km s-min=5.2km az=107.8

BJJ 26 16:20:05.8-0.0, 30.92N-110.79E, h10km, mB4.8/38, mb4.4/45, ML4.8/32, Ms4.4/60, Ms7.4/0.5/3

NEIC 26 16:20:06.7-1.3, 30.89N-110.73E, h10km, mB4.8/38, mb4.8/73, Error ellipse: s-maj=9.9km s-min=8.3km az=106.0

ISC 26 16:20:06.4-0.3, 30.97N-110.83E, h10km, n247, c157/264, mb4.6/80, MS3.8/19, 20C-6D, Southeastern China

Main table for 26d 16h with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2014 MAR

Main table for 2014 MAR with columns: KMI, comp=Z, 1.40nm, 3.1s, pmax, pmax, etc.

1492

Main table for 1492 with columns: KLR, Kul'dur, 24.13 35d iP, P, pmax, etc.

SHA1	Shidzhatmaz	54.25 304	iP	P	16 29 33.1 +0.4
KLMR	Klimovskoe	54.46 325	eP	Pmax	16 29 31.1 -2.6
KLMR	comp-Z, 2.13nm, 0.6s				
KLMR	Klimovskoe	54.46 325	eP	P	16 29 31.1 -2.6
KLMR	comp-Z, 1.3nm, 0.6s				
WB0	Warramunga Arr	55.29 153	P	IAMB	16 29 39.2 -1.0
WB0	comp-Z, 2.2nm, 1.9s				
LPSR	Galich'ya Gora	55.35 315	eP	P	16 29 39.6 -0.7
LPSR	comp-Z, 10.0nm, 0.9s				
VSR	Storozhevoje	55.38 313	eP	Pmax	16 29 39.7 -0.8
VSR	comp-Z, 2.0nm, 1.1s				
WRAB	Tennant Creek	55.43 153	eP	P	16 29 40.8 -0.3
WRAB	comp-Z, 5.0nm, 0.9s				
WRAB	Tennant Creek	55.43 153	P	IAMB	16 29 40.1 -1.0
WRAB	comp-Z, 5.5nm, 0.8s				
WRA	Warramunga Arr	55.43 153	P	P	16 29 40.6 -0.6
WRA	comp-Z, 3.41, slow=7, SNR=17				
WRA	Warramunga Arr	55.43 153	eP	Pmax	16 29 42.9 +1.7
WRA	comp-Z, 3.0nm, 0.8s				
WRA	Warramunga Arr	55.43 153	P	IAMB	16 29 40.3 -0.8
WB2	Warramunga Arr	55.44 153	P	IAMB	16 29 40.6 -0.6
WB2	comp-Z, 5.4nm, 0.8s				
OBN	Obninsk	56.43 318	iP	P	16 29 47.4 -0.5
OBN	comp-Z, 1.1nm, 1.0s				
OBN	comp-Z, 9.5nm, 16.0s				
AS31	Alice Springs	56.66 155	P	P	16 30 03.0 -0.9
ASAR	Alice Springs	56.66 155	P	P	16 30 03.8 -0.2
ASAR	comp-Z, 2.0nm, 0.6s, baz=335, slow=5.9, SNR=27				
ASAR	Alice Springs	56.66 155	P	P	16 30 03.2 -0.8
ASAR	Kevo	56.66 155	P	P	16 30 03.2 -0.8
ASAR	Kevo	56.66 155	P	P	16 30 07.1 0.0
ASAR	comp-Z, 1.60nm, 1.6s				
KEV	Kevo	59.19 336	P	P	16 30 07.1 0.0
ARCES	ARCESS Array B	59.74 336	P	P	16 30 11.1 +0.2
ARCES	comp-Z, 2.5nm, 0.5s, baz=80, slow=8.5, SNR=15				
ARCES	ARCESS Array B	59.74 336	P	P	16 30 11.2 +0.3
ARCES	ARCESS Array B	59.74 336	P	P	16 30 11.2 +0.3
ARCES	ARCESS Array B	59.74 336	P	P	16 30 11.2 +0.3
ANM	Nome	59.88 30	P	P	16 30 12.5 +0.6
ANM	comp-Z, 1.3nm, 1.7s				
ANM	Nome	59.88 30	P	P	16 30 12.5 +0.6
ANM	comp-Z, 1.3nm, 1.7s				
FINES	FINES Array B	60.87 327	P	P	16 30 18.5 -0.3
FINES	comp-Z, 3.0nm, 0.8s, baz=89, slow=9.0, SNR=8.7				
FINES	FINES Array B	60.87 327	eP	P	16 30 18.8 +0.1
FINES	comp-Z, 3.0nm, 0.8s				
FINES	FINES Array B	60.87 327	P	P	16 30 18.2 -0.5
AKASG	Malin Array Be	61.65 314	P	P	16 30 23.9 -0.3
AKASG	comp-Z, 2.8nm, 0.6s, baz=62, slow=6.6, SNR=8.6				
AKASG	Malin Array Be	61.65 314	P	P	16 30 23.7 -0.5
AKASG	comp-Z, 3.0nm, 0.6s				
AKASG	Malin Array Be	61.65 314	P	P	16 30 23.4 -0.7
BR131	Resolute Bay	61.78 301	P	P	16 30 25.3 -0.2
BR131	Keekin Array S	61.78 301	IAMB	IAMB	16 30 25.0 -0.5
BR131	comp-Z, 4.6nm, 1.0s				
BRTR	Keekin Array B	61.78 301	P	P	16 30 25.3 -0.2
BRTR	comp-Z, 2.5nm, 0.9s, baz=115, slow=7.2, SNR=16				
BRTR	Keekin Array B	61.78 301	eP	P	16 30 25.5 0.0
BRTR	comp-Z, 3.0nm, 0.9s				
BRTR	Keekin Array B	61.78 301	P	P	16 30 24.9 -0.6
TOPG	Topog	63.88 308	iP	P	16 30 39.4 +0.2
CFR	Carcalui	63.94 309	P	P	16 30 39.7 +0.1
CFR	comp-Z, 4.4nm, 0.9s				
TIRR	Tirgusor	63.99 308	iP	P	16 30 40.0 +0.1
IMAR	Indian Mountain	64.28 27	P	P	16 30 41.2 -0.3
TTA	Tatalina	64.30 30	P	P	16 30 41.6 -0.2
TTA	Tatalina	64.30 30	P	P	16 30 41.6 -0.2
VRI	Vrincioia	64.66 310	iP	P	16 30 45.1 +0.3
VRI	Vrincioia	64.66 310	P	P	16 30 45.3 +1.0
VRI	comp-Z, 1.5nm, 1.1s				
PLOR	Plostina	64.72 310	iP	P	16 30 44.2 -0.5
BIZ	Bicaz	64.72 311	iP	P	16 30 44.5 -0.2
TOLK	Toolik Lake Re	64.74 24	IAMB	IAMB	16 30 46.8
TOLK	comp-Z, 4.4nm, 0.8s				
BURAR	Bucovina Array	65.07 312	iP	P	16 30 47.1 0.0
BURAR	Bucovina Array	65.07 312	P	P	16 30 46.6 -0.5
BURAR	Bucovina Array	65.07 312	P	P	16 30 46.5 -0.5
BUR08	Bucovina Arr. S	65.07 312	P	P	16 30 46.3 -0.8
COLD	Coldfoot	65.20 25	P	P	16 30 47.8 +0.3
COLD	comp-Z, 3.6nm, 0.9s				
MLR	Muntele Rosu	65.30 310	iP	P	16 30 47.8 -0.9
MLR	Manley	65.79 27	P	P	16 30 51.5 +0.1
VOIR	Voiron	65.91 310	iP	P	16 30 52.6 +0.1
KWP	Kalwaria Pacla	65.96 315	P	P	16 30 52.6 -0.1
KWP	comp-Z, 1.9nm, 1.0s				
PPLA	Purkeypile	65.97 30	P	P	16 30 52.6 -0.1
BPAW	Bear Paw Mtn.	66.03 28	P	P	16 30 53.0 +0.3
BPAW	comp-Z, 1.5nm, 1.5s				
KTH	Kantishna Hill	66.26 29	P	IAMB	16 30 54.7 +0.3
KTH	comp-Z, 1.5nm, 1.4s				
TRPA	Tarpa	66.59 313	iP	P	16 30 55.8 +1.8
WRH	Wood River Hill	67.05 28	P	IAMB	16 30 59.3 -0.1
WRH	comp-Z, 4.2nm, 0.8s				
CCB	Clear Creek Bu	67.09 27	P	P	16 30 59.5 -0.1
CCB	comp-Z, 2.7nm, 0.8s				
BBAR	Burnt Mountain	67.12 24	P	P	16 31 00.1 +0.2
RND	Reindeer	67.17 29	P	P	16 31 00.3 0.0
RND	comp-Z, 1.9nm, 1.7s				
RND	Reindeer	67.17 29	P	IAMB	16 31 00.3 0.0
RND	comp-Z, 1.9nm, 1.7s				
IL31	Ilisar	67.40 27	P	IAMB	16 31 00.6 -1.0
IL31	comp-Z, 1.4nm, 1.8s				
ILAR	Eielson Array	67.40 27	P	P	16 31 01.1 -0.5
ILAR	comp-Z, 1.3nm, 0.7s, baz=282, slow=5.1, SNR=14				
ILAR	Eielson Array	67.40 27	P	P	16 31 00.5 -1.1
NC405	NORSAR Array S	67.57 329	P	P	16 31 02.0 -0.7
BRK	Bradley	67.73 33	P	P	16 31 03.0 -0.8
NB01	NORSAR Array S	67.78 329	P	P	16 31 03.1 -1.1
NC602	NORSAR Array S	67.80 328	P	P	16 31 03.9 -0.3
NB2	NORSAR Subarra	67.82 329	P	P	16 31 03.6 -0.8
NOA	NORSAR Array B	67.82 329	P	P	16 31 04.0 -0.4
NOA	comp-Z, 0.9nm, 0.6s, baz=66, slow=6.2, SNR=6.3				
NOA	comp-Z, 9.1nm, 20.1s, baz=75, slow=38				
HERP	Herculane	67.85 310	iP	P	16 31 05.3 +0.5
NC04	NORSAR Array S	67.93 329	P	P	16 31 05.3 +0.5
SML	Sawmill	68.05 30	P	P	16 31 05.9 +0.1
SML	comp-Z, 8.0nm, 0.8s				
SML	Sawmill	68.05 30	P	IAMB	16 31 05.9 +0.1
SML	comp-Z, 7.9nm, 0.8s				

MDVR	Moldovita	68.35 310	iP	P	16 31 08.5 +0.5
SCM	Sheep Creek Mo	68.47 30	P	P	16 31 09.0 +0.5
SCM	comp-Z, 2.4nm, 1.5s				
RIDG	Sheep Creek Mo	68.47 30	P	P	16 31 08.9 +0.5
YVHS	Yvynne	68.65 28	P	P	16 31 09.0 -0.6
YVHS	Yvynne	68.75 314	eP	P	16 31 11.0 +0.6
YVHS	Yvynne	68.75 314	eP	P	16 31 11.0 +0.6
SCRK	Sand Creek	68.87 27	P	P	16 31 10.7 -0.5
STKA	Stevens Creek	68.97 152	P	P	16 31 11.8 0.0
STKA	comp-Z, 2.7nm, 0.8s, baz=344, slow=5.1, SNR=4.8				
STKA	Stevens Creek	68.97 152	P	P	16 31 11.4 -0.4
STKA	comp-Z, 2.0nm, 1.4s				
MORC	Moravsky Berou	69.03 316	P	P	16 31 11.3 -0.4
MORC	comp-Z, 4.4nm, 0.9s				
MORC	Moravsky Berou	69.03 316	P	IAMB	16 31 11.0 -1.1
MORC	comp-Z, 3.9nm, 0.9s				
FID	Port Fidalgo	69.31 31	P	P	16 31 14.9 +1.2
EGAK	Eagle	69.59 26	P	IAMB	16 31 15.0 -0.2
EGAK	comp-Z, 2.4nm, 2.0s				
LIT	Litokhoron	69.66 305	P	P	16 31 14.5 -1.7
LIT	comp-Z, 1.0nm, 1.1s				
LIT	Litokhoron	69.66 305	P	IAMB	16 31 14.5 -1.7
LIT	comp-Z, 1.0nm, 1.1s				
GLB	Gilahina Butte	70.14 30	P	P	16 31 19.0 +0.2
GLB	comp-Z, 9.2nm, 1.3s				
BNAR	Beaver Creek A	70.19 28	P	P	16 31 19.6 +0.5
INK	Inuvik	70.30 21	P	P	16 31 18.7 -0.9
INK	comp-Z, 1.0nm, 0.7s				
INK	Inuvik	70.30 21	P	IAMB	16 31 18.7 -0.9
INK	comp-Z, 9.5nm, 0.7s				
EPYK	Eagle Plains	70.35 23	P	P	16 31 18.9 -1.1
VRDI	Verde Repeater	70.40 30	P	P	16 31 20.1 -0.4
MCARA	McCarthy VSAT	70.50 29	P	IAMB	16 31 20.4 -0.6
MCARA	comp-Z, 1.1nm, 1.0s				
DAWY	Dawson	70.61 26	P	IAMB	16 31 20.8 -0.8
DAWY	comp-Z, 4.2nm, 1.0s				
GERES	GERES Array B	71.70 316	P	LR	16 31 28.6 0.0
GERES	comp-Z, 9.9nm, 0.9s, baz=36, slow=3.7, SNR=6.3				
GERES	GERES Array B	71.70 316	P	LR	16 31 27.4 -1.2
GERES	GERES Array B	71.70 316	P	P	16 31 27.4 -1.2
C36M	Paulkut	72.33 18	P	IAMB	16 31 30.6 -1.3
C36M	comp-Z, 9.9nm, 0.6s				
HYT	Haines Junctio	73.09 28	P	IAMB	16 31 35.9 -0.8
HYT	comp-Z, 3.1nm, 1.9s				
RES	Resolute Bay	73.27 7	P	P	16 31 37.2 -0.1
RES	comp-Z, 1.2nm, 1.8s				
RES	Resolute Bay	73.27 7	P	IAMB	16 31 37.2 -0.1
RES	comp-Z, 1.2nm, 1.8s				
YKA	Yellowknife Arr	80.00 20	P	P	16 32 14.9 -0.7
YKA	comp-Z, 4.4nm, 0.6s, baz=325, slow=6.5, SNR=4.7				
YKA	Yellowknife Arr	80.00 20	iP	P	16 32 14.8 -0.8
YKA	comp-Z, 2.0nm, 0.6s				
FFC	Flin Flon	90.10 18	P	P	16 33 05.8 -0.6
FFC	comp-Z, 7.0nm, 0.8s				
FFC	Flin Flon	90.10 18	P	IAMB	16 33 05.8 -0.6
FFC	comp-Z, 6.8nm, 0.8s				
ULM	Ulukuk	95.74 17	LR	LR	17 20 06.9
ULM	comp-Z, 5.1nm, 21.4s, baz=332, slow=38				

IDC 26 16:21:44.6:1.5, 6:58S; 103:33E, h0km, mb3.8/11, mb1 3.9/11, mb1mx3.7/41, mbtmp3.8/11, MS3.3/1, MS1 3.3/1, ms1mx2.6/42, Error ellipse: s-maj=57.2km s-min=15.9km az=51.0
 DJA 26 16:21:46.2:1.3, 7:54S; 103:44E, h11km, M3.9/8, M1V3.9/8
 NEIC 26 16:21:48.9:2.8, 6:75S; 0:09-103:4E:0.1, h35km, 7km, mb4.5/7, Error ellipse: s-maj=20.4km s-min=9.3km az=56.0
 ISC 26 16:21:50.0:0.8, 6:61S; 0:07-103:55E:0.8, h35km, n40, @1949/36, mb3.8/14, Southwest of Sumatera

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
KAS1	Kota Agung	1.43 41	Op	P	16 22 11.9 -1.6
LWLI	Liwa	1.66 18	P	P	16 22 15.8 -0.9
LWLI			S	S	16 22 36.4 -0.4
MDSI	Maura Dua	2.19 16	P	P	16 22 23.4 -0.6
MNAI	Manna	2.31 345	P	P	16 22 25.7 +0.1
MNAI			S	S	16 22 54.3 +1.5
MNAI			P	P	16 22 53.9 +0.3
MNIA	Manna	2.31 345	P	P	16 22 33.8 -1.4
KSJ	Kapahiang	3.09 342	P	P	16 22 35.0 -1.4
KSJ			S	S	16 22 35.4 -1.4
DBJI	Dramaga	3.17 89	P	P	16 22 35.4 -2.2
CNJI	Cibinong	3.62 101	P	P	16 22 42.0 -1.6
CISI	Chang Mat Arr	4.25 97	P	P	16 22 53.9 +0.3
XMSI	Christmas Isla	4.37 152	P	P	16 22 52.3 -1.8
USM	Wanagama	7.04 101	P	P	16 23 32.5 +1.9
PJPI	Prapat	10.42 334	LR	LR	16 28 05.6
JAGI	Jajag, Banyuwa	10.67 101	P	P	16 24 21.9 +1.4
SOEI	Soe	20.74 100	P	P	16 26 27.8 -0.2
FITZ	Fitzroy Crossi	24.38 120	P	P	16 27 05.6 +0.5
FITZ	Fitzroy Crossi	24.38 120	P	P	16 27 05.4 +0.2
CMAR	Chiung Mai Arr	25.32 350	P	P	16 27 12.4 -1.2
H01W3	Cape Leeuwin H	29.79 162	T	T	16 59 28.4
H01W2	Cape Leeuwin H	2			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, PETK, SYO, MA2, NRK, BOS, etc.

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

IDC 26 19:34:12.6;9.7,22.31S;65.60W,h247km,81km,mb3.2/1, mb1 3.1/2,mb1mx3.0/23,mbtmp3.7/2, Error ellipse: s-maj=114.7km s-min=78.1km az=29.0

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

IDC 26 19:04:48.9;4.0,36.22N;71.08E,h182km,27km,mb3.2/9, mb1 3.3/15,mb1mx3.0/66,mbtmp3.7/15, Error ellipse: s-maj=44.0km s-min=20.1km az=155.0

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

IDC 26 19:04:51.5;0.7,36.44N;070.71E,h200km,n36, a1583/35,mb3.5/3,3C,Afghanistan-Tajikistan border region

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

IDC 26 19:39:45.2;0.3,24.26N;79.89E,h0km,mb3.7/2, mb1 3.5/6,mb1mx3.2/67,mbtmp3.4/6,ML3.1/4, Error ellipse: s-maj=60.2km s-min=21.1km az=59.0

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

PRU 26 19:46:24.7;0.0,45.83N;27.22E,h143km,M4.6 SIGU 26 19:46:26.9;0.2,46.1N;1.2E,h153km,1km,mb4.2/3, Error ellipse: s-maj=5.5km s-min=4.3km az=114.9

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

IDC 26 19:46:28.0;0.6,33.13N;133.30W,h196slow=6.2,SNR=12

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

IDC 26 19:39:50.4;0.9,34.36N;09.80E,h128km,n13, a198/15,Xizang

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

IDC 26 19:46:28.9;0.2,45.86N;26.54E,h133km,1km,mb4.6/63, Error ellipse: s-maj=1.3km s-min=1.0km az=25.0

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

PRU 26 19:46:28.7;0.8,45.71N;26.48E,h112km,MD4.0 BEO 26 19:46:36.7;0.8,45.36N;25.39E,h0km,ML3.6/8

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

ARR		Sn	19 47 16.4	-1.2	SORM	Soroca	2.76 26	iP	Pn	19 47 11.7	-0.8	SUDU			Sm	19 49 03.0				
LEOM	Leova	1.43 55	iP	Pn	19 46 56.7	0.0	SORM	Soroca	2.76 26	iP	Pn	19 47 11.7	-0.8	SUDU	Sudak	6.00 94	iP	Pn	19 47 53.9	-1.4
LEOM	Leova	1.43 55	iP	Pn	19 47 17.4	-0.7	KSV	Kosov	2.84 339	iP	Pn	19 47 12.7	-0.9	SUDU			iS	Pn	19 49 00.7	-2.2
LEOM	Leova	1.43 55	iP	Pn	19 46 56.2	-0.5	KSV					19 47 14.2		PAIB	Paliouri	6.11 201	P	Pn	19 47 57.6	+0.8
LEOM	Leova	1.43 55	iP	Pn	19 46 56.7	0.0	KSV					19 47 51.1		MUDUR	Mudurnu	6.20 145	P	Pn	19 47 56.7	-1.4
LEON	Leona	1.47 07	iP	Pn	19 47 17.0	-0.7	RAKU	Rahkiv	2.88 326	iP	Pn	19 47 13.9	-0.2	PAIB	Paeseia	6.26 93	eP	Pn	19 47 57.0	-1.0
LEON	Leona	1.43 55	iP	Pn	19 46 56.2	-0.5	RAKU					19 47 48.7	-0.5	FEO	Feodosiya	6.26 93	eP	Pn	19 47 57.6	-1.0
SGRR	Singureni	1.50 196	iP	Pn	19 46 57.4	-0.2	DRGR	DRGR	2.90 294	iP	Pn	19 47 13.4	-1.1	DRME	Dracevica, Mon	6.36 239	ePn	Pn	19 48 01.5	+1.4
SGRR	Singureni	1.50 196	iP	Pn	19 47 18.7	-0.8	DRGR					19 47 13.4	-1.1	OJC	Ojcow	6.43 318	P	Pn	19 47 59.7	-1.3
SGRR	Singureni	1.50 196	iP	Pn	19 46 57.4	-0.2	KMPD	K-Podol'skiy	2.90 359	iP	Pn	19 47 13.4	-0.9	OJC	Ojcow	6.43 318	P	Pn	19 47 59.7	-1.3
SGRR	Singureni	1.50 196	iP	Pn	19 47 18.7	-0.8	KMPD					19 47 47.3	-2.4	TREB	Trebjine	6.60 246	ePn	Pn	19 48 03.8	+0.6
SGRR	Singureni	1.50 196	iP	Pn	19 47 18.6	-1.0	BMR	Baia Mare	2.92 315	iP	Pn	19 47 14.2	-0.4	BLM	Bla Laka	6.69 265	ePn	Pn	19 48 04.0	-0.4
TOPG	Topolog	1.50 121	iP	Pn	19 46 57.2	-0.4	NSLU	Nyzhne Selyshc	2.92 331	iP	Pn	19 47 15.3	+4.9	DBRK	Dubrovnik	6.75 247	ePn	Pn	19 48 07.3	+2.0
TOPG	Topolog	1.50 121	iP	Pn	19 47 18.5	-1.1	NSLU					19 47 58.3	+8.3	DBRK				Pn	19 49 20.1	-0.8
TOPG	Topolog	1.50 121	iP	Pn	19 46 57.2	-0.4	PUNG	Punghina	2.92 243	iP	Pn	19 47 13.4	-1.3	XOR	Xorichti	6.77 203	P	Pn	19 48 04.4	-1.2
TOPG	Topolog	1.51 164	iP	Pn	19 46 57.6	0.0	PUNG	Punghina	2.92 243	iP	Pn	19 47 13.4	-1.3	JAVC	Javcka Javorina	6.84 301	ePn	Pn	19 48 06.7	+0.2
RASA	Rasa	1.51 164	iP	Pn	19 47 19.1	-0.6	NDNU	Novodnistrovsk	2.96 100	iP	Pn	19 47 14.6	-0.8	SMOL	Smolniche	6.86 298	eP	Pn	19 48 06.2	-0.5
RASA	Rasa	1.51 164	iP	Pn	19 46 57.6	0.0	NDNU					19 47 48.7	-2.9	SMOL	Smolence	6.86 298	ePn	Pn	19 48 06.2	-0.5
RASA	Rasa	1.59 225	iP	Pn	19 47 19.1	-0.6	DJES	Djerpad	3.03 252	eP	Pn	19 47 14.4	-1.6	BEHE	Bechely	6.86 298	ePn	Pn	19 48 06.8	+1.6
HUMR	Humele	1.59 225	iP	Pn	19 46 58.2	-0.4	DJES					19 47 44.8	-7.8	MODS	Modra-Piesok	6.90 296	eP	Pn	19 48 05.8	-1.5
HUMR	Humele	1.59 225	iP	Pn	19 46 58.2	-0.4	HERR	Herculane	3.03 257	iP	Pn	19 47 15.1	-0.9	MODS	Modra-Piesok	6.90 296	ePn	Pn	19 48 05.8	-1.5
HUMR	Humele	1.59 225	iP	Pn	19 47 20.5	-0.9	HERR					19 47 15.1	-0.9	STON	Ston	6.95 249	ePn	Pn	19 48 24.9	-0.7
HUMR	Humele	1.59 225	iP	Pn	19 46 58.2	-0.4	JMB	Yambol	3.20 180	iP	Pn	19 47 17.9	-0.3	STON				Pn	19 48 24.9	-0.7
HUMR	Humele	1.59 225	iP	Pn	19 46 58.2	-0.4	STNU	Starunia	3.36 336	iP	Pn	19 47 20.1	-0.1	ILGA	ilgaz	6.96 129	eP	Pn	19 48 07.6	-0.7
HUMR	Humele	1.59 225	iP	Pn	19 46 58.2	-0.4	KORU	Korolevo	3.43 318	iP	Pn	19 47 20.2	-0.9	OKC	Ostrava-Krasne	7.04 309	eP	Pn	19 48 07.5	-1.6
MDB	Medias	1.60 288	iP	Pn	19 46 58.2	-0.4	KORU					19 48 01.1	-0.7	OKC	Ostrava-Krasne	7.04 309	eP	Pn	19 48 07.5	-1.6
MDB	Medias	1.60 288	iP	Pn	19 46 58.2	-0.4	TRSU	Troznyk	3.47 316	iP	Pn	19 47 21.0	-0.6	RICI	Ricica	7.07 256	iPn	Pn	19 48 09.9	+0.3
MDB	Medias	1.60 288	iP	Pn	19 46 58.2	-0.4	TRSU					19 48 02.2	-0.5	RICI				Pn	19 48 12.4	+0.8
TLCR		1.66 106	iP	Pn	19 46 59.1	-0.2	BZS	Buzias	3.47 271	ePn	Pn	19 47 20.8	-0.9	MAKA	Makarska	7.23 254	iPn	Pn	19 48 12.4	+0.8
TLCR		1.66 106	iP	Pn	19 47 22.2	-0.4	BZS	Buzias	3.47 271	ePn	Pn	19 47 21.0	-0.7	MAKA				Pn	19 49 31.0	-1.3
TLCR		1.66 106	iP	Pn	19 46 59.1	-0.2	BZS	Buzias	3.47 271	ePn	Pn	19 47 21.0	-0.7	MANT	Manisa	7.32 168	Pn	Pn	19 48 12.2	-1.0
TLCR		1.66 106	iP	Pn	19 47 22.2	-0.4	SIRR	Siria	3.47 282	iP	Pn	19 47 21.4	-0.4	MORC	Moravsky Berou	7.34 307	ePn	Pn	19 48 11.4	-1.8
TIR	iasi	1.68 24	iP	Pn	19 46 59.0	-0.4	SIRR					19 47 21.6	-0.6	ANTO	Ankara	7.38 139	P	Pn	19 48 13.9	0.0
IAS	iasi	1.68 24	iP	Pn	19 46 59.0	-0.4	MEZ	Mezhgor'ye	3.53 325	iP	Pn	19 47 21.7	-0.8	ANTO	Ankara	7.38 139	P	Pn	19 48 13.9	0.0
IAS	iasi	1.68 24	iP	Pn	19 47 21.1	-2.0	MEZ					19 48 03.3	-0.9	VRAC	Vranov	7.67 302	P	Pn	19 48 16.8	-0.8
IAS	iasi	1.68 24	iP	Pn	19 46 59.1	-0.4	MEZ					19 47 22.1	-0.5	VRAC				LR	19 51 08.4	
CVDA	Cernavoda	1.69 141	iP	Pn	19 46 59.8	+0.1	MDVR	Moldovita	3.54 257	iP	Pn	19 47 22.1	-0.5	VRAC	comp=E,39nm,18.0s,baz=41,slow=37					
CVDA	Cernavoda	1.69 141	iP	Pn	19 47 22.3	-1.0	MDVR	Moldovita	3.54 257	iP	Pn	19 47 22.2	-0.5	VRAC	Vranov	7.67 302	ePn	Pn	19 48 16.9	-0.7
CVDA	Cernavoda	1.69 141	iP	Pn	19 47 22.3	-1.0	MDVR	Moldovita	3.54 257	iP	Pn	19 47 22.2	-0.5	CONA	Conrad Ofseva	7.69 291	Pn	Pn	19 48 17.2	-0.6
CVDA	Cernavoda	1.69 141	iP	Pn	19 46 59.8	+0.1	PGB	Pangaryushiste	3.56 210	P	Pn	19 47 23.3	-0.3	CONA						
CVDA	Cernavoda-Powe	1.71 141	iP	Pn	19 47 00.0	+0.1	ZAGS	Zajecar	3.60 241	ePn	Pn	19 47 21.3	-2.1	KRUC	Kravskey	7.70 300	ePn	Pn	19 48 16.9	-1.0
CVDI	Cernavoda-Powe	1.71 141	iP	Pn	19 47 00.0	+0.1	KUBS	Kucevo	3.68 252	ePn	Pn	19 47 22.2	-0.3	ARUS	Arzberg	7.75 286	Pn	Pn	19 48 19.5	+0.3
CVDI	Cernavoda-Powe	1.71 141	iP	Pn	19 47 00.0	+0.1	ZAPS	Zavej	3.69 231	ePn	Pn	19 47 24.0	-0.7	ARUS	Moravsky	7.70 300	ePn	Pn	19 48 16.9	-1.0
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 02.4	-0.5	BERU	Beregovo	3.72 315	iP	Pn	19 47 24.2	-0.7	RES	Resen	7.77 275	ePn	Pn	19 48 19.5	+0.3
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 01.1	+0.5	BERU					19 48 07.6	-0.9	BR131	Keskin Array S	7.89 136	iP	Pn	19 48 20.2	-0.6
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 01.1	+0.5	BERU					19 47 26.4	+0.1	BR131	Keskin Array S	7.89 136	iP	Pn	19 48 20.1	-0.6
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 24.9	-0.2	PLD	Plovidiv	3.80 201	P	Pn	19 47 25.8	-0.3	BRTR	Keskin Array B	7.89 136	P	Pn	19 48 20.6	-0.3
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 01.1	+0.5	BANR	Banloc	3.83 268	iP	Pn	19 47 26.4	+0.1	BRTR	Keskin Array B	7.89 136	P	Pn	19 48 20.6	-0.3
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 24.9	-0.2	BANR	Banloc	3.83 268	iP	Pn	19 47 26.4	+0.1	BRTR	Keskin Array B	7.89 136	P	Pn	19 48 20.6	-0.3
ICOR	Ion Corvin	1.78 150	iP	Pn	19 47 01.1	+0.5	BANR	Banloc	3.83 268	iP	Pn	19 47 26.4	+0.1	BRTR	Keskin Array B	7.89 136	P	Pn	19 48 20.6	-0.3
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 00.6	0.0	MUKU	Mukachevo	3.85 318	iP	Pn	19 47 26.5	+0.3	KRLC	Krailky	7.92 307	eP	Pn	19 48 19.2	-1.7
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 00.6	0.0	MUKU					19 48 10.8	-0.8	KRLC	Krailky	7.92 307	eP	Pn	19 48 19.2	-1.7
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 00.6	0.0	MUKU					19 47 27.0	-0.2	MORI	Moriec	7.93 261	ePn	Pn	19 48 22.9	+1.8
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 23.5		VTS	Vitoshia	3.87 219	ePn	Pn	19 47 27.0	-0.2	SOKA	Sotho	8.07 281	iPn	Pn	19 48 23.4	+0.4
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 00.3	-0.4	VTS	Vitoshia	3.87 219	ePn	Pn	19 47 27.0	-0.2	DPG	Dobruska-0,6s	8.31 308	eP	Pn	19 48 32.5	+6.3
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 23.5		VTS	Vitoshia	3.87 219	ePn	Pn	19 47 27.0	-0.2	DPG	Dobruska-Polom	8.31 308	eP	Pn	19 48 32.5	+6.3
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 00.6	0.0	VTS	Vitoshia	3.87 219	ePn	Pn	19 47 26.8	-0.4	TREC	Trest	8.34 300	eP	Pn	19 48 26.0	+0.1
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 23.5		VTS	Vitoshia	3.87 219	ePn	Pn	19 47 26.8	-0.4	TREC						
TIRR	Tirgusor	1.78 132	iP	Pn	19 47 00.6	0.0	MORS	Morshin	3.92 333	iP	Pn	19 47 26.9	-0.6	MOA	Molin	8.72 289	iPn	Pn	19 48 31.7	+0.1
COPA	Copaceanca	1.80 213	iP	Pn	19 47 24.3	-1.3	MORS					19 48 12.3	-0.9	PRU	Prunice	9.17 302	eP	Pn	19 48 36.5	-1.1
COPA	Copaceanca	1.80 213	iP	Pn	19 47 00.6	0.0	MORS					19 47 27.2	-1.0	PRU	Prunice	9.17 302	eP	Pn	19 48 36.5	-1.1
COPA	Copaceanca	1.80 213	iP	Pn	19 47 00.6	0.0	MORS					19 47 29.9	-0.8	KBA	Koelnbreinsper	9.25 284	iPn	Pn	19 48 39.9	+1.0
COPA	Copaceanca	1.80 213	iP	Pn	19 47 00.6	0.0	MORS					19 48 18.8	-0.6	GECC	GERESS Array S	9.31 295	P	Pn	19 48 39.9	+0.3
JURR	Jurilovca	1.87 118	iP	Pn	19 47 01.8	+0.2	UZH	Uzhgorod	4.16 317	iP	Pn	19 47 30.3	-0.4	GERES	GERESS Array R	9.31 295	P	Pn	19 48 39.4	-0.2
JURR	Jurilovca	1.87 118	iP	Pn	19 47 01.8	+0.2	UZH					19 48 16.8	-2.1	GERES				LR	19 52 35.6	
LOT	Lotru	1.97 265	iP	Pn	19 47 28.9	-0.4	UZH					19 47 30.7	-0.2	GERES	GERESS Array B	9.31 295	P	Pn	19 48 39.7	+0.1
LOT	Lotru	1.97 265	iP	Pn	19 47 02.4	-0.5	UZH	comp=N,15nm,1.0s		smax	smax	19 48 18.2	-							

26d 20h

Table with station names and coordinates: KSRNS Korea Array, XAN Xi'an, SONM Songino Array, WMQ Urumqi, MKAR Makanchi Array, KRVT Keravat (AS076), ZALV Zalesovo Beam.

JMA 26:20:45:52.1±0.1, 23°26'N, 121°56'E, h1km, 1km, M3.5
TAP 26:20:45:54.2, 23°30'N, 121°39'E, h18km, M3.7, C
ISC 26:20:45:53.9±0.8, 23°29'N, 121°46'E, 0.02, h16km, 5km,
n108, s05/87/168, 11C-3D, Taiwan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWFI Yuli, FULB Full, YULB Yu-hi, CHKT Chengkung, etc.

2014 MAR

Main station list table for 2014 MAR with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWK baz=268, WKG Gukung, ET LH Xiulin Townshi, etc.

1500

Main station list table for 1500 with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JIRB, MJM2 Miyako jima3, MJM2, JIKM Ikemajima, etc.

26d 20h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like BALM Batdy, BCAR Beaver Creek A, BARN Barnard Glacier, etc.

2014 MAR

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like ARR Arges, AZB Gura Zlata, GZR Gura Zlata, etc.

1504

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like PGAV Gaveiria, Arco, PCAB Cabril, PVRL Vila Real, etc.

1505 2014 MAR 26d 20h

K47A	Vermontville	126.93	30	P	PKIKP	21 06 38.3	-0.2	M55A	Ridgway	130.79	26	P	PKPdf	21 06 45.7	+0.3	PB10	IPOC Station P	152.18	142	PKIKP	21 07 31.0	+0.4
I49A	Point Hope	127.01	27	P	PKPdf	21 06 37.9	-0.2	V48A	Smith Brothers	130.81	37	P	PKPdf	21 06 45.6	+0.1	SDDR	Preso de Saban	152.30	31	PKPdf	21 07 30.6	-0.1
I49A	Point Hope	127.01	27	P	PKIKP	21 06 38.5	+0.1	J59A	Plesco	130.81	21	P	PKPdf	21 06 45.6	+0.2	PB15	IPOC Station P	153.06	144	PKPbc	21 07 25.5	+0.4
I49A	Point Hope	127.01	27	P	PKIKP	21 06 38.5	+0.1	J59A	Plesco	130.81	21	P	PKIKP	21 06 46.0	-0.3	PB04	IPOC Station P	153.30	141	PKIKP	21 07 33.6	+0.5
F52A	Sundridge	127.02	23	P	PKIKP	21 06 38.6	0.0	SS0A	Richmond	130.88	34	P	PKIKP	21 06 46.2	-0.4	ATAH	ATAHualpa	153.62	102	PKP	21 07 27.4	+1.1
J48A	Bridge Port	127.05	28	P	PKPdf	21 06 38.1	0.0	I60A	Shoreham	130.91	20	P	PKIKP	21 06 46.1	-0.3	ATAH	ATAHualpa	153.62	102	PKPbc	21 07 35.7	+1.4
J48A	Bridge Port	127.05	28	P	PKPdf	21 06 38.2	0.0	I60A	Shoreham	130.91	20	P	PKIKP	21 06 46.1	-0.3	ATAH	ATAHualpa	153.62	102	PKPbc	21 07 49.4	+2.0
E53A	Dumoine, Ponti	127.16	22	P	PKIKP	21 06 38.6	-0.3	344A	Westbrook Farm	130.91	44	P	PKPdf	21 06 45.6	-0.3	DR12	Loma Peña Mt	153.66	38	PKPbc	21 07 47.2	+0.2
MIAR	Mount Ida	127.19	43	PKIKP	PKPdf	21 06 38.5	-0.2	M56A	Emporium	131.03	26	P	PKPdf	21 06 45.8	0.0	NNA	Nana	153.80	114	PKP	21 07 26.6	+0.5
MIAR	Mount Ida	127.19	43	P	PKPdf	21 06 38.5	-0.2	M56A	Emporium	131.03	26	P	PKIKP	21 06 45.6	-0.2	NNA	Nana	153.80	114	PKP	21 07 26.6	+0.5
MIAR	Mount Ida	127.19	43	P	PKIKP	21 06 39.4	+0.2	Q52A	Bidwell	131.07	28	P	PKPdf	21 06 45.7	-0.3	NNA	Nana	153.80	114	PKP	21 07 35.0	+0.9
K48A	Perry	127.26	29	P	PKIKP	21 06 39.2	+0.1	Q52A	Bidwell	131.07	28	P	PKPdf	21 06 45.7	-0.3	NNA	Nana	153.80	114	PKP	21 07 35.0	+0.9
E54A	Lac Daplat, Po	127.29	21	P	PKPdf	21 06 38.5	0.0	T50A	Nancy	131.10	35	P	PKIKP	21 06 46.7	-0.3	NNA	Nana	153.80	114	PKPbc	21 07 34.7	+0.5
J49A	Marlette	127.31	28	P	PKPdf	21 06 38.7	+0.1	P53A	Whipple	131.12	30	P	PKPdf	21 06 46.3	+0.3	LVC	Limon Verde	153.84	144	PKP	21 07 26.6	+0.2
T42A	Van Buren	127.34	39	P	PKPdf	21 06 38.5	-0.4	P53A	Whipple	131.12	30	P	PKIKP	21 06 46.8	-0.2	LVC	Limon Verde	153.84	144	PKPbc	21 07 35.1	+0.6
ALGO	Algonquin Park	127.37	22	P	PKPdf	21 06 38.8	+0.1	L57A	Andrews Acres	131.16	24	P	PKIKP	21 06 46.6	-0.4	LVC	Limon Verde	153.84	144	PKPbc	21 07 49.7	+1.8
FCAR	Ozark Folk Cen	127.38	41	P	PKPdf	21 06 38.8	-0.3	N55A	Marion Center	131.24	27	P	PKPdf	21 06 45.9	-0.4	LVC	Limon Verde	153.84	144	PKPbc	21 07 34.9	+0.4
D56A	Sainte-Anne-du	127.39	20	P	PKPdf	21 06 38.9	+0.2	BINY	Binghamton	131.34	23	P	PKIKP	21 06 46.5	-0.5	LVC	Limon Verde	153.84	144	PKPbc	21 07 50.0	+2.1
Q44A	Meyer Farm, Va	127.40	36	P	PKIKP	21 06 39.2	-0.3	BINY	Binghamton	131.34	23	P	PKIKP	21 06 47.2	-0.2	GR17	Gorgona, Isla	153.88	80	eP	21 07 33.2	-1.0
SFIN	Lafayette	127.49	33	P	PKPdf	21 06 38.7	-0.4	S51A	Beattyville	131.35	33	P	PKIKP	21 06 47.1	-0.5	PB09	IPOC Station P	154.26	142	PKPbc	21 07 34.7	+0.3
SFIN	Lafayette	127.49	33	P	PKPdf	21 06 38.7	-0.4	S51A	Beattyville	131.35	33	P	PKIKP	21 06 47.1	-0.5	PB09	IPOC Station P	154.26	142	PKPbc	21 07 27.9	+0.2
M47A	Cromwell	127.58	31	P	PKIKP	21 06 39.7	-0.1	N56A	West Decatur	131.44	26	P	PKIKP	21 06 47.2	-0.5	SJCC	San Jacinto, C	154.60	62	eP	21 07 50.9	+1.5
D56A	ZEC Mazanza, M	127.60	19	P	PKPdf	21 06 39.3	+0.2	X48A	Bartselle	131.52	39	P	PKPdf	21 06 46.4	-0.5	PB01	IPOC Station P	154.66	140	PKPbc	21 07 28.7	+0.0
E55A	Montfer-Lytto	127.67	20	P	PKPdf	21 06 39.5	+0.2	M57A	Sunshine Farm	131.60	25	P	PKIKP	21 06 47.4	-0.5	PB01	IPOC Station P	154.66	140	PKPbc	21 07 36.5	+0.7
L48A	N Adams	127.75	30	P	PKPdf	21 06 39.8	+0.2	M57A	Sunshine Farm	131.60	25	P	PKIKP	21 06 47.4	-0.5	PB01	IPOC Station P	154.66	140	PKPbc	21 07 52.2	+1.1
G54A	Lake Saint Pet	127.83	23	P	PKIKP	21 06 40.2	0.0	KIC	Kosan Boka	131.67	280	ePKIKP	PKIKP	21 06 48.5	-0.3	DBB2	Dabeiba	154.76	70	eP	21 07 28.3	+0.8
G53A	Haliburton	127.85	23	P	PKIKP	21 06 40.3	0.0	R53A	Hurricane	131.71	31	P	PKPdf	21 06 47.7	+0.5	UREC	San Jos de Ur	155.13	67	eP	21 07 27.0	-1.0
N47A	Urbana	127.88	32	P	PKPdf	21 06 38.6	-1.3	DBIC	Dimbokro	131.74	280	PKP	PKIKP	21 06 49.1	+0.2	CPUP	CPUP	155.14	70	PKP	21 07 27.6	0.0
N47A	Urbana	127.88	32	P	PKPdf	21 06 39.9	+0.1	DBIC	Dimbokro	131.74	280	PKP	PKIKP	21 06 49.1	+0.2	CPUP	CPUP	155.14	70	PKP	21 07 37.1	0.0
LCAR	Lake Charles	127.89	40	P	PKPdf	21 06 39.5	-0.5	DBIC	Dimbokro	131.74	280	PKP	PKIKP	21 06 49.1	+0.2	CPUP	CPUP	155.14	70	PKP	21 07 53.0	+0.3
PBMO	Poplar Bluff	127.92	39	P	PKPdf	21 06 39.8	-0.2	Q54A	Coxs Mills	131.70	30	P	PKIKP	21 06 48.1	+0.2	CPUP	CPUP	155.14	70	PKP	21 07 27.7	+0.3
LATQ	La Tuque	127.92	17	P	PKIKP	21 06 39.6	-0.1	Q54A	Coxs Mills	131.70	30	P	PKIKP	21 06 47.9	-0.4	POPC	Popayan, Colom	155.43	80	eP	21 07 37.3	+8.7
LATQ	La Tuque	127.92	17	P	PKIKP	21 06 40.1	-0.1	M58A	Price's Panora	131.85	24	P	PKIKP	21 06 48.6	+0.2	PB11	IPOC Station P	155.46	138	PKPbc	21 07 28.6	+0.2
I51A	Listowel	127.92	26	P	PKIKP	21 06 40.3	-0.2	O56A	Blount Stat	131.85	27	P	PKIKP	21 06 49.1	+0.6	YOTC	Yotoco, Valle	155.47	76	eP	21 07 28.4	-0.2
SADO	Sadowa	127.93	24	PKP	PKPdf	21 06 39.9	+0.1	O56A	Blount Stat	131.85	27	P	PKIKP	21 06 49.1	+0.6	YOTC	Yotoco, Valle	155.47	76	eP	21 07 30.3	+1.1
SADO	Sadowa	127.93	24	PKP	PKPdf	21 06 39.9	+0.1	O56A	Blount Stat	131.85	27	P	PKIKP	21 06 49.1	+0.6	YOTC	Yotoco, Valle	155.47	76	eP	21 07 30.3	+1.1
P46A	Rosedale	127.95	34	P	PKPdf	21 06 40.1	+0.1	SSPA	Standing Stone	131.85	26	P	PKIKP	21 06 48.0	-0.4	PCD1	Chim Diaz	155.74	73	eP	21 07 28.9	+0.2
L49A	Milan	127.96	29	P	PKIKP	21 06 40.7	+0.2	SSPA	Standing Stone	131.85	26	P	PKIKP	21 06 48.0	-0.4	PB12	IPOC Station P	155.75	135	PKPdf	21 07 28.9	+0.2
HKT	Hockley	127.99	49	PKIKP	PKIKP	21 06 40.7	-0.2	SSPA	Standing Stone	131.85	26	P	PKIKP	21 06 48.0	-0.4	GO01	Chuzmia	155.84	139	PKPbc	21 07 28.7	-0.7
HKT	Hockley	127.99	49	PKIKP	PKIKP	21 06 40.7	-0.2	SSPA	Standing Stone	131.85	26	P	PKIKP	21 06 48.0	-0.4	ZARC	Zaragoza, Cauc	155.85	67	eP	21 07 28.8	-0.1
WLAR	White Oak Lake	127.99	44	PKIKP	PKIKP	21 06 41.1	+0.3	P55A	Reidsville	131.87	29	P	PKPdf	21 06 48.0	+0.5	OBIP	Obisapo Ponce	155.89	35	PKPdf	21 07 27.7	-1.1
SIUC	Southern Illin	128.06	37	P	PKIKP	21 06 40.9	0.0	N57A	Milroy	131.90	26	P	PKIKP	21 06 48.1	-0.4	GCPR	Guaynabo City	155.97	33	PKPdf	21 07 27.8	-1.1
D58A	Chemin du Lac	128.15	18	P	PKIKP	21 06 40.3	+0.1	TIC	Toumou	131.90	280	ePKIKP	PKIKP	21 06 48.7	+0.5	GCPR	Guaynabo City	155.97	33	PKPdf	21 07 55.9	-0.6
N48A	Decatur	128.25	31	P	PKIKP	21 06 41.3	+0.1	LIC	Lic	131.97	280	ePKIKP	PKIKP	21 06 48.9	-0.5	SMCS	San Martn de	156.05	64	eP	21 07 29.3	+0.1
H53A	Bobcaygeon	128.32	24	P	PKIKP	21 06 41.3	+0.1	W50A	Signal Mount	132.08	37	P	PKPdf	21 06 48.4	+0.4	IMLP	Isa Caja de M	156.06	35	PKPdf	21 07 28.3	-0.7
M49A	Liberty Center	128.33	30	P	PKIKP	21 06 41.3	0.0	M59A	Waymart	132.12	23	P	PKPdf	21 06 48.3	+0.4	ICMP	ICMP	156.06	35	PKPdf	21 07 56.5	-0.4
G55A	Calabogie	128.47	22	P	PKIKP	21 06 41.2	-0.2	Q55A	Buckhannon	132.15	29	P	PKPdf	21 06 48.3	+0.2	SJG	San Juan	156.09	34	PKPbc	21 07 57.4	+0.4
L50A	Kingsville	128.47	29	P	PKIKP	21 06 41.3	-0.2	N58A	Sunbury	132.18	25	P	PKPdf	21 06 48.2	+0.2	SJG	San Juan	156.09	34	PKPbc	21 07 28.1	-0.9
J52A	Paris	128.61	26	P	PKIKP	21 06 41.8	0.0	R54A	Victor	132.32	31	P	PKIKP	21 06 49.0	-0.5	SJG	San Juan	156.09	34	PKPbc	21 07 28.1	-0.9
O48A	Farmland	128.62	32	P	PKIKP	21 06 42.0	+0.1	P56A	Dayton Farm, R	132.33	28	P	PKIKP	21 06 49.0	-0.5	SJG	San Juan	156.09	34	PKPbc	21 07 57.1	+0.1
N49A	Columbus Grove	128.64	31	P	PKPdf	21 06 41.3	+0.1	S54A	Dingess, Beckl	132.44	31	P	PKPdf	21 06 49.1	+0.5	GRV2C	Guyana, Caldas	156.10	73	eP	21 07 29.7	+0.2
N49A	Columbus Grove	128.64	31	P	PKPdf	21 06 41.6	+0.3	LRAL	Lakeview Retre	132.46	40	P	PKPdf	21 06 48.9	+0.2	RREF	El Recreo	156.21	74	eP	21 07 31.8	+1.6
BLO	Bloomington	128.65	34	PKIKP	PKPdf	21 06 41.5	+0.1	LRAL	Lakeview Retre	132.46	40	P	PKPdf	21 06 48.9	+0.2	PDRP	Patillas Dam,	156.24	34			

26d 22h

Table with columns: HGSD, Rutsui, 0.23 347, i P, Pb, 20 55 48.1, 0.0, MASBT, baz=221, eS, Sb, 20 56 14.9, +0.1, SNOW, Snow King Moun, 3.94 268, Pn, 21 03 00.3, +0.5, etc.

2014 MAR

Table with columns: MASBT, baz=221, eS, Sb, 20 56 14.9, +0.1, CHN3, Shinhua, 1.04 260, eS, Sg, 20 56 18.1, +1.5, EAST, Anshuo, 1.06 214, P, Pb, 20 56 00.8, -1.7, etc.

1506

Table with columns: SNOW, Snow King Moun, 3.94 268, Pn, 21 03 00.3, +0.5, ISCO, comp=N,32nm,3.9s, IAML, 21 05 02.1, ISCO, comp=N,29nm,5.0s, Idaho Springs, 3.96 183, IAML, Pn, 21 03 06.6, +0.6, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like WNF, WFSB, ENT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ELDTW, CHNS, TWH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like BNB, BNB, HGB, etc.

26d 22h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like RAGM Ragged Mountai, E09A Wood Farm, Stn, MCARA McCarty VSAT, etc.

2019 MAR

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like HEC Hector Ludlow, BFSC Mount Baldy Ra, ANNM ANM, etc.

1508

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like D57A Chemin Vers le, E57A Chemin Saint G, T52A Hallie, etc.

Table with columns: PRGR, Name, Time, Az, El, P, Res. Includes stations like Permogore, Talaya, La Rusia, El Rosal, Klimovskoe, etc.

Table with columns: TREC, Name, Time, Az, El, P, Res. Includes stations like Trest, GEC2, GERES, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, SNAIA, BOSHA, etc.

26d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AZAP Zapla, G003 Copiap, G004 Tololo Observa, SIV comp=Z,3.1nm,0.3s, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SUJ Sinujiu, PYS Pyongsong, YGAE Pyongyang, etc.

1510

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PABG Antelope Grade, MMIM Miami Mountain, BELC Belle Mtn. Jcs, etc.

KEA 26 23:47.42.9.0.0, 40.46N, 122.39E, h0km, ML2.5/1, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELK, PHWY, N23A, NEW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DCPH, SNPH, SNPH, TBP.

MAN 27 00:06:41.4, 8.84N, 122.88E, h15km, mb4.1, ML2.9, MS2.6, 2C, Mindanao

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WB2, WRA, WRA, etc.

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

UCR 27 01:04:51.6, 1.7, 8.28N, 82.84W, h2km, 4km, MW3.9, mb4.0(NEIC)

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBAR3, SBAR3, SBAR3, etc.

IDC 27 01:11:02.7, 0.9, 36.91N, 142.19E, h0km, mb3.5/8, mb1.3/7.1, mb1mx3.8/19, mbtmp3.5/11, ML3.0/3, MS2.8/2

JMA 27 01:11:07.0, 0.1, 36.95N, 141.95E, h39km, 3km, 7.6

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

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

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

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

IDC 27 02:37:10.4, 1.7, 16.58S, 168.49E, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.7/36, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=55.8km s-min=26.0km az=126.0

NEIC 27 02:37:23.3, 1.0, 17.0S, 0.1, 168.5E, 0.3, 1109km, 17km, mb4.0/4, Error ellipse: s-maj=49.0km s-min=6.7km az=112.0

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

JMA 27 03:04:23.8, 0.1, 23.27N, 121.56E, h0km, M3.4, TA 27 03:04:26.2, 23.29N, 121.38E, h16km, ML3.6, C

ISC 27 03:05:25.0, 0.6, 23.28N, 0.01, 121.46E, 0.02, h17km, 5km, n113, c0885/203, 20C-4D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWF1, TWF1, TWF1, etc.

IDC 27 01:11:02.7, 0.9, 36.91N, 142.19E, h0km, mb3.5/8, mb1.3/7.1, mb1mx3.8/19, mbtmp3.5/11, ML3.0/3, MS2.8/2

JMA 27 01:11:07.0, 0.1, 36.95N, 141.95E, h39km, 3km, 7.6

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

27d 3h

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like KLRI, Bhopal, Paulatuk, Albuquerque, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like W39A Magazine, W41B Gary Mavity, W41C LRLAL, etc.

1516

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like ERPA Erie, Z57A Bowman, W56A Hnd Trail, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDO, VTN, RLS, PVO, DRO, etc.

TAP 27 07:47:13.0, 23.79N, 121.56E, h25km, ML2.4, C. Taiwan

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

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

PDG 27 08:05:23.9, 0.5, 43.76N, 17.40E, h10km, 1km, MD5.1/1, ML3.0/13, Error ellipse: s-maj=0.8km s-min=1.3km az=0.0

BEO 27 08:05:24.4, 0.5, 43.73N, 17.31E, h12km, 3km, ML2.9/15

RHSSO 27 08:05:24.6, 0.3, 43.74N, 17.35E, h6km, 2km, ML3.0/14

PRU 27 08:05:25.4, 0.0, 43.59N, 17.37E, h0km

ISC 27 08:05:24.2, 1.1, 43.74N, 17.40E, 0.02, h5km, 0.5km, n67, r140/103, 1C, 2D, Northwestern Balkan Peninsula

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

IDC 27 08:09:09.0, 0.8, 55.95S, 124.96W, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.8/27, mbtmp3.7/7, MS4.1/17,

Ms 1.4 1/17, ms1mx4.0/24, Error ellipse: s-maj=39.0km s-min=26.8km az=155.0 GCMT 27 08:09:15.0, 0.2, 55.66S, 0.01, 124.73W, 0.02, h25km, 1km, MW5.1/103, Moment Tensor Solution. s46.c67; s103.c147; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.33±.17; Mpp=3.40±.17; Mbb=3.08±.14; Mo=0.42±.30; Mss=4.15±.11; Mtr=0.23±.27; Best double couple: Mo=28500±10^16 NP1:0.289,00000, 0.87,00000, 0.73,00000. NP2:0.199,00000, 0.87,00000, 0.177,00000. Principal axes: T 5.4640, P165.0000, Azm154.0000; N -0.3680, P165.0000, Azm33.7000; P -5.1050, P165.0000, Azm24.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 27 08:09:10.7, 0.8, 56.1S, 0.2, 124.7W, 0.2, h10km, n38, r131/11, mb3.8/7, MS4.1/20, Southern East Pacific Rise

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

MEX 27 08:13:07.3, 0.6, 14.47N, 92.06W, h72km, 6km, MD3.9 GCG 27 08:13:08.7, 0.3, 14.25N, 91.96W, h15km, 3km, MD3.6

ISC 27 08:13:07.6, 1.8, 14.5N, 0.1, 92.10W, 0.08, h68km, 12km, n9, r056/17, Near coast of Chiapas

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG, ERG, STG3, etc.

JMA 27 08:19:34.2, 0.1, 39.18N, 142.40E, h29km, 1km, M3.7, Near east coast of eastern Honshu

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

27d 10h

Table with columns: PDGK, UZBK, UZB, KTMS, etc. Includes station names like Podgornoye, Uzynbulak, Ketmen, etc. and various numerical data points.

Table with columns: DDA, BDRM, BODT, etc. Includes station names like Kayabasi, Bodrum, Datca, etc. and various numerical data points.

Table with columns: MAN, SDV, SDV, etc. Includes station names like Brgy, Tapao, Santo Domingo, etc. and various numerical data points.

Table with columns: IDC, KRSR, CMAR, etc. Includes station names like Korea Array, Makanchi Array, Kurbb, etc. and various numerical data points.

Table with columns: IDC, AAK, MKAR, etc. Includes station names like Alar-Archa, Makanchi Array, Kurbb, etc. and various numerical data points.

Table with columns: NEIC, RSCN, IDC, etc. Includes station names like Warramunga Arr, Alice Springs, etc. and various numerical data points.

2014 MAR

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists numerous stations including Puerto Gaitan, San Jose del G, Villavicencio, Chingaza, etc.

1528

Table with columns: LPAZ, LPAG, SIV, etc. Includes station names like Villa Florida, T59A, T59A, etc. and various numerical data points.

0.9nm,0.6s,baz=308,slow=9.3,SNR=16
MKAR Makanchi Array 63.94 334 P 10 50 30.0 0.0

comp=N,3um,0.3s,baz=129,slow=19,SNR=40
IDI Anoyia 0.73 4 P Pn 11 12 19.3 -0.8

comp=N,949um,0.5s
KOSK Kos Island 2.80 38 PN Pn 11 12 50.4 +1.9

IDC 27 10:59:00.5,2.2171N,143.08E,h298km,29km,mb3.0/4,
s-maj=3.2,mb1tmx2.8/5,mbtm3.8/6,Error ellipse:
s-maj=80.1km s-min=20.0km az=97.0

comp=N,34478um,0.3s
IDI Kastelli Herak 0.77 15 P Pn 11 12 33.5

comp=N,201um,1.0s
DYZ Dyr 11 12 33.5

IDC 27 11:02:15.0,0.3,2.5,2.7,9W, h4km, M4.2
IDC 27 11:02:24.4,6.2,6.1S,79.62W,h101km,53km,mb3.3/6,
mb1 3.5/10,mb1mx3.3/5,mbtm3.7/10,Error ellipse:
s-maj=45.9km s-min=25.6km az=36.0

comp=N,18908um,0.4s
LAST comp=E,9117um,0.4s
PRNS Prins Rethym 0.85 342 P Pn 11 12 22.9 +0.3

comp=E,229um,1.4s
SLUM Salum 3.07 174 P Pn 11 12 53.8 +1.6

IDC 27 11:02:15.4,0.6,2.2,2S,0.03,79.32W,0.03,h10km,n56,
e164/58,mb3.6/6,Near coast of Ecuador

comp=E,5um,0.4s
NPS Neapolis 0.95 42 P Pn 11 12 38.8 +2.1

comp=E,11146um,0.4s
IMMV Immv 11 12 49.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like COHC, AMIL, AGUAY, BMAS, MORR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like STIA, ZKR, RODP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like KOSK, DYZ, SLUM, etc.

HLW 27 11:12:03.2,34.69N,24.87E,h13km,19km,Md4.3,MH4.4
NEIC 27 11:12:04.9,2.3154N,05.2482E,0.07,h22km,6km,
mb4.2/8,ML3.7(THE),ML4.1(ISK),Error ellipse:
s-maj=8.5km s-min=7.0km az=104.0

comp=N,1968um,0.6s
KARP Karpathos 2.15 62 PN Pn 11 12 41.9 -2.6

comp=E,1.8nm,0.3s,baz=350,slow=4.5,SNR=34
EIL Elat 9.77 117 Pn Pn 11 16 10.0 -5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like SIVA, GVD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like IOSP, AMGA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like ARSA, MYKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like COLM, HAGFORS, FINES, NOA, EKA, AKTO, TOAO, TORD, ARU, ARCES, TIC, KIC, LIC, KURBB, SPITSBERGEN, MAKZ, MK31, MKAR, ZALV, SONM, SCHO, CMAR, USRK, YKA.

ROM 27 11:22:03.8-0.3, 4.7; 10N-0'01-12'26.4E; 0'009, h7km, 1km, ML3.0/22, Error ellipse: s-maj=1.1km s-min=0.5km az=195.0
VIE 27 11:22:03.1-0.1, 4.7; 10Nk:12'29E, h11km, 2km, mb2.5/15, m3.3/19, Error ellipse: s-maj=1.5km s-min=0.9km az=9.0
PRU 27 11:22:06.4-0.0, 4.7; 19Nk:12'37E, h0km, Krimml, LDG 27 11:22:06.2-0.1, 4.7; 17Nk:12'23E, h2km, M13.3/36, Error ellipse: s-maj=3.3km s-min=2.1km az=151.0
BGR 27 11:22:06.6-0.2, 4.7; 11Nk:12'33E, h10km, ML3.2/11, Error ellipse: s-maj=6.7km s-min=3.3km az=5.0
STR 27 11:22:14.0, 1.0, 4.7; 1Nk:6'x1'2E, s1'0, h18km, 14km, MLV3.6/15
ISC 27 11:22:04.0-0.9, 4.7; 13N-0'02-12'29E; 0'01, h11km, 7km, n143, e2515/234, 5C-6D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like RISI, ABTA, WTTA, WATA, BRES, FVI, ROSI, KBA, SOTA, ABSI, MOTA, KOSI, STAL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like STAL, APPI, ACOM, PTCC, GEPF, MYKA, FETA, RETA, POLC, CTI, MOSI, SABO, BRMO, MOA, UBR, MABI, DAVA, DAVOX, TRI, MAGA, LJU, SOKA, GEC2, GEC3, PLONS, WET, KHC, ARSA, WILA, RIY, CONA, FUSIO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like FUSIO, BOJS, ROTZ, SLE, OZLJ, PBCC, KOGS, SULZ, BFO, TREC, KIZ, NKCC, BALST, BALST, BALST, NVLJ, EMBD, PRA, TANN, KRUC, ZST, MOSL, BOURR, LANF, MOX, UDBI, WLS, MODS, VRCAC, CDF, ECH, TORNY, DUGI, LOMF, PVCC, HINF, HINF, HINF, CHMF, BRG, TNS, MORI, HAU, HAU, HAU, LPGA, LPGA, LPL, RSL, ABH, DPC, DPC, KRCL, ZIRJ, CLL, CABF, CABF, OSTC, MORC, MBDF, MBDF, VYHS, PAGF, PAGF, SBF, SBF, OKC, ORIF, SFTF, SFTF, MEZF, MEZF, PGF, FRF, FRF, LMR.

27d 11h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ASAR, Alice Springs, Armadale, Cobar Meteorol, etc.

2014 MAR

Table with columns for station name, frequency, power, and signal strength. Includes stations like USRK, USRR, YSS, Prapat, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like MAKZ, PPLA, RC01, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, FINES FINESSE Array B, AKASG Malin Array Be, etc.

SOME 27 11:52:51.9, 40.85N, 70.73E, h5km
KRNET 27 11:52:55.6, 0.1, 41.18N, 70.71E, h14km, mb2.4
NNC 27 11:52:55.1, 3.5, 40.90N, 70.75E, h0km, mb3.1, mpv2.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, ARK Arkit, JBG Jabagly, etc.

DDA 27 12:47:47.8, 38.48N, 29.13E, h7km, 4km, ML1.3, Turkey
USAK Uak-Merkez 0.25 340 i P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USAK Uak-Merkez, USAK Erkin-Say, etc.

BUC 27 12:50:01.5, 0.2, 45.70N, 26.44E, h13km, 2km, ml1.9, 9, 30C-8D, Error ellipse: s-maj=1.9km s-min=1.4km az=7.0, Romaniaia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLOA Plostina, PLOH Plostina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BISRR Bisoca, VRI Vrincoiaia, MLR Muntele Rosu, etc.

DDA 27 13:12:40.7, 35.15N, 27.87E, h34km, 4km, MW4.0
NIC 27 13:12:42.3, 0.0, 35.32N, 27.97E, h9km, 1km, M1.0/4
ATH 27 13:12:43.7, 35.36N, 27.87E, h29km, 2km, ML3.6/5, Error ellipse: s-maj=4.9km s-min=1.6km az=338.0

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

ISC 27 13:12:43.3, 1.1, 35.27N, 0.03, 27.93E, 0.02, h27km, 8km, n139, 0.1974/181, mb3.9/11, 8C-1D, Dodecanese Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MRSB Marmaris-Mugla, DAT Datca, etc.

LAST Lasithi 2.01 268 P Pn
LAST Lasithi 2.01 268 P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELL Elmal, AKUM Antalya-Kumluca, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDI Anoyia, GCAM Gzelcam?, SIVA Sivas, etc.

AKMS comp=N, 0.9nm, 0.7s AML AML 13 14 23.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GAZI Gazipasa, zmir-Bergama, etc.

ALFC comp=N, 0.8nm, 0.8s AML AML 13 14 26.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NATA Nata, Gediz, etc.

STEP BALKESIR Sava 4.10 358 i P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OSC CSNet OBS 4, ERMK Ermenek, etc.

DURS Dursunbey 4.35 6 i P Pn

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

KRYL CANAKKALE Bay 4.66 347 P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, etc.

MMAI Mount Meron Ar 6.59 108 P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NATI Neve Ativ, KZIT Kziot, etc.

HMDD Nahal Hemdat 7.01 113 P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DSI Dead Sea, GHJ Ghor Haditha, etc.

ZFRI Zfiri 7.70 126 Pn Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HRFI Mount Harif, HRFI Mt Berech, etc.

ASAF comp=N, 0.3nm, 0.3s, baz=180, slow=1.0, SNR=2.2 S S 13 16 09.3 -0.3

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

MLR Muntele Rosu 10.32 352 P Pn

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

AKASG Malin Array Be 15.45 3 P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GERS GERRS Array B, KHC Kasperske Hory, etc.

NOA NORSAR Array B 27.92 343 P Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar. Bea, etc.

ARCES ARCESS Array B 34.35 358 P Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WKZ Wanaka, EIDS Eidsvold, MLZ Mavora Lakes, etc.

DJA 27 16:44:42.0±0.2, 3'S, 12°E, h10km, M4.2/11, mB5.0/1, mb5.1/1, MLV3.7/11, Mw(MB)4.3/11, NEIC 27 16:44:44.9±1.6, 2.85S:0.06x128.23E:0.05, h56km, 8km, mb4.2/24, Error ellipse: s-maj=10.4km s-min=4.9km az=209.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AGT1 Agia Thekli, AGT1 Livadi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRB0 Warramunga Arr, WRB1 Tennant Creek, WRA Warramunga Arr, etc.

DJA 27 16:46:55.0±0.7, 3'S, 3°E, h16km, 7km, M4.0/10, mB5.0/1, mb4.3/2, MLV3.0/3, Mw(MB)4.3/11, IDC 27 16:46:59.8±2.1, 2.89S:128.32E, h60km, 21km, mb3.7/4, mb1.3/9.8, mb1mx3.4/56, mbtrmp4.0/8, M4.0/4, M3.1/1, Ms1.3/1.1, ms1mx2.6/38, Error ellipse: s-maj=18.8km s-min=10.1km az=83.0

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

ATH 27 16:51:32.6, 38°23'N:20°39'E, h7km±2km, ML2.2/6, Error ellipse: s-maj=2.3km s-min=0.8km az=228.0 THE 27 16:51:32.6, 38°23'N:20°38'E, h8km, ML2.5/7, Error ellipse: s-maj=1.0km s-min=0.3km az=240.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AGT1 Agia Thekli, AGT1 Livadi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VSK1, KONA Konidatara, KONA KONA, etc.

IDC 27 16:53:52.5±2.8, 2.0±2.62S:176.32W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.6/35, mbtrmp3.9/3, Error ellipse: s-maj=179.1km s-min=42.8km az=157.0, Fiji Islands region

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

KEA 27 16:53:57.2±0.1, 41°16'N:121°30'E, h0km, ML3.0/3, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SUJ Sinuiju, PYS Pyongsong, etc.

IDC 27 17:44:54.0±2.5, 10°18'S:119°12'E, h0km, mb3.5/1, mb1.3/3.4, mb1mx3.2/27, mbtrmp3.2/4, ML3.0/3, Error ellipse: s-maj=205.4km s-min=26.0km az=51.0

DJA 27 17:45:01.0±1.2, 10°S:7°11'E, h16km, 7km, M3.4/6, MLV3.4/6

ISC 27 17:44:59.5±1.0, 10.25S:0°07'119°13E:0°06, h33km, n9, ±2905/12, Sumba region

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

KRNET 27 17:49:02.0±1.4, 2°31'N:78°29'E, h15km, mb2.3, NNC 27 17:49:01.4±0.6, 2°30'N:78°29'E, h0km, mb2.3, mpv2.6, Error ellipse: s-maj=6.9km s-min=1.7km az=174.0

SOME 27 17:49:02.5, 42.93N:78.20E, h10km, ISC 27 17:49:03.1±0.7, 42.93N:78.19E:0°02, h10km, n38, ±150/74, 19C-11D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SATY Saty, ANVS Ananyevyo, etc.

27d 17h

Table with columns: UZB, Uzynbulak, 0.64, 70, P, Pg, 17 49 14.2, -1.4, etc. Lists various stations and their coordinates.

NEIC 27 17:59:12.1±1.8, 8:66S:0:04:74:33W:0:07, h142km, 4km, mb4.9/180, Error ellipse: s-maj=10.1km s-min=5.2km

IDC 27 17:59:12.7±0.4, 8:66S:74:40W, h145km, 3km, mb4.3/26, mb1.4/5/33, mb1mx4.4/47, mbmp4.8/33, MS3.0/4, Ms1.3/0.4, ms1mx2.8/38, Error ellipse: s-maj=11.4km s-min=8.5km az=49.0

VAO 27 17:59:16.4±0.3, 8:60S:74:01W, h160km, 1km, mb5.1

ISC 27 17:59:12.3±0.3, 8:66S:0:04:74:34W:0:04, h144km, 2km, h145km:pp-P, n560, t180/599, mb4.8/115, 1C, Peru-Brazil border region

Table with columns: Code, Station Name, Δ°, AZI, Phase ID, Time Res, Res, etc. Lists station codes and their details.

2014 MAR

Main table with columns: PB11, IPOC Station P, 11.91, 158, Pn, 18 01 56.1, -1.7, etc. Lists station names, coordinates, and other data.

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Table with columns: V56A, Mocksville, 44.63, 353, P, P, 18 07 11.5, +1.1, etc. Lists station names, coordinates, and other data.

051A	Pataskala	49.18 352	P	P	18 07 45.9 +0.2
ACSO	Alum Creek Sta	49.32 351	P	P	18 07 46.1 -0.7
N58A	Sunbury	49.32 358	P	P	18 07 48.0 +1.2
N59A	State Game Lan	49.37 359	P	P	18 07 47.9 +0.7
N55A	Marion Center	49.40 355	P	P	18 07 48.4 +1.0
S39A	Bolivar	49.43 340	P	I Amb	18 07 45.6 -2.1
S39A					18 07 47.6
N53A	Lisbon	49.61 354	P	P	18 07 49.1 +0.1
N54A	Moraine State	49.67 354	P	I Amb	18 07 49.5 0.0
N54A					18 08 25.1
N54A	Moraine State	49.67 354	P	P	18 07 49.1 -0.3
O48A	Farnland	49.71 349	P	P	18 07 48.8 -1.0
M57A	Sunshine Farm,	49.84 357	P	P	18 07 51.7 +1.0
M58A	Price's Panora	49.85 358	P	P	18 07 51.9 +1.1
N50A	Nevada	49.87 351	P	P	18 07 50.6 -0.4
N51A	Ashland	49.91 352	P	P	18 07 50.9 -0.4
MNTX	Cornudas Mount	49.94 325	P	I Amb	18 07 50.7 -1.0
MNTX					18 07 52.5
M56A	Emporium	50.04 356	P	P	18 07 53.1 +0.8
M55A	Ridgway	50.07 356	P	P	18 07 52.9 +0.4
P43A	Skaggs, Pawnee	50.10 345	P	P	18 07 51.6 -1.1
N49A	Columbus Grove	50.19 350	P	P	18 07 52.8 -0.5
SFIN	Lafayette	50.22 347	P	P	18 07 52.1 -1.5
SFIN	Lafayette	50.22 347	P	P	18 07 52.8 -0.8
MSTX	Muleshoe	50.27 329	P	I Amb	18 07 54.3 +0.1
MSTX					18 08 03.3
N48A	Decatur	50.27 349	P	P	18 07 53.3 -0.7
N47A	Urbana	50.41 349	P	P	18 07 53.7 -1.4
N47A	Urbana	50.41 349	P	P	18 07 53.6 -1.4
L57A	Andrews Acres	50.49 358	P	P	18 07 56.6 +1.0
L58A	Harry Jones Me	50.50 359	P	P	18 07 56.7 +1.1
BINY	Binghamton	50.66 358	P	P	18 07 58.3 +1.4
L56A	Greenwood	50.66 357	P	P	18 07 57.4 +0.5
L53A	Girard	50.68 354	P	P	18 07 57.0 0.0
M49A	Liberty Center	50.69 351	P	P	18 07 56.8 -0.3
L55A	Hinsdale	50.76 356	P	P	18 07 58.2 +0.6
ERPA	Erie	50.82 355	P	P	18 07 58.5 +0.4
L54A	Sinclairville	50.87 355	P	P	18 07 58.6 +0.1
HDIL	Hopedale	50.90 345	P	P	18 07 56.8 -1.9
HDIL	Hopedale	50.90 345	P	P	18 07 57.9 -0.8
HRV	Adam Dzewonsk	51.01 3	P	P	18 08 01.3 +1.9
K61A	Williamstown	51.11 1	P	P	18 08 02.2 +1.9
K54A	Basillio Farm,	51.20 356	P	P	18 08 01.6 +0.7
K57A	Scipio Center	51.20 358	P	P	18 08 01.5 +0.6
K58A	Earlville	51.21 359	P	P	18 08 02.3 +1.3
L48A	N Adams	51.22 350	P	P	18 08 00.3 -0.8
P38A	Dawn	51.25 341	P	I Amb	18 08 00.3 -1.0
P38A					18 08 35.8
L49A	Milan	51.28 351	P	P	18 08 01.2 -0.2
N41A	Harden Midland	51.45 344	P	P	18 08 01.0 -1.8
N46A	Eue Claire	51.62 349	P	P	18 08 04.0 -0.1
J56A	Wolcott	51.76 358	P	P	18 08 05.8 +0.8
J55A	Hilton	51.80 357	P	P	18 08 06.1 +0.8
K51A	Kansas State U	51.85 358	P	P	18 08 05.4 -0.4
J54A	Appleton	51.85 356	P	P	18 08 06.2 +0.5
J57A	Williamstown	51.87 358	P	P	18 08 05.3 -0.5
J57A	Williamstown	51.87 358	P	P	18 08 07.0 +1.2
121A	Cookes Peak, D	51.93 324	P	I Amb	18 08 07.6 +0.9
121A					18 08 08.6
121A	Cookes Peak, D	51.93 324	P	P	18 08 07.3 +0.6
J52A	Paris	51.98 354	P	P	18 08 06.9 +0.3
319A	Douglas	52.01 322	P	I Amb	18 08 07.8 +0.5
319A					18 08 08.9
K48A	Perry	52.01 351	P	P	18 08 06.4 -0.4
R32A	Long Quarter,	52.08 336	P	P	18 08 07.4 -0.1
I58A	Old Forge	52.13 359	P	P	18 08 09.2 +1.4
J48A	Bridge Port	52.44 351	P	P	18 08 10.1 0.0
J47A	Summer	52.55 350	P	P	18 08 10.2 -0.7
I51A	Listowel	52.59 354	P	P	18 08 10.9 -0.3
I55A	Frankford	52.74 357	P	P	18 08 12.4 +0.2
CBKS	Cedar Bluff	52.83 335	P	P	18 08 13.6 +0.5
H58A	Gabriels	52.85 0	P	P	18 08 13.8 +0.7
H57A	Richville	52.91 359	P	P	18 08 14.2 +0.8
ANMO	Albuquerque	52.96 327	P	P	18 08 14.0 -0.3
ANMO	Albuquerque	52.96 327	P	I Amb	18 08 14.5 +0.3
ANMO	Albuquerque	52.96 327	P	I Amb	18 08 15.7
ANMO	Albuquerque	52.96 327	P	P	18 08 14.6 +0.3
H55A	Tweed	53.05 357	P	P	18 08 15.3 +0.8
LONV	Lake Ozonia	53.05 360	P	P	18 08 15.6 +1.0
H56A	Elgin	53.05 358	P	P	18 08 15.6 +1.1
N35A	Tabor	53.06 340	P	P	18 08 13.7 -1.0
H53A	Bobcaygeon	53.15 356	P	P	18 08 15.3 0.0
H48A	Sherman Twp	53.30 352	P	P	18 08 18.0 +1.6
JFWS	Jewell Farm	53.36 345	P	P	18 08 15.5 -1.3
G57A	Newington	53.54 359	P	P	18 08 18.8 +0.7
TUC	Tucson	53.58 321	P	I Amb	18 08 18.4 -0.4
TUC					18 08 19.8
TUC	Tucson	53.58 321	P	P	18 08 18.9 +0.2
T25A	Trinidad	53.59 330	P	I Amb	18 08 19.4 +0.6
T25A					18 08 20.5
T25A	Trinidad	53.59 330	P	P	18 08 19.5 +0.6
G53A	Haliburton	53.70 356	P	P	18 08 19.5 +0.3
G55A	Catlabogie	53.73 358	P	P	18 08 20.3 +0.9
G62A	West of Eustis	53.76 3	P	P	18 08 21.0 +1.3
G61A	St-Honore-de-	53.78 2	P	P	18 08 21.1 +1.2
H46A	Fife Lake	53.88 350	P	P	18 08 19.3 -1.3
G54A	Lake Saint Pet	53.94 357	P	P	18 08 21.0 0.0
KSCO	Kaye Sheddock'	54.25 333	P	P	18 08 23.4 -0.1
KSCO	Kaye Sheddock'	54.25 333	P	P	18 08 24.1 +0.6
BGNE	Belgrade	54.44 338	P	P	18 08 23.7 -1.0
BGNE	Belgrade	54.44 338	P	P	18 08 24.8 +0.1
ALGO	Algonquin Park	54.49 357	P	P	18 08 25.0 +0.1
FS1A	Arnstein	54.59 355	P	P	18 08 25.6 -0.1
SDCO	Great Sand Dun	54.60 330	P	I Amb	18 08 26.5 +0.2
SDCO					18 08 27.8
SDCO	Great Sand Dun	54.60 330	P	P	18 08 26.7 +0.4
214A	Organ Pipe Nat	54.62 320	P	P	18 08 26.6 +0.4
214A	Organ Pipe Nat	54.62 320	P	P	18 08 27.0 +0.7
X18A	Snowflake	54.62 324	P	I Amb	18 08 26.3 0.0
X18A					18 08 27.9
F49A	Sandfield	54.64 353	P	P	18 08 24.6 -1.4
F48A	Evansville	54.77 353	P	P	18 08 25.8 -1.1
E57A	Chemin Saint G	54.85 0	P	P	18 08 28.0 +0.4
W18A	Petrified Fore	54.91 325	P	I Amb	18 08 29.1 +0.7
W18A					18 08 30.1
W18A	Petrified Fore	54.91 325	P	P	18 08 29.0 +0.5
E54A	Lac Daplat, Po	54.93 358	P	P	18 08 28.3 +0.2
E56A	St. Veronique	54.98 359	P	P	18 08 29.5 +1.0
F45A	CMU Biological	55.04 350	P	P	18 08 27.8 -1.1
E51A	G1948 Merrick	55.16 356	P	P	18 08 29.9 +0.1
S22A	4UR Ranch, Cre	55.27 329	P	P	18 08 31.5 +0.3
E48A	Lockeey	55.36 353	P	P	18 08 30.7 -0.5
X16A	Lo Mia Camp, P	55.42 323	P	I Amb	18 08 32.4 +0.2
X16A					18 08 33.7
D57A	Chemin Vers le	55.45 0	P	P	18 08 32.6 +0.8
D55A	Sainte-Anne-du	55.46 359	P	P	18 08 32.4 +0.5
E47A	Iron Bridge	55.47 353	P	P	18 08 30.8 -1.1
D56A	ZEC Mazanza, M	55.48 360	P	P	18 08 32.6 +0.5
D58A	Chemin du LacG	55.55 1	P	P	18 08 33.5 +0.9
OGNE	Ogallala	55.58 353	P	P	18 08 33.7 -0.7
D53A	Lac Vacive, Po	55.95 357	P	P	18 08 32.8 -0.1
D54A	Lac Fusel, La	55.62 358	P	P	18 08 33.3 +0.2
MVCO	Mesa Verde	55.74 327	P	I Amb	18 08 32.0 -2.5
MVCO					18 08 45.7
D61A	St Aubert, Com	55.76 3	P	P	18 08 34.2 +0.2
LATQ	La Tuque	55.84 1	P	P	18 08 35.7 +1.2
ECSD	EROS Data Cent	55.95 341	P	P	18 08 34.5 -1.1
ECSD	EROS Data Cent	55.95 341	P	P	18 08 34.6 -0.9
D46A	Sault St. Mari	56.00 352	P	P	18 08 34.3 -1.4
D47A	Chapleau	56.04 353	P	P	18 08 35.3 -0.8
Y14A	Wickenburg	56.05 321	P	P	18 08 36.3 -0.2
WUAZ	Wupatki	56.14 324	P	P	18 08 37.9 +0.7
WUAZ	Wupatki	56.14 324	P	P	18 08 38.1 +0.9
SPMN	Marine on St.	56.18 344	P	P	18 08 35.6 -1.5
PV15	Paradox Valley	56.58 328	P	P	18 08 41.3 +0.9
GLA	Glamis	56.62 319	P	P	18 08 40.9 +0.4
Y12C	Blythe	56.88 320	P	P	18 08 42.1 -0.1
Y12C	Blythe	56.88 320	P	P	18 08 42.6 +0.4
PDMCI	Parker Dam,Lak	57.00 321	P	P	18 08 43.1 +0.1
E38A	The Farm, Brul	57.15 346	P	I Amb	18 08 42.6 -1.2
E38A					18 09 18.9
IKP	In-Ko-Pah, Jac	57.21 318	P	P	18 08 43.6 -1.1
N23A	Red Feather La	57.28 332	P	P	18 08 46.0 +0.7
U15A	North Rim	57.31 324	P	I Amb	18 08 46.0 +0.4
U15A					18 08 47.4
W13A	Hualapai Mount	57.36 322	P	I Amb	18 08 46.4 +0.5
W13A					18 08 47.8
BC3	Big Chuckawall	57.41 319	P	P	18 08 46.8 +0.7
IRM	Iron Mountain	57.53 320	P	P	18 08 47.7 +0.8
LSQQ	Lebel-sur-Quev	57.54 358	P	P	18 08 47.1 +0.6
BELO	Belle Mtn. Jos	57.98 319	P	P	18 08 50.8 +0.6
KNB	Kanab	58.02 324	P	P	18 08 51.0 +0.5
PFO	Pinyon Flats O	58.03 319	P	I Amb	18 08 51.0 +0.5
PFO	Pinyon Flats O	58.03 319	P	I Amb	18 08 54.0
GMRC	Granite Mounta	58.26 320	P	P	18 08 52.4 +0.3
LCMT	Little Creek M	58.27 324	P	P	18 08 52.9 +0.8
MATO	Matagami	58.27 357	P	P	18 08 51.9 +0.3
EYMN	Ely	58.39 347	P	I Amb	18 08 51.2 -1.4
EYMN					18 09 27.6
EYMN	Ely	58.39 347	P	P	18 08 51.0 -1.5
RWWY	Rawlins	58.49 332	P	P	18 08 53.3 -0.4
MURC	Murieta	58.51 318	P	P	18 08 54.5 +0.8
MSU	Marysville	58.70 326	P	P	18 08 54.7 -0.4
CCUT	Cedar City	58.70 324	P	P	18 08 56.0 +0.8
HEC	Hector,Ludlow	58.72 320	P	P	18 08 56.5 +1.3
TUQ	Turquoise Moun	58.84 321	P	P	18 08 56.8 +0.7

27d 18h

Table of seismic events for 27d 18h, listing station names (e.g., D05A, B05A), magnitudes, and other parameters.

2014 MAR

Table of seismic events for 2014 MAR, listing station names (e.g., STKA, STKA), magnitudes, and other parameters.

1540

Table of seismic events for 1540, listing station names (e.g., SLBB, SLBB), magnitudes, and other parameters.

NIED 27 18:17:00, 42°80'N, 142°70'E, h35km, Mw4.2 Best double couple... SKHL 27 18:17:53, 70.5, 42°52'N, 142°66'E, h60km, mb4.8, 8.6... NEIC 27 18:17:52.2, 42°78'N, 142°78'E, h33km, 7km, mb4.2/9, Error ellipse: s-maj=12.8km s-min=8.4km az=62.0

JMA 27 18:17:54.2±0.1, 42°78'N, 142°76'E, h29km, mb4.0, M4.0 Broadband fault plane solution: P waves. NP1: 0°±39.0000°, 82.30000°, 140.0000°... NP2: 0°±166.0000°, 87.50000°, 172.0000°... Principal axes: T P166.0000°, Azm15.0000°; N P148.0000°, Azm17.0000°; JMA Fell II J1.

MOS 27 18:17:54.6±1.1, 42°73'N, 142°76'E, h67km, mb4.3/9 Error ellipse: s-maj=7.6km s-min=6.0km az=84.5 IDC 27 18:17:55.8±1.8, 42°81'N, 142°61'E, h53km, 12km, mb3.7/19, mb1.3/8.25, mb1mx3.6/8.1, mb1mx3.9/25, MS3.3/7, Ms1.3/4.7, ms1mx3.0/5.0, Error ellipse: s-maj=17.3km s-min=10.9km az=132.0

ISC 27 18:17:54.4±0.6, 42°73'N, 142°70'E, h38km, 11km, 146±1, s195/160, mb4.0/30, MS3.5/3, 14C-13D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data.

IDC 27 18:01:30.2±2.8, 5°16'S, 133°30'E, h0km, mb3.4/1, mb1.3/4.4, mb1mx3.2/3.0, mbmp3.2/4.0, ML3.0/3, MS3.7/2, Ms1.3/7.2, ms1mx2.8/3.2, Error ellipse: s-maj=99.3km s-min=30.5km az=85.0, Aru Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the IDC event.

JMA 27 18:10:38.0, 24.43N, 123.95E, h0km, M0.3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the JMA event.

TAP 27 18:11:32.1, 24.47N, 121.82E, h20km, ML2.2, 1D, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the TAP event.

YUK	comp=E,51um,0.2s			pmax	pmax				
YUK	comp=Z,268um,0.2s			pmax	pmax				
YUK	comp=N,46um,0.1s			pmax	pmax				
YUK	comp=E,554nm,0.2s			smax	smax				
YUK	comp=N,709nm,0.3s			smax	smax				
YSS	Yuzh-Sakhalins	4.22	1	eP	AMB			18 18 57.8	+1.7
YSS	comp=N,20nm,0.6s			eS	Sn			18 19 46.7	+2.5
YSS	Yuzh-Sakhalins	4.22	1	eP	Sn			18 18 57.8	+1.7
YSS	comp=Z,20nm,0.6s			eS	Pn			18 19 42.6	-1.6
YSS	comp=E,30nm,0.7s			eP	Sn				
YSS	comp=Z,400nm,14.0s			pmax	pmax				
YSS	comp=N,300nm,13.0s			MLR	MLR				
YSS	Yuzh-Sakhalins	4.22	1	eP	Pn			18 18 55.5	-0.6
KUR	Kuril'sk	4.49	54	iP	Pn			18 19 03.0	+3.2
KUR	comp=N,20nm,0.3s			AMB	AMB			18 19 04.6	
KUR	comp=N,40nm,0.3s			AMB	AMB			18 19 04.6	
KUR	comp=N,90nm,0.3s			AMB	AMB			18 19 04.6	
KUR	comp=N,161nm,0.3s			eS	Sn			18 19 54.8	+4.1
KUR	Kuril'sk	4.49	54	iP	Sn			18 20 07.0	
KUR	comp=N,78nm,0.3s			A	A			18 19 07.0	
KUR	Kuril'sk	4.49	54	iP	Pn			18 19 03.0	+3.2
KUR	comp=N,21nm,0.2s			eS	Sn			18 19 56.5	+5.8
KUR	comp=E,35nm,0.2s			pmax	pmax				
KUR	comp=Z,90nm,0.2s			pmax	pmax				
KUR	comp=N,106nm,0.2s			smax	smax				
KUR	comp=E,78nm,0.7s			smax	smax				
TEY	Ternei	4.97	300	eP	Pn			18 19 09.2	+2.8
TEY	comp=E,10.0nm,0.7s			AMB	AMB			18 19 11.2	
TEY	Ternei	4.97	300	eP	Pn			18 19 11.2	
TEY	comp=E,10.0nm,0.7s			AMB	AMB			18 19 11.2	
TEY	Ternei	4.97	300	eP	Pn			18 19 10.5	+4.1
TEY	comp=N,10.0nm,0.7s			pmax	pmax				
TEY	comp=Z,10.0nm,0.7s			pmax	pmax				
UGL	Uglegorsk	6.37	356	eP	AMB			18 19 28.5	+3.0
UGL	comp=Z,20nm,0.7s			eP	Pn			18 19 29.1	
MJAO	Matsu Arr-Jizo	7.07	211	eP	Pn			18 19 40.7	+5.4
MJBO	Matsu-Tunnel	7.08	211	eP	Pn			18 19 37.7	+2.3
MAJO	Matsushiro	7.08	211	Pn	Pn			18 19 37.7	+2.3
MAJO	Matsushiro	7.08	211	Pn	Pn			18 19 37.7	+2.3
MJAR	Matsushiro Arr	7.08	211	Pn	Pn			18 19 37.4	+1.9
MJAR	comp=Z,0.1nm,0.3s,baz=22,slow=13,SNR=6.6			LR	LR			18 22 52.2	
MJAR	comp=Z,289nm,19.2s,baz=25,slow=42			LR	LR			18 22 52.2	
MJAR	Matsushiro Arr	7.08	211	Pn	Pn			18 19 36.6	+1.1
MJAR	Matsushiro Arr	7.08	211	Pn	Pn			18 19 36.5	+1.1
USA0B	Ussuriysk Arr	7.93	284	eP	Pn			18 19 50.5	+3.5
USRK	Ussuriysk Ar.	7.93	284	Pn	Pn			18 19 49.0	+2.0
USRK	Ussuriysk Ar.	7.93	284	Pn	Pn			18 19 50.1	+3.1
USRK	Ussuriysk Ar.	7.93	284	Pn	Pn			18 19 50.1	+3.1
VLA	Vladivostok	8.15	360	eP	Pn			18 19 51.0	+3.8
TYV	Tymovskoe	8.14	360	eP	AMB			18 19 54.6	+4.8
TYV	comp=Z,6.0nm,1.0s			AMB	AMB			18 19 55.3	
TYV	comp=Z,200nm,3.0s			AMB	AMB			18 19 59.0	
TYV	comp=Z,3.0nm,1.0s			eS	Sn			18 21 23.5	+3.1
TYV	comp=Z,3.0nm,1.0s			A	A			18 21 24.3	
TYV	comp=Z,700nm,6.0s			A	A			18 21 31.5	
TYV	Tymovskoe	8.14	360	eP	Pn			18 19 54.6	+4.8
TYV	comp=Z,7.0nm,1.0s			eS	Sn			18 21 23.5	+3.1
TYV	comp=Z,200nm,3.4s			pmax	pmax				
TYV	comp=E,3.0nm,1.4s			smax	smax				
TYV	comp=N,700nm,5.9s			smax	smax				
KLR	Kul'dur	10.01	314	P	Pn			18 20 16.5	+1.0
KLR	comp=N,0.1nm,0.3s,baz=113,slow=16,SNR=6.0			LR	LR			18 20 04.1	
KLR	comp=N,134nm,18.9s,baz=28,slow=36			LR	LR			18 20 04.1	
KLR	Kul'dur	10.01	314	eP	Pn			18 20 17.8	+2.3
KLR	Kul'dur	10.01	314	eP	Pn			18 20 17.8	+2.3
NKL	Nikolayevsk	10.52	353	eP	Pn			18 20 25.6	+3.3
EKMR	Ekimchan	12.23	331	eP	Pn			18 20 48.0	+2.2
KSR5	Korea Array	12.48	250	P	Pn			18 20 58.0	
KSR5	comp=N,4.0nm,0.8s			P	Pn			18 20 51.5	+2.2
KSR5	comp=N,134nm,18.9s,baz=28,slow=36			LR	LR			18 20 25.0	
KSR5	Korea Array	12.48	250	eP	Pn			18 20 53.4	+4.2
TJN	Taejon	14.22	247	eP	Pn			18 21 07.7	-3.2
PETK	Petrovlovsk-	14.42	39	P	P			18 21 17.8	+2.1
PETK	comp=N,0.5nm,0.3s,baz=39,slow=12,SNR=4.5			LR	LR			18 27 33.2	
ZE	Zeya	15.04	322	eP	Pn			18 21 21.0	-2.9
ZE	Zeya	15.04	322	eP	Pn			18 21 19.8	-4.1
ZE	comp=Z,12nm,1.0s			pmax	pmax				
BMKR	Bomnak	15.04	328	eP	Pn			18 21 23.0	-1.0
MA2	Magadan	17.59	14	P	Pn			18 21 56.6	+0.3
MA2	comp=Z,2.0nm,0.3s,baz=202,slow=14,SNR=4.7			P	Pn			18 21 57.6	+0.6
MA2	Magadan	17.59	14	P	Pn			18 21 55.6	-0.6
MA2	Magadan	17.59	14	P	Pn			18 22 32.5	+0.2
YAK	Yakutsk	20.82	343	P	P			18 22 32.5	+0.2
YAK	comp=Z,2.0nm,0.4s,baz=324,slow=14,SNR=2.7			P	P			18 22 32.5	+0.6
YAK	Yakutsk	20.82	343	eP	P			18 22 32.9	+0.6
YAK	Yakutsk	20.82	343	eP	P			18 22 32.9	+0.6
SEY	Seymchan	21.02	12	P	P			18 22 33.2	-1.2
SEY	comp=Z,1.1nm,0.9s,baz=197,slow=7.8,SNR=3.1			P	P			18 22 33.2	-1.2
SEY	Seymchan	21.02	12	iP	P			18 22 33.0	-1.4
HHC	Hu-ho-hao-te	23.23	276	eP	P			18 22 57.5	-0.7
ULN	Ulanbaatar	25.44	294	eP	P			18 23 17.7	-0.9
ULN	Ulanbaatar	25.44	294	iP	P			18 23 17.7	-0.9
ULN	comp=Z,3.0nm,1.4s			pmax	pmax				
SOMM	Songino Array	25.89	294	P	P			18 23 21.3	-1.4
SOMM	comp=Z,1.2nm,0.9s,baz=86,slow=9.0,SNR=5.6			P	P			18 23 23.5	+0.9
SOMM	Songino Array	25.89	294	eP	P			18 23 21.2	-1.4
SOMM	Tiksi	29.79	351	eP	P			18 23 54.2	-2.8
SOMM	comp=Z,1.0nm,0.9s			pmax	pmax				
SOMM	Songino Array	25.89	294	P	P			18 23 21.2	-1.4
TIXI	Tiksi	29.79	351	eP	P			18 23 54.2	-2.8
TIXI	comp=Z,1.0nm,1.1s			pmax	pmax				
H1N2	WAKE ISLAND HJ 30.68	131	T	T				18 55 49.4	
H1N1	WAKE ISLAND HJ 30.69	131	T	T				18 55 41.6	
H1N3	WAKE ISLAND HJ 30.70	131	T	T				18 55 51.3	
H1S1	WAKE ISLAND HJ 31.56	132	T	T				18 56 50.4	
H1S3	WAKE ISLAND HJ 31.57	133	T	T				18 56 51.3	
H1S2	WAKE ISLAND HJ 31.58	133	T	T				18 56 58.0	
KMI	Kummin	37.11	255	P	P			18 25 01.3	-0.2
DGZ	Jazzator, Alta	38.12	300	iP	P			18 25 09.5	-0.2
DGZ	comp=Z,3.0nm,0.8s			iP	P			18 25 32.3	+7.4
DGZ	comp=Z,3.0nm,0.8s			pmax	pmax				

ZALV	Zalesovo Beam	39.02	307	P	P			18 25 14.8	-2.2
ZALV	comp=Z,0.8nm,0.4s,baz=97,slow=7.6,SNR=5.6			P	P			18 27 25.8	-0.7
ZALV	comp=Z,0.5nm,0.3s,baz=265,slow=13,SNR=1.5			P	P			18 31 10.2	-1.5
ZALV	Zalesovo Beam	39.02	307	eP	P			18 25 16.3	-0.7
ZALV	comp=Z,1.0nm,0.4s			pmax	pmax				
WMQ	Urumiq	39.43	291	eP	P			18 25 25.3	+4.6
WMQ	Indian Mountai	41.31	34	P	P			18 25 30.8	-0.8
IMAR	Makanchi Array	42.16	297	P	P			18 25 35.1	-0.7
MK31	Makanchi Array	42.16	297	P	P			18 25 41.8	-1.3
MK31	comp=Z,3.0nm,1.0s			pmax	pmax				
MK31	Makanchi Array	42.16	297	P	P			18 25 41.8	-1.3
MKAR	Makanchi Array	42.16	297	P	P			18 25 42.0	-1.2
MKAR	comp=Z,1.9nm,0.8s,baz=80,slow=9.1			ScP	ScP			18 31 23.3	-1.0
MKAR	Makanchi Array	42.16	297	P	P			18 25 41.8	-1.3
MAKZ	Makanchi	42.37	297	P	P			18 25 43.6	-1.1
MAKZ	comp=Z,3.0nm,1.0s			pmax	pmax				
MAKZ	Makanchi	42.37	297	P	P			18 25 43.6	-1.1
MAKZ	comp=Z,2.7nm,0.9s			IAMB	IAMB			18 25 47.7	
KURK	Kurchatov	43.40	304	eP	P			18 25 51.8	-1.2
KURK	Kurchatov	43.40	304	eP	P			18 25 51.8	-1.2
KURK	comp=Z,4.0nm,0.7s			IAMB	IAMB			18 25 52.0	-1.0
KURK	Kurchatov	43.40	304	P	P			18 25 55.4	
KURBB	Kurchatov Arra	43.48	304	P	P			18 25 52.2	-1.3
CHTO	Chiang Mai	43.88	251	P	P			18 25 56.9	-0.3
CHTO	comp=Z,4.0nm,1.0s			pmax	pmax				
CHTO	Chiang Mai	43.88	251	P	P			18 25 56.9	-0.3
CHTO	comp=Z,4.2nm,0.9s			IAMB	IAMB			18 25 58.4	
CMAR	Chiang Mai Arr	44.12	251	P	P			18 25 58.6	-0.5
CMAR	comp=Z,1.3nm,0.9s,baz=44,slow=6.7,SNR=7.8			LR	LR			18 45 56.3	
CMAR	Chiang Mai Arr	44.12	251	eP	P			18 25 59.5	+0.4
CMAR	comp=Z,1.0nm,0.9s			pmax	pmax				
IL31	IL31	44.22	35	P	P			18 25 59.1	-0.2
IL31	comp=Z,1.4nm,1.9s			IAMB	IAMB			18 27 39.9	
ILAR	Eielson Array	44.22	35	P	P			18 25 58.8	-0.7
ILAR	comp=Z,1.4nm,0.8s,baz=267,slow=7.0,SNR=14			P	P			18 25 58.7	-0.7
ILAR	Eielson Array	44.22	35	eP	P			18 25 58.7	-0.7
ILAR	comp=Z,2.0nm,0.9s			pmax	pmax				
ILAR	Eielson Array	44.22	35	P	P			18 25 59.0	-0.4
BCAR	Beaver Creek A	46.70	37	P	P			18 26 20.1	+0.9
ODAN	Odare	47.28	269	eP	P			18 26 24.2	-0.1
BVAR	comp=Z,5.4nm,0.5s			P	P			18 26 25.2	-1.2
BVAR	comp=Z,1.0nm,0.5s,baz=82,slow=9.2,SNR=17			P	P			18 27 55.0	-0.5
BVRK	Borovoye	47.67	309	eP	P			18 26 25.6	-1.1
BVRK	Borovoye	47.67	309	eP	P			18 26 25.7	-1.0
BVRK	Jiri	47.71	271	eP	P			18	

27d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JAY Jayapura, GENI Genyem, WAKE Wake Island, etc.

2014 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLR Kul'dur, MA2 Magadan, BRK Bradley Lake, etc.

1542

Table with columns for station name, frequency, power, and other technical details. Includes stations like LVZ Lovozero, ARCES ARCESS Array B, ARCES comp=Z,1.8nm,0.9s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIRR, GZR, GZK, KRUC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ODAN, JIRN, GUN, ILAR, etc.

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

NIED 27 18:46:00,38.40N,142.20E,h35km,Mw4.0 Best double couple: Mo:1.13000x10^15 NP1:188.00000,884.00000,...

JMA 27 18:46:03.70-1.38:42N:142:17E,h37km:1km,M4.0 JMA Feil II J1.

NEIC 27 18:46:05.2-0.5,38:39N:0:08:142:2E:0.1,h51km:10km, mb4.37, Error ellipse: s-maj=17.0km s-min=10.0km

IDC 27 18:46:06.0-2.0,38:41N:142:27E,h51km:18km,mb3.6/15, mb1 3.8/20, mb1mx3.6/54, mbtmp3.9/20, ML3.6/3, MS3.0/5, Ms1 3.0/5, ms1mx2.7/50, Error ellipse: s-maj=18.5km s-min=10.4km az=113.0

IDC 27 18:45:59.7-2.2,38:34N:0:04:142:31E:0.06,h5km:12km, n77,r1:965/83,mb4.0/19,Near east coast of eastern Honshu

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

KEA 27 18:46:06.1-0.0,40:89N:122:55E,h0km,ML3.1/4, Northeastern China

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

IGIL 27 18:54:55.6,36:92N:9:20W,h29km,ML1.2 INMG 27 18:54:55.6:1.6,36:91N:9:18W,h28km:4km,ML1.4, Error ellipse: s-maj=8.9km s-min=5.3km az=84.0

MDD 27 18:54:55.4:1.4,36:94N:9:22W,h30km:8km,mb3.7, mbL1.9/1, Error ellipse: s-maj=12.1km s-min=11.2km az=130.0, PRXIMO

IDC 27 18:54:53.6:2.9,37:00N:0:09:9:13W:0.10,h16km:10km, n29,e064/52,West of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVFI, PVFI, PVFI, etc.

IDC 27 19:15:05.7:55.0,21:85S:174:51W,h0km,mb3.9/3, mb1 4.1/3, mb1mx3.7/30, mbtmp3.9/3, Error ellipse: s-maj=1029.0km s-min=182.9km az=86.0, Tonga

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, ASAR, WRA, etc.

IDC 27 19:26:45.9:1.0,50:09N:0:04:18:42E:0.03,h0km,n14, e064/25, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC, OKC, OKC, etc.

IDC 27 19:36:48.7:3.6,34:74N:70:30E,h72km:31km,mb3.3/6, mb1 3.3/12, mb1mx3.1/43, mbtmp3.5/12, MS3.7/1, Ms1 3.7/1, ms1mx2.5/34, Error ellipse: s-maj=24.0km s-min=20.7km az=82.0

NNC 27 19:36:50.6:6.1,35:00N:70:59E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=74.2km s-min=47.1km az=105.0

IDC 27 19:36:44.3:0.9,34:50N:0:07:70:36E:0.08,h35km,n28, e230/33,mb3.6/6,3C-3D,Southeastern Afghanistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DHRM, DHRM, DHRM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAPN, TAPN, TAPN, etc.

27d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LKOH, ADOK, OKCFA, etc.

ADC 27 20:10:42.2+1.0, 42.41Sx42.55E, h0km, mb3.8/7, mb1.3/9.8, mb1mx3.7/35, mbtrp3.8/8, ML4.1, MS3.6/13, Ms1.3/6.13, ms1mx3.4/32, Error ellipse: s-maj=57.0km s-min=20.8km az=35.0

ISC 27 20:10:44.1+1.1, 42.42Sx42.42E, h0.3, h13km, n22, o071/11, mb3.7/17, MS3.6/11, Prince Edward Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA, SUR, LBTB, MATP, etc.

ADC 27 20:16:52.7+26.0, 21.47Sx173.62W, h0km, mb4.1/4, mb1.4/3.4, mb1mx3.9/28, mbtrp4.1/4, Error ellipse: s-maj=38.6, 1km s-min=15.4, 1km az=75.0

NEIC 27 20:17.1+1.1, 21.7Sx0.3-175.4V, h46km, 17km, mb4.4/12, Error ellipse: s-maj=42.5km s-min=22.6km az=151.0

ISC 27 20:17.1+1.1, 21.7Sx0.2-175.5W, h0.2, h35km, n17, o094/17, mb4.4/11, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE, KHZ, LTZ, etc.

2014 MAR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA, BBOO, AS31, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLGN, La Laguna, SNJE, etc.

27d 21h

Table with columns: BINY, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

2014 MAR

Table with columns: PDAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

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Table with columns: MDM, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PS10 TAPS Pump St10, BGL Barrier Glacie, IL31 Rabbit Creek, etc.

NEIC 27 21:30:01.6, 1.2, 5.28S; 0.06, 152.4E; 0.2, h57km, 8km, mb4.1/23, Error ellipse: s-maj=27.6km s-min=6.5km az=76.0

IDC 27 21:30:01.4, 2.5, 5.40S; 152.41E, h63km, 16km, mb3.6/11, mb1.3/8.12, mb1mx3.5/47, mbtmp3.9/12, MS3.0/3, Ms1.3/0.3, ms1mx2.7/28, Error ellipse: s-maj=34.3km s-min=11.6km az=112.0

ISC 27 21:29:59.1, 0.9, 5.40S; 0.07, 152.5E; 0.1, h40km, n42, o152/42, mb4.1/22, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBS Kurchatov Arr, BVAR Borovoye Array, YKA Yellowknife Arr, etc.

IDC 27 22:07:32.4, 2.2, 3.13N; 125.59E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.2/38, mbtmp3.2/3, Error ellipse: s-maj=199.3km s-min=28.5km az=65.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

GCG 27 22:18:59.9, 0.3, 13.59N; 91.38W, h17km, 3km, MD4.2, INET 27 22:19:02.8, 13.72N; 91.29W, h15km, ML4.5, NEIC 27 22:19:03.3, 2.1, 13.74N; 0.07, 91.37W; 0.05, h53km, 10km, mb4.4/15, MD4.2/17(MEX), Error ellipse: s-maj=10.4km s-min=6.7km az=206.0

SNET 27 22:19:03.2, 2.0, 13.82N; 91.21W, h24km, 12km, ML4.1, UCR 27 22:19:03.2, 2.0, 13.83N; 91.21W, h25km, 12km, ML3.9, mb4.4(NEIC)

MEX 27 22:19:04.8, 0.5, 13.70N; 91.51W, h10km, MD4.2, IDC 27 22:19:05.9, 2.3, 13.83N; 91.14W, h84km, 17km, mb3.5/6, mb1.3/8.10, mb1mx3.5/42, mbtmp3.9/10, MS2.9/2, Ms1.2/9.2, ms1mx2.6/26, Error ellipse: s-maj=25.0km s-min=22.4km az=45.0

ISC 27 22:19:02.7, 1.2, 13.69N; 0.07, 91.35W; 0.04, h55km, 11km, n95, o1920/116, mb4.0/12, 2C-4D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERG Entre ros, C, FUG Fuego 3, PCG Pacaya, etc.

APG El Apazote, 1.57 33 P Sn 22 19 47.4 -0.3

RTR El Retiro, 1.67 83 eP Pn 22 19 29.6 -0.1

BOQS Boqueron, 2.02 88 eP Pn 22 19 34.2 +0.2

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

SNET Serv Nac Est T, 2.06 90 eP Pn 22 19 35.1 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TX31 Lajitas Arr, etc.

TKL Tuckaleehee C, 22.91 16 P P 22 23 60.0 -2.0

TKL Tuckaleehee C, 22.91 16 I Amb I Amb 22 24 03.9

SADO Sadowa, 32.68 16 P P 22 25 28.0 -1.6

SADO Sadowa, 32.68 16 I Amb I Amb 22 25 38.7

ELK Elko, 34.09 327 P P 22 25 43.1 +0.7

ELK Elko, 34.09 327 I Amb I Amb 22 25 44.7

EYMN Ely, 34.15 360 P P 22 25 45.4 -1.1

NVAR Mina Array Bea, 34.31 321 P P 22 25 45.9 +1.7

YKA Yellowknife Arr, 51.47 346 P P 22 28 01.4 -0.9

SEW Seward, 62.56 331 P P 22 29 21.1 +0.4

SEW Seward, 62.56 331 I Amb I Amb 22 29 34.0

ANGG Ammassalit, Gr, 63.08 22 P P 22 29 25.1 +1.1

BRLK Bradley Lake, 63.11 321 P P 22 29 24.8 +0.3

CNPM China Foot, 63.20 330 P P 22 29 25.4 +0.4

KDAAK Kodiak Island, 63.31 328 P P 22 29 25.6 -0.1

ILAR Eielson Array, 63.37 337 P P 22 29 25.9 -0.1

OHAK Old Harbor, 63.51 328 P P 22 29 26.8 -0.3

BWN Browne, 64.13 336 P P 22 29 30.5 -0.5

RSC Redoubt South, 64.23 331 P P 22 29 31.8 -0.2

PPLA Keyperley, 64.79 334 P P 22 29 35.2 -0.3

PPLA Keyperley, 64.79 334 I Amb I Amb 22 29 53.9

MKAR Makanchi Array, 119.53 5 PKP PKPdf 22 37 44.0 -2.5

WRA Warramunga Arr, 135.93 255 PKP PKPdf 22 38 19.0 +0.6

ASAR Alice Springs, 136.15 250 PKP PKPdf 22 38 19.2 +0.5

CMAR Chiang Mai Arr, 146.48 342 PKPbc PKPdf 22 38 37.2 0.0

IDC 27 22:35:30.6, 49.0, 16.47S; 177.25W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.6/54, mbtmp4.0/3, MS3.3/1, Ms1.3/1.1, ms1mx2.5/33, Error ellipse: s-maj=917.5km s-min=161.3km az=78.0, Fiji Islands region

URZ Urewera, 22.27 192 LR LR 22 46 46.3

STKA Stephens Creek, 40.30 240 P P 22 43 10.3 +0.6

WRA Warramunga Arr, 45.99 258 P P 22 43 55.5 -0.6

ASAR Alice Springs, 136.15 250 PKP PKPdf 22 43 57.8 -0.3

IDC 27 22:39:28.4, 1.7, 1.81N; 124.91E, h0km, mb3.8/3, mb1.4/0.4, mb1mx3.5/47, mbtmp3.8/4, ML4.0/1, MS3.4/1, Ms1.3/4.1, ms1mx2.5/36, Error ellipse: s-maj=122.0km s-min=21.9km az=67.0

DJA 27 22:39:27.9, 0.9, 1.7N; 124.91E, h225km, 8km, M3.6/7, MLV3.6/7

NEIC 27 22:39:59.0, 1.7, 0.63N; 0.09, 123.3E; 0.1, h294km, 8km, mb4.1/11, Error ellipse: s-maj=18.0km s-min=13.5km az=84.0

ISC 27 22:39:57.9, 1.0, 0.7N; 0.1, 124.31E; 0.05, h250km, n31, o151/27, mb4.0/8, Minahassa Peninsula, Sulawesi

KMSI Cibinong, 0.35 250 Op S ISC 22 41 17.7 -1.4

LWUI Luwuk, 2.31 222 P S 22 41 17.7 -1.4

LWUI Luwuk, 2.31 222 S S 22 41 18.4 -0.8

LWUI Luwuk, 2.31 222 S S 22 41 18.4 -0.8

MRSI Marisa, 2.38 265 P P 22 41 42.9 -1.0

TNTI Ternate, 3.06 89 P S 22 41 31.8 -1.5

APSI Ampaña, 3.10 239 P S 22 41 35.6 -1.1

SANI Sanana, 3.20 248 P S 22 41 32.5 -1.4

LBMI Labuha, 3.46 211 P Pn 22 41 54.5 -1.0

LBMI Labuha, 3.46 211 S S 22 41 38.5 -2.6

KAPPANG Kappang, 7.27 219 Pn 22 41 35.6 -0.5

BKB Balikpapan, 9.66 205 Pn 22 41 35.6 -0.5

KKM Kota Kinabalu, 9.67 304 Pn 22 42 03.1 -9.3

SOEI Soe, 10.38 180 Pn 22 42 20.7 -0.8

KNRA Kununurra, 16.85 165 P P 22 43 39.2 +1.1

KNRA Kununurra, 16.85 165 I Amb I Amb 22 43 42.9

LEM Lembang, 18.25 246 LR LR 22 52 03.8

FITZ Fitzroy Crossi, 18.72 376 P P 22 44 00.7 +2.3

FITZ Fitzroy Crossi, 18.72 376 P P 22 43 59.6 +1.3

MDSI Maura Dua, 20.76 255 P P 22 44 18.8 -1.6

WBO Warramunga Arr, 22.61 155 P P 22 44 39.2 +1.6

WBO Warramunga Arr, 22.61 155 I Amb I Amb 22 44 39.8

WRA Warramunga Arr, 22.74 155 P P 22 44 40.7 +1.8

WRA Warramunga Arr, 22.74 155 P P 22 44 39.7 +0.9

WBR2 Warramunga Arr, 22.75 155 P P 22 44 40.6 +1.7

WB2 Warramunga Arr, 22.75 155 I Amb I Amb 22 44 41.2

WRO Warramunga Arr, 22.84 155 P P 22 44 41.7 +1.9

WRO Warramunga Arr, 22.84 155 I Amb I Amb 22 44 41.9

COEN Coen, 23.69 129 P P 22 44 50.4 +2.9

COEN Coen, 23.69 129 I Amb I Amb 22 45 07.0

ASAR Alice Springs, 25.95 160 P P 22 45 09.8 +2.0

ASAR Alice Springs, 25.95 160 P P 22 45 09.8 +2.0

FORT Forrest, 31.50 174 P P 22 45 53.3 -1.4

FORT Forrest, 31.50 174 I Amb I Amb 22 46 06.2

KAAM Kaadhehduo, 51.31 270 P P 22 48 26.5 -1.1

MKAR Makanchi Array, 58.73 327 P P 22 49 23.9 -5.8

MAKZ Makanchi, 58.90 327 P P 22 49 25.0 -6.0

PEA03 Petropavlovsk, 59.14 23 P P 22 49 32.4 +0.1

PETK Petropavlovsk, 59.14 23 P P 22 49 32.4 +0.2

JMA 27 22:47:36.0, 0.2, 35.64N; 140.07E, h72km, 2km, M3.5, Broadband fault plane solution: P waves. NP1: o155.00000; s20.00000; 1.68.00000. NP2: o358.00000; s71.00000; 1.98.00000. Principal axes: T Plg63.00000; Azm281.00000; N Plg8.00000; Azm176.00000; P Plg26.00000; Azm82.00000;

JMA Felt J1, IDC 27 22:47:38.4, 2.0, 35.45N; 139.76E, h80km, 14km, mb3.3/4, mb1.3/5.5, mb1mx3.1/46, mbtmp3.7/5 Error ellipse: s-maj=36.9km s-min=7.3km az=68.0

ISC 27 22:47:36.7, 0.9, 35.59N; 0.04, 140.05E; 0.04, h74km, 6km, n25, o472/36, mb3.7/4, 3C-8D, Near east coast of eastern Honshu

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCN Nagara, JCN Nagara, etc.

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

JCN Nagara, 0.21 144 Op Pn 22 47 47.8 -0.1

27d 23h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like JSMT, JOD2, BSO3, JAG, JIM2, etc.

KRNET 27.23:18:17.7-0.1, 43.51N:78.70E, h35km, mb2.0
SOME 27.23:18:20.9, 42.80N:79.08E, h10km
NNC 27.23:18:21.2-0.5, 42.83N:79.11E, h0km, mb2.5, mpv2.5,
Error ellipse: s-maj=3.5km s-min=1.2km az=156.0
ISC 27.23:18:20.5-1.4, 42.78N:0.05:79.07E, h0.03, h3km, 1.1km,
n38, r1566/70, 10C-11D, Lake Issyk-Kul region

Main table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like UZB, SHLS, SATY, PRZ, PDGK, etc.

2014 MAR

Table with columns: Station Name, Time, Res, and various codes. Includes stations like IZV, CHKK, KTBS, KUU, BOOM, etc.

LJU 27.23:31:26.4, 45.75N:14.83E, h2km, ML0.1, 1D,
Northwestern Balkan Peninsula

ROM 27.23:31:58.0-0.1, 39.638N:0.007:16.00E:0.02, h100km,
ML3.5/27, Error ellipse: s-maj=1.5km s-min=0.8km
az=256.0
TIR 27.23:31:57.8-1.4, 39.87N:0.04:16.10E:0.04, h103km, 7km,
n115, r1515/106, 12C-14D, Southern Italy
PDG 27.23:31:57.8-0.5, 39.70N:16.14E, h100km, ML3.7/11,
Error ellipse: s-maj=0.6km s-min=1.4km az=0.0,
Southern Italy

Main table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like T0702, CET2, MMN, SALB, CUC, CELI, etc.

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Main table with columns: Station Name, Time, Res, and various codes. Includes stations like MGR, MTSN, BULG, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like U56A King, Z41A Richland Creek, V52A Sevierville, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like Q56A Snyder Ridge, Q56A Snyder Ridge, Q55A Buckhannon, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like N57A Milroy, CCM Cathedral Cave, CCM Cathedral Cave, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like L55A Hinsdale, L53A Girard, K61A Williamstown, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like L42A comp=Z,86nm,1.1s, H58A Gabriels, H61A Lynn Saint, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like E58A La Victoria, H43A Windswept, E57A Chemin Saint, etc.

E44A	comp-Z,115nm,1.0s Grand Marais A baz=165,SNR=6.2	76.98 348	P	P	00 02 44.8 +0.2
PV22	Blue Mesa, Par comp-Z,83nm,1.1s	76.98 329	Iamb	Iamb	00 02 56.3
XPFO	Pion Flat Pinyon Flats O	77.00 321	eP	pmax	00 02 45.7 +1.1 00 02 45.7 +0.4
PFO	comp-Z,18nm,0.9s Pinyon Flats O	77.00 321	P	Iamb	00 02 46.3 +1.0 00 02 52.9
PFO	comp-Z,76nm,1.1s Pinyon Flats O	77.00 321	P	P	00 02 46.6 +1.4
PV23	Red Cedar Carpenter Ridg comp-Z,94nm,1.2s	77.01 329	Iamb	Iamb	00 02 52.7
MAW	Mawson comp-Z,174nm,0.9s,baz=214,slow=6.3,SNR=112	77.03 163	P	LR	00 02 45.0 +0.1
MAW	comp-Z,2um,18.3s,baz=222,slow=38	77.03 163	P	LR	00 39 25.9
MAW	Mawson Belle Mtn, Jos baz=139,SNR=23	77.03 321	P	P	00 02 45.0 +0.1 00 02 46.4 +0.9
BELC	Cone Mtn., Par comp-Z,72nm,1.1s	77.09 329	Iamb	Iamb	00 02 53.1
PV21	Paradox Valley Marine on St. comp-Z,68nm,1.1s	77.11 329	P	Iamb	00 02 46.4 +0.3 00 02 51.8
SPMN	Marine St. baz=159,SNR=26	77.17 343	P	P	00 02 45.2 -0.6
VLDQ	Val d'Or comp-Z,79nm,1.0s	77.19 354	Iamb	Iamb	00 02 53.8
MURC	Murrieta baz=138,SNR=17	77.40 320	P	P	00 02 48.9 +1.4
GMRC	Granite Mounta baz=139,SNR=52	77.44 322	P	P	00 02 49.0 +1.3
N23A	Red Feather La Red Feather La baz=147,SNR=25	77.71 332	P	P	00 02 50.4 +1.1 00 02 50.1 +0.8
HEC	Hector,Ludlow baz=139,SNR=5.2	77.84 322	P	P	00 02 51.8 +1.8
TSUM	Tsumeb comp-Z,2um,22.0s,baz=238,slow=32	77.87 105	LR	LR	00 31 58.0
TSUM	Tsumeb comp-Z,2um,22.0s	77.87 105	P	Iamb	00 02 50.8 +0.2 00 02 52.2
TSUM	comp-Z,90nm,1.1s Tsumeb	77.87 105	IAMS_20	IAMS_20	00 31 13.6
O20A	White River Ci comp-Z,154nm,1.1s	78.05 330	Iamb	Iamb	00 02 58.5
O20A	White River Ci baz=145,SNR=52	78.05 330	P	P	00 02 52.2 +1.1
TUQ	Turquoise Moun baz=139,SNR=27	78.07 322	P	P	00 02 52.6 +1.3
BFSC	Mount Baldy Ra baz=138,SNR=22	78.13 320	P	P	00 02 52.6 +1.0
E38A	The Farm, Brul comp-Z,69nm,0.9s	78.15 344	Iamb	Iamb	00 02 57.5
LSQQ	Lebel-sur-Quev baz=173	78.19 355	P	P	00 02 51.3 -0.1
SUSD	Miller comp-Z,94nm,0.9s	78.23 338	Iamb	Iamb	00 02 57.7
SUSD	Miller baz=153,SNR=5.6	78.23 338	P	P	00 02 51.7 -0.1
MWC	Mount Wilson comp-Z,59nm,1.0s	78.34 320	P	pmax	00 02 54.1 +1.2
MWC	Mount Wilson comp-Z,59nm,1.0s	78.34 320	P	Iamb	00 02 54.1 +1.2
PASC	Pasadena Art C comp-Z,77nm,1.0s	78.37 320	Iamb	Iamb	00 03 00.2
GSC	Goldstone, Bar baz=138,SNR=23	78.45 322	P	P	00 02 54.6 +1.3
SHPR	Sheep Range comp-Z,77nm,1.0s	78.48 324	Iamb	Iamb	00 03 01.1
PMOZ	Porto Moniz, M comp-Z,1um,18.0s	78.71 42	eLR	LR	00 32 43.9
TMUT	Trail Mountain comp-Z,1um,18.0s	78.71 328	P	P	00 02 55.8 +0.9
TCRU	Three Creeks R Edwards Air Fo baz=138,SNR=18	78.75 327	P	P	00 02 56.0 +0.9 00 02 55.2 +0.8
EDWZ	Edwards Air Fo baz=138,SNR=18	78.75 327	P	P	00 02 56.0 +0.9 00 02 55.2 +0.8
BLG	Laguna Peak, P baz=137	78.82 319	P	P	00 02 55.8 +0.5
RWWY	Rawlins comp-Z,26nm,0.9s	78.90 332	Iamb	Iamb	00 03 02.0
MATQ	Matagani baz=172,SNR=12	78.94 354	P	P	00 02 55.1 -0.5
RDMU	Red Mountain Laurel Mt Red baz=138,SNR=6.3	78.99 330	P	P	00 02 57.2 +0.8 00 02 57.9 +1.2
LRMC	Laurel Mt Red baz=138,SNR=6.3	79.06 321	P	P	00 02 57.9 +1.2
FURC	Furnace Creek, baz=139,SNR=23	79.35 322	P	P	00 02 59.4 +1.3
MPMC	Manual Prospec baz=138,SNR=23	79.38 322	P	P	00 02 59.4 +0.8
TPNV	Topopah Spring comp-Z,77nm,0.9s	79.39 323	Iamb	Iamb	00 03 06.1
TPNV	Topopah Spring comp-Z,77nm,0.9s	79.39 323	P	P	00 02 59.9 +1.4
EYMN	Ely comp-Z,88nm,1.1s	79.39 345	Iamb	Iamb	00 03 04.3
EYMN	Ely baz=160,SNR=5.7	79.39 345	P	P	00 02 57.5 -0.5
K22A	Casper comp-Z,126nm,1.1s	79.42 333	Iamb	Iamb	00 03 08.8
K22A	Casper baz=147,SNR=32	79.42 333	P	P	00 02 59.6 +1.1
ISA	Isabella, Lake baz=137,SNR=33	79.63 321	P	P	00 03 01.1 +1.4
RSSD	Black Hills comp-Z,67nm,1.0s	79.71 335	P	pmax	00 03 00.4 +0.2 00 03 00.8 +0.6
RSSD	Black Hills baz=149	79.71 335	P	P	00 03 00.8 +0.6
PKM	Mpchner Peak baz=139,SNR=23	79.81 320	P	P	00 03 02.4 +1.4
BOSA	Boshof comp-Z,44nm,0.7s,baz=260,slow=3.9,SNR=89	79.86 117	P	LR	00 03 01.0 -0.5 00 03 03.0 +1.2
BOSA	comp-Z,2um,18.1s,baz=236,slow=35	79.86 117	P	LR	00 36 47.6
BOSA	Boshof Cottonwood CRC baz=138	80.07 341	P	P	00 03 01.0 -0.5 00 03 03.0 +1.2
D32A	Dogwood Acres, comp-Z,125nm,0.9s	80.10 321	P	P	00 03 03.6 +1.5
VES	Vestal, Richgr baz=137,SNR=22	80.10 321	P	P	00 03 03.6 +1.5
R11A	Troy Canyon, C baz=140,SNR=95	80.10 324	P	P	00 03 03.4 +1.0
DUG	Dugway, Toole baz=142,SNR=16	80.17 327	P	P	00 03 03.6 +0.9
SMG	Simmler baz=136	80.22 320	P	P	00 03 05.0 +2.1
TIN	Tinemaha, Big baz=138,SNR=21	80.52 322	P	P	00 03 05.9 +1.3
PAGB	Antelope Grade comp-Z,90nm,1.0s	80.67 320	Iamb	Iamb	00 03 12.8
E28A	Huff comp-Z,216nm,1.1s	80.69 338	Iamb	Iamb	00 03 11.7
HWUT	Hardware Ranch comp-Z,76nm,0.9s	80.72 329	Iamb	Iamb	00 03 12.2
HWUT	comp-Z,76nm,0.9s	80.72 329	IAMS_20	IAMS_20	00 36 32.8
BW06	comp-Z,1um,20.0s Boulder Array baz=145,SNR=27	80.77 331	P	P	00 03 06.1 +0.2
PDAR	Pinedale Array comp-Z,14nm,0.8s,baz=128,slow=7.2,SNR=59	80.77 331	P	P	00 03 05.8 -0.2
PDAR	comp-Z,1.0nm,0.8s,baz=216,slow=0.7,SNR=7.0	80.77 331	P	P	00 21 43.6 -3.2
PDAR	comp-Z,0.8nm,1.0s,baz=333,slow=1.7,SNR=4.8	80.77 331	P	LR	00 29 50.6 +6.8 00 37 21.1
PDAR	comp-Z,353nm,20.4s,baz=132,slow=34	80.77 331	P	LR	00 37 21.1
PDAR	Pinedale Array AGMSZ Agassiz Nation	80.77 331	P	P	00 03 03.8 -2.2 00 03 05.6 -0.1
SPUT	South Promonto MLAC Mammoth, Mammoth baz=137	80.88 328	P	P	00 03 07.6 +1.1 00 03 10.1 +1.3
PMPB	Monarch Peak comp-Z,85nm,1.2s	81.33 320	P	Iamb	00 03 09.9 +1.1
PMPB	Monarch Peak comp-Z,85nm,1.2s	81.33 320	P	Iamb	00 03 09.9 +1.1
OHMD	Old Mammoth Mi comp-Z,75nm,0.9s	81.34 322	Iamb	Iamb	00 03 16.2
AMH	Auburn Hatcher comp-Z,59nm,1.1s	81.44 330	Iamb	Iamb	00 03 16.1
MDND	Madocci baz=153,SNR=20	81.48 340	P	P	00 03 09.8 +0.5

NV11	Mina Array Sit Mina Array Bay	81.50 323	P	P	00 03 10.0 +0.2 00 03 10.8 +0.5
NVAR	comp-Z,1.1nm,0.9s,baz=167,slow=6.1,SNR=45	81.57 323	P	P	00 03 10.8 +0.5
NVAR	comp-Z,1.6nm,0.8s,baz=293,slow=1.6,SNR=6.3	81.57 323	P	P	00 21 42.7 -2.0
NVAR	comp-Z,0.4nm,0.4s,baz=253,slow=1.5,SNR=4.3	81.57 323	P	P	00 29 53.0 +1.0
NVAR	comp-Z,379nm,20.1s,baz=142,slow=32	81.57 323	P	P	00 34 55.5
NVAR	Mina Array Bay Elko	81.76 326	P	P	00 03 10.6 +0.2 00 03 11.5 +0.2
ELK	comp-Z,1.2nm,1.0s,baz=138,slow=3.6,SNR=38	81.76 326	P	P	00 03 10.6 +0.2 00 03 11.5 +0.2
LBTB	Labatse comp-Z,1.1nm,0.8s,baz=31,slow=2.1,SNR=4.5	81.81 114	LR	LR	00 34 24.0
LBTB	Labatse comp-Z,618nm,19.0s,baz=240,slow=32	81.81 114	Iamb	Iamb	00 03 12.0
LBTB	Labatse comp-Z,67nm,0.8s	81.81 114	Iamb	Iamb	00 03 12.0
SAO	San Andreas Ge SAO	82.08 320	P	pmax	00 03 13.4 +0.6
SAO	comp-Z,25nm,1.0s	82.08 320	P	P	00 03 13.4 +0.6
SAO	San Andreas Ge WAKR Walker	82.08 320	P	Iamb	00 03 13.4 +0.6 00 03 21.3
FLWY	Flagg Ranch comp-Z,92nm,1.0s	82.32 331	Iamb	Iamb	00 03 25.2
YERR	Yerrington comp-Z,156nm,0.9s	82.48 323	Iamb	Iamb	00 03 22.2
H17A	Grant Village baz=144,SNR=15	82.53 331	P	P	00 03 16.4 +1.2
RLMT	Red Lodge comp-Z,65nm,0.8s	82.58 332	P	P	00 03 22.2
RLMT	Red Lodge baz=145,SNR=62	82.58 332	P	P	00 03 15.9 +0.4
LKWW	Lake comp-Z,31nm,0.9s	82.59 331	P	pmax	00 03 16.3 +0.7
LKWW	comp-Z,2um,21.0s	82.59 331	MLR	MLR	00 03 16.3 +0.7
LKWW	Lake comp-Z,2um,21.0s	82.59 331	IAMS_20	IAMS_20	00 03 16.3 +0.7 00 44 16.2
ULM	Lac du Bonnet comp-Z,2.1nm,0.9s,baz=126,slow=3.7,SNR=38	82.60 343	P	P	00 03 14.4 -0.8
ULM	comp-Z,3.6nm,0.9s,baz=334,slow=3.6,SNR=6.8	82.60 343	P	P	00 03 14.4 -0.8
ULM	comp-Z,428nm,21.5s,baz=146,slow=36	82.60 343	LR	LR	00 40 51.6
ULM	Lac du Bonnet comp-Z,124nm,1.0s	82.60 343	Iamb	Iamb	00 03 14.2 -0.9 00 03 21.4
YMP	Ymir Lake P I LAZA Array	82.60 332	P	P	00 03 15.7 -0.2
LAO	LAZA Array comp-Z,992nm,19.0s	82.70 335	IAMS_20	IAMS_20	00 44 01.0
LAO	LAZA Array baz=148,SNR=22	82.70 335	P	P	00 03 16.1 +0.2
PNTR	Pine Nut comp-Z,102nm,0.8s	82.74 323	Iamb	Iamb	00 03 24.3
YUF	Upper Falls Rubicon Trail	82.75 331	P	P	00 03 17.2 +0.8 00 03 19.0 +1.1
RUBR	Rubicon Trail comp-Z,108nm,1.0s	83.01 322	Iamb	Iamb	00 03 28.0
PAHR	Pah Rah Range comp-Z,98nm,1.0s	83.08 323	Iamb	Iamb	00 03 25.3
DGMT	Dagmar baz=143,SNR=62	83.50 337	P	P	00 03 20.4 +0.5
SCHO	Schefferville comp-Z,13nm,1.1s,baz=196,slow=3.5,SNR=11	83.65 1	P	P	00 03 19.8 -0.7
BEKR	Beckworth comp-Z,90nm,1.0s	83.71 323	Iamb	Iamb	00 03 28.3
ORV	Oroville comp-Z,86nm,1.1s	84.10 322	Iamb	Iamb	00 03 30.2
GDMX	Geyzers WVOR Wild Horse Val WVOR	84.28 321	P	P	00 03 25.2 +1.0 00 03 26.7 +0.4
WVOR	Wild Horse Val comp-Z,46nm,1.5s	84.71 325	P	P	00 03 26.7 +0.4 00 03 26.7 0.0
O03E	Paynes Creek baz=136,SNR=8.8	84.79 322	P	P	00 03 26.7 0.0
CASY	Caswell Holter Researc Eagleton	84.88 180	P	P	00 03 26.9 +0.1 00 03 25.2 -2.0
HRH	Holter Researc Eagleton	84.91 332	Iamb	Iamb	00 03 34.3
EGMT	Eagleton baz=145,SNR=29	85.15 334	P	P	00 03 28.1 -0.2
O02D	Mt. Diablo Mer baz=135	85.24 322	P	P	00 03 29.1 +0.1
J08A	Circle Bar Ran comp-Z,75nm,1.0s	85.31 326	Iamb	Iamb	00 03 36.2
KCPM	Chato Peak comp-Z,69nm,1.0s	85.33 321	Iamb	Iamb	00 03 30.4 +0.9 00 03 37.0
N02D	Trinity Center baz=135,SNR=27	85.75 322	P	P	00 03 31.1 -0.4
KMRM	Mail Ridge comp-Z,68nm,1.0s	85.77 321	P	P	00 03 32.5 +0.9 00 03 39.1
MSO	Missoula comp-Z,112nm,1.6s	85.89 331	Iamb	Iamb	00 03 41.2
MSO	Missoula baz=142,SNR=20	85.89 331	P	P	00 03 32.6 +0.5
M02C	Callahan baz=138,SNR=5.7	86.13 322	P	P	00 03 33.4 +0.1
KHMM	Horse Mountain Yreka Blue Hor comp-Z,4.1nm,0.7s,baz=152,slow=3.8,SNR=9.8	86.24 322	P	P	00 03 34.4 +0.4 00 03 33.3 -0.9
YBH	Yreka Blue Hor comp-Z,1um,22.0s	86.29 323	P	P	00 03 34.3 +0.1
YBH	Yreka Blue Hor comp-Z,38nm,1.4s	86.29 323	P	pmax	00 03 34.3 +0.1 00 03 41.3
YBH	Yreka Blue Hor I07A	86.35 326	Iamb	Iamb	00 03 34.3 +0.1 00 03 41.3
L04D	Klamath Falls baz=135	86.42 323	P	P	00 03 34.7 -0.1
J05D	Fort Rock, OR baz=136,SNR=17	86.46 325	P	P	00 03 36.6 +0.7
PFVI	Vila Bisbo comp-Z,2um,20.0s	86.66 44	IAMS_20	IAMS_20	00 41 55.4
PFVI	Vila Bisbo Jette	86.66 44	eS	S	00 14 21.5 +7.7 00 03 42.9
PTEO	comp-Z,66nm,0.9s	86.69 44	eP	P	00 03 38.6 +1.1
J04D	Umpqua Nationa baz=135	87.05 324	P	P	00 03 38.5 +0.5
L02E	Cave Junction baz=133,SNR=5.3	87.06 323	P	P	00 03 38.6 +0.7
PBDV	Barranco-do-Ve PBDV	87.27 44	eLQ	LQ	00 03 43.4 00 14 23.1 +3.3
PBDV	Barranco-do-Ve Castro Verde	87.46 44	eP	P	00 03 41.6 +1.8 00 03 51.0
PNCL	Nicolau / Gran K02D	87.47 43	P	P	00 03 40.8 +0.9
MESJ	Messejana comp-Z,2um,21.0s	87.48 44	eP	P	00 03 42.5 +2.6 00 38 58.9
PVAQ	Vaqueiros comp-Z,2um,21.0s	87.51 44	eS	S	00 14 23.3 +1.3 00 31 22.1
PVAQ	Vaqueiros comp-Z,2um,21.0s	87.51 44	eLR	LR	00 36 31.8
PMAFR	Matra Tendick Farm	87.57 42	eS	S	00 14 25.4 +2.8 00 03 40.4 -0.1
I04A	Tendick Farm WALA Waterlon Lakes Carlson Farm	87.60 324	P	P	00 03 39.9 -0.7 00 03 41.2 +0.1
G06A	comp-Z,61nm,1.1s	87.75 326	P	Iamb	00 03 48.2
PBEJ	Beja E08A Dider Farm, EI I03D Drain, OR	87.81 44	eP	P	00 03 44.3 +2.7 00 03 42.0 +0.2 00 03 42.9 +0.6
BFZ	Birch Farm comp-Z,61nm,1.1s	88			

28d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINES, BOROVY, KURBK, etc.

VAO 28 00:10:35.70.0.4, 29:31S:68:75W, h10km, mb4.8
IDC 28 00:10:35.50.0.4, 29:31S:68:61W, h0km, mb4.72,
mb1 4.8/30, mb1mx4.7/37, mbmp4.7/30, ML4.4/6, M24.4/7,
Ms1 4.4/7, ms1mx4.1/22, Error ellipse: s-maj=17.4km
s-min=11.0km az=70.0

MOS 28 00:10:36.0.1.4, 29:15S:68:77W, h10km, mb5.2/39, Error
ellipse: s-maj=11.7km s-min=6.4km az=102.2
SJA 28 00:10:37.20.7, 29:35S:68:87W, h25km, 7km, ML4.8,
MW4.9

GUC 28 00:10:38.20.0.5, 29:07S:68:86W, h11km, 5km, ML4.8,
MW4.7
NEIC 28 00:10:40.42.0.0, 29:19S:0:05:68:80W, 0.05, h28km, 3km,
mb5.2/375, Md4.9(SJA), Error ellipse: s-maj=7.8km
s-min=4.7km az=218.0

ISC 28 00:10:35.4.1.3, 29:23S:0:03:68:76W, 0.04, h1km, 8km,
h892, e2s30/866, mb5.2/211, 15C-6D, San Juan Province

Main table for 28d Oh observations, listing station codes (e.g., GUANDACOL, ACVD, AROD), station names, azimuths, phase IDs, times, and residuals.

2014 MAR

Main table for 2014 MAR observations, listing station codes (e.g., NNA, ITRB, SPB), station names, azimuths, phase IDs, times, and residuals.

1556

Main table for 1556 observations, listing station codes (e.g., GOGA, Godfrey, Y57A), station names, azimuths, phase IDs, times, and residuals.

T57A	Hurt	66.61	351	P	P	00 21 27.4	+0.1
T57A	Hurt	66.61	351	P	P	00 21 31.0	+3.6
WLAR	White Oak Lake	66.69	338	P	P	00 21 27.9	0.0
WHXT	Lake Whitney	66.71	334	P	P	00 21 28.5	+0.4
WHXT	Lake Whitney	66.71	334	P	P	00 21 31.6	+3.5
T56A	Rocky Mt	66.76	350	P	P	00 21 32.2	+3.9
X43A	Marvell	66.76	340	P	P	00 21 28.7	+0.4
X43A	Marvell	66.76	340	P	P	00 21 32.4	+4.1
V48A	Smith Brothers	66.83	344	P	P	00 21 28.7	0.0
Z38A	Mt. Pleasant	66.94	336	P	P	00 21 30.1	+0.6
T55A	Pulaski	66.96	350	P	P	00 21 33.3	+3.7
T54A	Tazewell	67.03	349	P	P	00 21 33.3	+3.1
CLTN	Cedars of Leba	67.05	345	P	P	00 21 31.4	+1.2
CLTN	Cedars of Leba	67.05	345	P	P	00 21 33.9	
S58A	Poland Farm, P	67.06	352	P	P	00 21 31.0	+0.8
S58A	Poland Farm, P	67.06	352	P	P	00 21 34.0	+3.8
S58A	Poland Farm, P	67.06	352	P	P	00 21 30.3	-0.5
TXAR	Lajitas Array	67.10	327	P	P	00 21 29.9	-0.9
TXAR	Lajitas Array	67.10	327	P	P	00 21 29.9	-0.9
TX31	Lajitas Ar. Si	67.10	327	Iamb	Iamb	00 21 35.5	
TX32	Lajitas Array	67.10	327	Iamb	Iamb	00 21 35.4	
T53A	Wise	67.12	348	P	P	00 21 33.6	+2.9
S57A	Dark Hollow, R	67.32	351	P	P	00 21 35.8	+3.9
S56A	Natural Bridge	67.33	351	P	P	00 21 35.7	+3.8
U49A	Red Boiling Sp	67.33	345	P	P	00 21 31.6	-0.3
U49A	Red Boiling Sp	67.33	345	P	P	00 21 35.0	
T51A	Gray	67.38	347	P	P	00 21 35.0	+2.7
R58B	Mineral	67.39	352	P	P	00 21 32.7	+0.4
R58B	Mineral	67.39	352	P	P	00 21 36.8	
R58B	Mineral	67.39	352	P	P	00 21 35.9	+3.7
UALR	University of	67.45	339	P	P	00 21 32.2	-0.5
UALR	University of	67.45	339	P	P	00 21 36.9	
WVT	Waverly	67.45	343	P	P	00 21 30.7	-2.0
WVT	Waverly	67.45	343	P	P	00 21 35.1	+2.5
S55A	Lewisburg	67.56	350	P	P	00 21 36.5	+3.1
T50A	Nancy	67.61	346	P	P	00 21 36.0	+2.4
MIAR	Mout Ida	67.63	338	P	P	00 21 34.2	+0.3
MIAR	Mout Ida	67.63	338	P	P	00 21 37.1	+3.2
MIAR	Mout Ida	67.63	338	P	P	00 21 37.1	+3.2
SS4A	Dingess, Beckl	67.71	349	P	P	00 21 33.6	-0.7
SS4A	Dingess, Beckl	67.71	349	P	P	00 21 38.3	
SS4A	Dingess, Beckl	67.71	349	P	P	00 21 37.3	+3.0
R58A	Rapidan	67.73	352	P	P	00 21 37.9	+3.5
W41B	Gary Mavity, V	67.78	339	P	P	00 21 35.0	+0.2
W41B	Gary Mavity, V	67.78	339	P	P	00 21 38.1	+3.3
R57A	Stardsville	67.80	352	P	P	00 21 39.0	+4.2
Z35A	Percharven, San	67.83	334	P	P	00 21 36.5	+1.4
T49A	Edmonton	67.84	346	P	P	00 21 35.5	+0.4
T49A	Edmonton	67.84	346	P	P	00 21 39.2	
T49A	Edmonton	67.84	346	P	P	00 21 37.8	+2.7
GNAR	Gosnell	67.87	341	P	P	00 21 35.9	+0.5
WHAR	Woolly Hollow	67.91	339	P	P	00 21 35.8	+0.2
UTMT	University of	67.91	343	P	P	00 21 35.9	+0.3
SS1A	Beattyville	67.96	347	Iamb	Iamb	00 21 39.7	+4.0
SS1A	Beattyville	67.96	347	P	P	00 21 38.7	+2.8
R55A	Marlinton	68.00	350	P	P	00 21 36.7	+0.5
R55A	Marlinton	68.00	350	P	P	00 21 40.6	
R55A	Marlinton	68.00	350	P	P	00 21 40.3	+4.1
R54A	Victor	68.03	350	P	P	00 21 39.2	+2.8
T47A	Sharon Grove	68.09	344	P	P	00 21 37.8	+1.1
ABTX	Abilene, Hawle	68.14	332	P	P	00 21 40.7	+3.5
S50A	Richmond	68.16	347	P	P	00 21 39.6	+2.4
HICK	Hickman	68.19	342	P	P	00 21 38.2	+0.8
W39A	Magazine	68.29	338	P	P	00 21 41.8	+3.8
FCAR	Ozark Folk Cen	68.41	340	P	P	00 21 39.1	+0.4
HENM	Henderson Moun	68.42	342	P	P	00 21 39.9	+1.1
S49A	Springfield	68.44	346	P	P	00 21 41.3	+2.4
T45A	Paducah	68.50	343	P	P	00 21 40.2	+1.0
Q57A	Strasburg	68.51	352	P	P	00 21 43.8	+4.5
R51A	Hillsboro	68.60	348	P	P	00 21 42.9	+3.1
Q56A	Snyder Ridge,	68.61	351	P	P	00 21 44.0	+4.0
Q56A	Snyder Ridge,	68.61	351	P	P	00 21 44.5	+4.0
R50A	Paris	68.72	347	P	P	00 21 43.4	+2.7
PBMO	Poplar Bluff	68.75	341	P	P	00 21 40.8	0.0
Q53A	Leroy	68.78	349	P	P	00 21 44.2	+3.2
Q54A	Coxs Mills	68.79	350	Iamb	Iamb	00 21 44.8	
Q54A	Coxs Mills	68.79	350	P	P	00 21 44.1	+3.0
P58A	Pank, Wackersv	68.83	353	P	P	00 21 45.8	+4.6
P59A	Jarrettsville	68.86	354	P	P	00 21 46.0	+4.6
P57A	Homestead Farm	68.90	352	P	P	00 21 46.2	+4.4
R49A	Shelbyville	68.90	346	Iamb	Iamb	00 21 45.2	
R49A	Shelbyville	68.90	346	P	P	00 21 44.3	+2.5
Q52A	Bidwell	69.00	349	P	P	00 21 45.3	+2.9
P56A	Dayton Farm, R	69.03	352	P	P	00 21 46.9	+4.4
U40A	Yellville	69.06	339	P	P	00 21 46.0	+3.1
WCI	Wyandotte Cave	69.08	345	P	P	00 21 44.0	+1.1
WCI	Wyandotte Cave	69.08	345	P	P	00 21 45.7	
WCI	Wyandotte Cave	69.08	345	P	P	00 21 45.2	+2.3
P55A	Reedsville	69.16	351	P	P	00 21 47.2	+3.8
T42A	Van Buren	69.17	341	P	P	00 21 44.9	+1.5
Q50A	Georgetown	69.20	347	P	P	00 21 46.5	+2.9
MVL	Millersville	69.24	354	P	P	00 21 45.3	+1.5
MVL	Millersville	69.24	354	P	P	00 21 49.5	
Q51A	Peebles	69.26	348	P	P	00 21 43.7	-0.2

Q51A	comp=Z,22nm,0.9s	69.26	348	P	P	00 21 47.8	
Q51A	Peebles	69.26	348	P	P	00 21 46.9	+2.9
SYO	comp=Z,166,SNR=6.1	69.27	159i	eP	P	00 21 41.6	-2.1
SYO	Syowa Base	69.27	159j	ipP	P	00 21 50.2	
SYO	Syowa Base	69.27	159j	ipP	P	00 21 54.2	
S44A	Carbondale	69.29	343	P	P	00 21 44.9	+0.7
VNDA	Vanda	69.30	190	P	P	00 21 43.6	-0.2
SIUC	comp=Z,3.3nm,1.1s,baz=154,slow=4.0,SNR=13	69.30	343	P	P	00 21 44.9	+0.7
MCWV	Mont Chateau	69.31	351	P	P	00 21 45.2	+0.9
W35A	Tecumseh	69.31	351	P	P	00 21 45.0	+0.6
P54A	Burton	69.34	350	P	P	00 21 47.6	+3.1
P53A	Whipple	69.37	350	P	P	00 21 45.4	+0.8
P53A	Whipple	69.37	350	Iamb	Iamb	00 21 48.9	
P53A	Whipple	69.37	350	P	P	00 21 48.0	+3.3
O58A	Lewisberry	69.42	353	P	P	00 21 49.0	+4.0
O59A	Robesonia	69.53	354	P	P	00 21 50.1	+4.4
Q49A	Aurora	69.53	347	P	P	00 21 48.3	+2.6
O57A	Amberson	69.58	353	P	P	00 21 50.0	+4.1
FNO	baz=172	69.60	335	P	P	00 21 47.9	+1.7
TUL1	Leonard	69.61	337	P	P	00 21 47.4	+1.2
TUL1	Leonard	69.61	337	P	P	00 21 49.5	+3.3
MGMO	Mountain Grove	69.62	340	P	P	00 21 46.1	-0.2
U38A	Gravelly	69.62	338	Iamb	Iamb	00 21 50.1	
P52A	Corning	69.64	349	P	P	00 21 49.3	+3.0
Q48A	North Vernon	69.64	346	P	P	00 21 49.0	+2.7
WMOK	Wichita Mounta	69.66	334	P	P	00 21 47.2	+0.7
WMOK	Wichita Mounta	69.66	334	P	P	00 21 47.2	+0.7
WMOK	Wichita Mounta	69.66	334	P	P	00 21 49.3	+2.8
O56A	Blue Knob Stat	69.74	352	P	P	00 21 48.1	+1.1
O56A	Blue Knob Stat	69.74	352	Iamb	Iamb	00 21 52.7	
O56A	Blue Knob Stat	69.74	352	P	P	00 21 51.3	+4.3
LUPA	Lehigh Unvers	69.75	355	P	P	00 21 48.2	+1.2
OKCFA	Oklahoma City	69.76	335	P	P	00 21 48.4	+1.3
O55A	Ligon	69.78	351	P	P	00 21 51.1	+3.9
MNTX	Corundas Moun	69.89	327	Iamb	Iamb	00 21 52.0	
MNTX	Corundas Moun	69.89	327	P	P	00 21 51.0	+3.0
P50A	Jamestown	69.91	348	P	P	00 21 50.8	+2.9
OLIL	Olney	69.98	344	P	P	00 21 48.3	-0.1
OLIL	Olney	69.98	344	Iamb	Iamb	00 21 51.2	
N60A	Cedar Hill Far	70.00	355	P	P	00 21 52.7	+4.2
P49A	Miami Univ. Ec	70.01	347	P	P	00 21 50.9	+2.3
SSPA	Standing Stone	70.03	353	P	P	00 21 52.8	+4.1
O52A	Adamsville	70.06	349	Iamb	Iamb	00 21 52.2	
O52A	Adamsville	70.06	349	P	P	00 21 51.9	+3.0
P48A	Milroy	70.08	346	Iamb	Iamb	00 21 52.2	
P48A	Milroy	70.08	346	P	P	00 21 51.0	+1.9
O53A	New Philadelph	70.09	350	P	P	00 21 52.0	+2.9
N58A	State Game Lan	70.10	354	P	P	00 21 49.7	+0.6
N58A	State Game Lan	70.10	354	Iamb	Iamb	00 21 54.0	
N59A	Sunbury	70.10	354	P	P	00 21 53.7	+4.5
N58A	Sunbury	70.11	354	Iamb	Iamb	00 21 58.1	
N58A	Sunbury	70.11	354	P	P	00 21 53.4	+4.2
N57A	Milroy	70.11	353	P	P	00 21 53.2	+4.0
CCM	Cathedral Cave	70.17	341	P	P	00 21 48.3	-1.3
CCM	Cathedral Cave	70.17	341	P	P	00 21 48.3	-1.3
CCM	Cathedral Cave	70.17					

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2014 MAR

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Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TUC TUCSON, K48A PERRY, ANMO ALBUQUERQUE, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like G45A SUTTONS BAY, S22A 4UR RANCH, F42A SANDFIELD, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SPMN WHITE RIVER ON ST, VLDO VAL D'OR, MURC MURRIETA, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ELK, REDW, RYN, SNOW, KVN, KWK, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BILL, GYLL, TIXI, ABKAR, SEY, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, DANN, KURBB, GKN, AB31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, Limon Verde, LVC, LPAZ, etc.

IDC 28 03:04:31.1±6.6, 11°13'S; 165°97'E, h41km, 58km, mb3.9/6, mb1 4.0/7, mb1mx3.6/45, mbtmp4.1/7, ML3.9/1, MS3.1/7, Ms1 3.1/7, ms1mx2.9/26, Error ellipse: s-maj=37.7km s-min=31.3km az=148.0

ISC 28 03:04:33.1±0.9, 11.24S±0.09; 166.0E±0.2, h61km, n13, e148/11, mb3.8/5, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR, DZM, DZM, WRA, etc.

BUI 28 03:09:50.9±0.0, 26°80'N; 96°01'E, h60km, mb4.5/20, mb4.4/29, ML4.5/3, MS3.7/7, Ms7 3.6/1

IDC 28 03:09:51.0±0.7, 26°61'N; 96°15'E, h76km, 5km, mb3.6/18, mb1 3.8/19, mb1mx3.6/48, mbtmp3.9/19, MS3.3/7, Ms1 3.3/7, ms1mx3.0/20, Error ellipse: s-maj=22.5km s-min=10.7km az=50.0

NEIC 28 03:09:53.7±1.7, 26°41'N; 09°95'E; 0.1, h97km, 7km, mb4.1/20, Error ellipse: s-maj=15.5km s-min=11.2km az=45.0

ISC 28 03:09:51.8±0.4, 26°51'N; 05°95'E; 0.04, h83km, n80, e219/95, mb4.0/26, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SHL, LSA, LSA, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TAPN, ODAN, CMAR, etc.

NEIC 28 03:11:50.0±0.1, 62°06'N; 0°03:140°93'W; 0.08, h11km, 5km, Error ellipse: s-maj=6.0km s-min=3.6km az=106.0

PGC 28 03:11:50.6±0.0, 62°07'N; 140°93'W; h10km, ML2.8/11, 233km Wmw of Haines Jct., Yt. Southern Yukon Territory, Canada

ISC 28 03:11:49.5±0.9, 62°06'N; 0°02:140°87'W; 0.02, h15km, 7km, n74, e143/105, Southern Yukon Territory

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YUK1, YUK2, YUK3, etc.

NIC 28 03:31:08.0±0.0, 36°81'N; 31°57'E, h24km, 3km, ML2.7/2

DDA 28 03:31:09.7±36.16N; 31°09'E, h36km, 2km, ML2.0

ISC 28 03:31:12.3±1.3, 36°20'N; 0°04:31°07'E; 0.03, h35km, 6km

n17, e240/41, Turkey

Code Station Name Az Phase ID Op ISC Time Res h m s ISC

AKUM Antalya-Kumluca 0.60 282 P Pn 03 31 23.2 -1.4

AKUM Antalya-Kumluca 0.60 282 P S 03 31 32.8 -0.2

AKUM Antalya-Kumluca 0.60 282 P S 03 31 37.0

AKUM Antalya-Kumluca 0.60 282 P S 03 31 38.0

KEPZ Antalya-Kepez 0.82 32 P Pn 03 31 26.7 -0.8

KEPZ Antalya-Kepez 0.82 32 P S 03 31 34.9 -3.5

KORT Korkuteli 0.98 324 P Pn 03 31 31.8 +2.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karatay Array, Borolday, Arkit, Merke, etc.

JMA 28 05:07:14.0±0.1, 42.78N±142.68E, h26km±2km, M3.6
Broadband fault plane solution: P waves. NP1:
e=345.00000°, s=18.00000°, 1.85, 0.00000°. NP2:
e=170.00000°, s=72.00000°, 1.92, 0.00000°. Principal axes: T
Plg63.00000°, Azm83.00000°, N Plg2.00000°, Azm350.00000°;
P Plg27.00000°, Azm259.00000°;
JMA Fell J1.

ISC 28 05:07:16.3±2.2, 42.78N±142.66E, h56km±18km, mb3.3/1.0,
mb1.3/6.1/1.1, mb1mx3.4/3.3, mbtmp3.6/1.1, ML2.5/1
Error ellipse: s-maj=27.1km s-min=16.6km az=112.0

ISC 28 05:07:13.2±0.9, 42.82N±142.70E±0.04, h29km±7km,
n33.0±88/33, mb3.5/9, 4C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Biratori 2, Furan, Hidakashinhide, etc.

ML3.9/11, MLv3.6/11, Error ellipse: s-maj=0.0km
s-min=0.0km az=117.1, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Porf Road, Tintock, Mangatainoka R, etc.

NEIC 28 05:28:36.5±1.1, 15.92S±10.72W±0.1, h93km±17km,
mb4.1/2, ML4.1 (ARE), Error ellipse: s-maj=18.6km
s-min=12.1km az=61.0

ARE 28 05:28:37.2±0.9, 15.75S±10.72W±0.1, h72km±9km, Error
ellipse: s-maj=0.0km s-min=0.0km az=139.0

ISC 28 05:28:36.3±1.1, 15.91S±10.72W±0.1, h100km±18,
e±1508/18, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, LPaz, Pisagua, etc.

IDC 28 06:20:33.9±1.5, 19.10S±169.17E, h155km±10km, mb3.9/9,
mb1.4/0.10, mb1mx3.8/3.3, mbtmp4.4/1.0, Error ellipse:
s-maj=21.7km s-min=19.5km az=39.0

NEIC 28 06:20:36.2±1.6, 19.2S±169.1E±0.1, h172km±6km,
mb4.6/35, Error ellipse: s-maj=18.2km s-min=12.1km

ISC 28 06:20:33.5±0.5, 19.16S±169.12E±0.07, h147km±n67,
e±1523/72, mb4.5/20, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mont Dzumac, Jenkinville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mont Dzumac, Nonsavu, Ouhahua, etc.

JMA 28 06:46:44.2, 0.2, 24.75N, 122.43E, h86km
ISC 28 06:46:43.8, 2.5, 24.64N, 0.088, 122.40E, 0.05, h95km, 16km,
n27, c0545/43, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EOS1, TWC, TWB1, etc.

IDC 28 06:59:05.5, 1.1, 30.87N, 103.65E, h0km, mb3.4/5,
mb1 3.7/7, mb1mx3.4/44, mbtmp3.5/7, Error ellipse:
s-maj=37.5km s-min=19.8km az=62.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CD2, XAN, etc.

IDC 28 06:59:06.9, 0.0, 31.40N, 103.84E, h20km, ML3.3/8
ISC 28 06:59:06.5, 0.8, 31.15N, 104.10E, 0.104, 15E, 0.09, h14km, n11,
c25/12, mb3.5/5, C, Sichuan

IDC 28 07:07:44.5, 0.5, 3.69S, 151.29E, h0km, mb4.4/25,
mb1 4.5/27, mb1mx4.5/44, mbtmp4.4/27, ML3.2/2, MS4.0/26,
Ms1 4.0/26, ms1mx4.0/32, Error ellipse: s-maj=15.2km
s-min=10.4km az=74.0

MOS 28 07:07:46.1, 1.1, 3.59S, 151.19E, h25km, mb4.8/26, Error
ellipse: s-maj=12.0km s-min=6.9km az=95.8
NEIC 28 07:07:46.1, 1.7, 3.72S, 0.07x151.21E, 0.06, h10km,
mb4.9/67, Error ellipse: s-maj=13.1km s-min=9.7km
az=212.0

BUI 28 07:07:48.2, 0.0, 3.59S, 151.76E, h51km, mb5.1/35,
mb4.8/45, Ms4.7/22, Ms7 4.4/22
DJA 28 07:07:49.8, 0.9, 4.4S, 152.15E, h34km, mb5.8/M4, 7/29,
mb4.8/29, mb5.3/11, ML4.8/2, Mw(MB)4.7/11
GCMT 28 07:07:50.1, 0.2, 3.54S, 0.01x151.25E, 0.01, h16km, 1km,
MW4.9/110, Moment Tensor Solution: m33, c39;
s110, c150; Duration: 0 Moment tensor: Scale 1016Nm;
Mw=4.0z=09; Ms=1.16z=08; Mw=0.76z=08; Mo=0.22z=24;
Mw=2.91z=07; Mw=0.23z=21; Best double couple:
M33.08500x1016 NP1=189.00000, 684.00000,
lambda=175.00000, NP2=99.00000, 685.00000, lambda=6.00000.
Principal axes: T 3.2630, Plg1.0000, Azm144.0000; N
-0.3590, Plg83.0000, Azm240.0000; P -2.9070,
Plg7.0000, Azm54.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

ISC 28 07:07:49.5, 0.3, 3.70S, 0.05x151.38E, 0.06, h35km, n201,
c1556/191, mb4.8/86, MS4.1/3, 2C, New Ireland region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KRVT, RABL, PMG, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like USRK, USRY, GYA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CPUP Villa Florida, EPI East Falkland, SNAASanae, etc.

SOME 28 07:53:24.4, 42.625N, 75.82E
NMC 28 07:53:25.4, 1.0, 42.68N, 75.84E, h0km, mpv2.7, Error ellipse: s-maj=6.6km s-min=4.5km az=166.0, Suspected Mining explosion.

Main table for 1567 with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TMKM Tokmak 2, BOOM Boomskoye usch, KST Kasteik, etc.

IDC 28 08:05:39.6, 1.6, 13.16S, 166.68E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.6/38, mbtmp3.6/5, ML3.5/1, Error ellipse: s-maj=54.3km s-min=31.1km az=127.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

IDC 28 08:08:54.7, 4.7, 12.47N, 143.39E, h117km, 39km, mb3.4/5, mb1 3.7/5, mb1mx3.2/44, mbtmp3.8/5, MS3.5/1, Ms1 3.5/1, ms1mx2.6/30, Error ellipse: s-maj=105.0km s-min=18.0km az=113.0

NEIC 28 08:05:56.2, 0.0, 12.6N, 0.1, 143.5E, 0.1, h129km, 9km, mb4.2/13, Error ellipse: s-maj=21.2km s-min=13.0km az=128.0

ISC 28 08:08:57.0, 0.8, 12.6N, 0.1, 143.7E, 0.1, h150km, n28, c1558/22, mb4.1/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMU, PATS Pohnpei, etc.

IDC 28 08:09:27.3, 1.3, 3.70S, 151.40E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/35, mbtmp3.5/5, Error ellipse: s-maj=27.3km s-min=18.2km az=33.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, WRA Warramunga Arr, etc.

MIRAS 28 08:14:22.0, 0.0, 55.05N, 57.48E, h0km, ML2.4/8, ISC 28 08:14:18.3, 1.0, 54.95N, 0.03, 57.75E, 0.08, h0km, n16, c2657/30, 12C-4D, Ural Mountains region

Main table for 2014 MAR with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, ARU, SVE Sverdlovsk, etc.

AB31 1.5nm, 0.8s, baz=352, slow=28, SNR=3.7

KRSC 28 08:25:11.6, 1.1, 53.67N, 161.93E, h40km, 23km, ML3.6, IDC 28 08:25:11.9, 1.2, 54.33N, 161.57E, h0km, mb3.3/5, mb1 3.7/6, mb1mx3.4/53, mbtmp3.3/6, ML2.6/1, MS2.8/2, Ms1 2.8/2, ms1mx2.5/39, Error ellipse: s-maj=102.9km s-min=18.5km az=148.0

ISC 28 08:25:13.6, 0.8, 53.68N, 0.04, 161.94E, 0.05, h20km, n41, c1586/60, mb3.2/5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SPN Mys Shpanski, KIL Karymskiy, NLC Nalytcheyo, etc.

NEIC 28 08:32:50.0, 1.9, 39.67N, 0.06, 142.0E, 0.1, h35km, 1km, mb4.4/10, Error ellipse: s-maj=15.3km s-min=6.9km az=301.0

JMA 28 08:32:51.9, 0.1, 39.76N, 142.57E, h50km, 1km, M3.6, JMA Felt I J1, IDC 28 08:32:52.9, 2.3, 39.75N, 142.67E, h61km, 21km, mb3.6/14, mb1 3.7/18, mb1mx3.5/46, mbtmp3.9/18, ML3.4/4, Error ellipse: s-maj=23.7km s-min=12.9km az=99.0

ISC 28 08:32:51.7, 1.3, 39.74N, 0.04, 142.60E, 0.09, h47km, 11km, MB2, c1842/70, mb3.9/17, Near east coast of eastern Honshu

Main table for 28d 8h with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JTH Tanohata, JTH Miyakonagasawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WAKE ISLAND, Zalesovo Beam, Makanchi Array, etc.

GCG 28 08:37:47.9.0.7, 13.33N:90.54W, h50km, 49km, MD3.5
SNET 28 08:37:49.8.0.9, 13.50N:90.46W, h20km, 2km, ML3.2
ISC 28 08:37:48.7.2.0, 13.47N:0.09:90.47W, h10km, 10km, n21, c0574/37, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like XG, CEVE, SBLS, etc.

KRNET 28 09:01:45.0.1, 41.00N:69.94E, h15km, mb2.7
ISC 28 09:01:45.8.1.1, 40.99N:0.06:69.90E, h10km, n12, c1574/23, 14C-BD, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TAS, BTk, ARK, etc.

IDC 28 09:01:50.6.1, 9.467S:144.85E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3/3,37, mmtb3.3/4, MS3.6/2, Ms1 3.6/2, ms1mx2.8/18, Error ellipse: s-maj=81.5km s-min=28.5km az=111.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA, ASAR, RAO, etc.

NERES 28 09:04:16.2.0.0, 65.04N:148.15E, h17km
YARS 28 09:04:18.3.0.0, 65.17N:147.54E, h10km, ML2.5/4
ISC 28 09:04:16.1.0.6, 65.09N:0.003:147.75E, h10km, n12, c2583/36, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ATKR, UNR, SUUS, etc.

ISC 28 09:37:31.9.0.5, 9.99S:109.10497E, h100km, m53, c1920/58, mb3.9/18, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KASI, SBJI, WRA, etc.

ISK 28 09:34:07.5.38, 10N:26.16E, h6km, ML2.8/11
ATH 28 09:34:07.8.38, 09N:26.09E, h20km, 6km, ML2.6/2, Error ellipse: s-maj=6.4km s-min=1.3km az=35.0
DDA 28 09:34:08.2.38, 12N:26.19E, h7km, 1km, ML2.3
THE 28 09:34:08.3.38, 10N:26.11E, h12km, 1km, ML2.4/4, Error ellipse: s-maj=2.5km s-min=1.0km az=85.0
ISC 28 09:34:07.8.0.9, 38.09N:0.02:26.14E, h13km, 8km, n31, c0551/53, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CHOS, WRA, WRO, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SIGR, SIGRI, ZEDA, etc.

DJA 28 09:37:28.7.0.3, 6'S:4'x10'5E, h10km, M4.4/12, mb4.7/2, MLV4.3/12
NEIC 28 09:37:31.2.1.7, 5.92S:0.09:105.01E, h0.08, h92km, 8km, mb4.0/11, Error ellipse: s-maj=14.2km s-min=9.2km az=217.0

IDC 28 09:37:34.0.2.5, 5.79S:105.13E, h11km, 19km, mb3.5/12, mb1 3.6/3, mb1mx3.5/50, mmtb3.9/13, MS2.7/3, Ms1 2.8/3, ms1mx2.6/44, Error ellipse: s-maj=41.2km s-min=11.3km az=51.0

ISC 28 09:37:31.9.0.5, 9.99S:109.10497E, h100km, m53, c1920/58, mb3.9/18, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KASI, SBJI, WRA, etc.

MAN 28 09:46:24.4.9, 73N:123.63E, h3km, mb4.3, ML3.2, MS2.9, 1C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TBP, Tagbilaran.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like POKR, BPAW, PRP, NEA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NWAOW, BESE, WRA, WRR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like E08A, MSO, L55A, LAO, etc.

ISK 28 10:25:22.8, 37:29N:42:65E, h5km, ML2.5/5
DDA 28 10:25:26.6, 37:39N:42:54E, h7km, 6km, ML2.1
ISC 28 10:25:24.8, 1.6, 37:33N:40:62E, h0.7km, 11km, n12, $\phi 04/20$, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SIRT, HAKT, SRM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time Res. Rows include stations like KNK, BESE, SESE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time Res. Rows include stations like H11S3, WAKE ISLAND, SONGINO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time Res. Rows include stations like WHF, Hehuan Shan, ET LH, etc.

28d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SEY, SEY SEY, OMS, YAK, etc.

28d 24h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR, KDKA, MENT, EGAK, etc.

1576

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR, Alice Springs, BOSA, Boshof, etc.

28d 14h

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.

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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.

1578

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. Includes stations like LK02 Lefkada island, TSKL Tsoukalades, L, PVO Paravola, etc.

WEL 28 14:34:06.6-0.3, 32.5x18'0W, 11h132km, 28km, M4.4/12, mB4.6/3, MLV4.5/12, Mw(mB)3.9/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RIZ Raoul Island, WMGZ Waionatani S, etc.

GCG 28 14:36:04.6-3.2, 131.43N-85.31W, h50km, 999km, MD1.1

MOS 28 14:36:08.4-1.3, 11.85N-86.29W, h67km, mb5.3/19, Error ellipse: s-maj=15.2km s-min=6.1km az=116.4

UCR 28 14:36:08.8-1.7, 11.70N-86.60W, h35km, 174km, MD4.1, ML5.4, mb5.6(NEIC)

NEIC 28 14:36:08.1-3.0, 11.65N-86.55W, h46km, 1km, Mb5.2/246, Ms 20.4/8357, Mw5.5/53, Mw5.6/5, Mb5.6(SNET), ML5.2(UCR), Mw5.6(GCMT), Error ellipse: s-maj=9.9km s-min=7.3km az=73.0

IDC 28 14:36:09.1-0.4, 11.27N-86.16W, h60km, 3km, mb4.5/24, mb1.4/229, mb1.1mx4.4/43, mbmtq4.7/29, MS4.9/26, Ms1.4/9/26, ms1mx4.8/30, Error ellipse: s-maj=18.6km s-min=5.4km az=58.0

INET 28 14:36:09.1, 11.61N-86.65W, h44km, ML5.3

SNET 28 14:36:10.3-0.9, 11.86N-86.62W, h20km, 19km, ML5.6

NEIC 28 14:36:10.8, 11.65N-86.58W, h51km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr1: 1.2; Ms0-0.62; Ms0-0.50; Ms1-1.42; Ms0-0.46; Ms1-1.92; Fault plane solution: M2.62000x1017 NP1.303.77000, delta 12.54000, lambda 71.97000. NP2.303.77000, delta 12.54000, lambda 71.97000. NP2.303.77000, delta 12.54000, lambda 71.97000. NP2.303.77000, delta 12.54000, lambda 71.97000.

GCMT 28 14:36:12.1-0.1, 11.54N-86.73W, h0.01, h54km, 1km, Mw5.6/142, Moment Tensor Solution. s123.c198; s142.c272; Duration: 1s5 Moment tensor: Scale 1017 Nm; Mr1: 1.46; Ms0-1.28; Ms0-1.08; Ms0-1.08; Ms1-1.39; Ms0-1.14; Ms0-1.03; Ms1-1.70; Ms0-1.04; Best double couple: M2.81500x1017 NP1.303.77000, delta 12.54000, lambda 71.97000. NP2.303.77000, delta 12.54000, lambda 71.97000. NP2.303.77000, delta 12.54000, lambda 71.97000. NP2.303.77000, delta 12.54000, lambda 71.97000.

UPA 28 14:36:13.4-2.7, 11.83N-86.39W, h60km, Mw5.6

ISC 28 14:36:08.7-0.4, 11.75N-86.52W, h0.04, h59km, 3km, h59km; p-P, n955, s192/769, mb5.2/150, MS4.9/224, 4C-11D, Near coast of Nicaragua

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COPN Copaltepe, MOMN Momotombo, CRIN San Cristobal, etc.

28d 14h

Y55A	Saluda	22.49	10	P	P	14 41 05.5 +2.2
WHTX	Lake Whitney	22.52 335	IAmb	IAmb		14 41 34.4
WHTX	Lake Whitney	22.52 335	P	P		14 41 04.8 +1.1
WLAR	White Oak Lake	22.65 346	IAMS_20	IAMS_20		14 51 36.6
FPAL	Fort Payne	22.70	2	IAmb	IAmb	14 41 09.2
HODGE	Hodges	22.71	9	IAmb	IAmb	14 41 27.8
HODGE	Hodges			IAMS_20	IAMS_20	14 49 32.6
X51A	Calhoun	22.76	4	P	P	14 41 08.5 +2.3
OXF	Oxford	22.81 354	P	P		14 41 06.8 +0.1
OXF	Oxford			pmax	pmax	14 41 08.2 +1.6
OXF	Oxford			MLR	MLR	
OXF	Oxford			Z,2um,20.0s		
OXF	Oxford	22.81 354	P	P		14 41 06.8 +0.1
OXF	Oxford	22.81 354	P	P		14 41 08.2 +1.6
X53A	Estanolee	22.84	7	P	P	14 41 09.2 +2.2
Y57A	Sumter	22.86	13	IAmb	IAmb	14 41 33.6
Y57A	Sumter			IAMS_20	IAMS_20	14 49 50.5
Y57A	Sumter			Z,5um,21.0s		
Y58A	Scranton	22.92	15	IAMS_20	IAMS_20	14 49 42.2
X54A	Belton	23.00	9	P	P	14 41 11.0 +2.3
X55A	Gracelyn & Ava	23.05	10	P	P	14 41 11.3 +2.2
PLAL	Pickwick Lake	23.17 357	IAmb	IAmb		14 41 13.8
X56A	White Oak	23.18	12	P	P	14 41 12.7 +2.0
X40A	Basin Creek Fa	23.35 347	IAmb	IAmb		14 41 15.0
X40A	Basin Creek Fa			IAMS_20	IAMS_20	14 51 32.2
X40A	Basin Creek Fa			Z,4um,21.0s		
X40A	Basin Creek Fa	23.35 347	P	P		14 41 12.7 +0.7
X57A	Johnson Farm	23.35	13	P	P	14 41 14.4 +2.3
W52A	Murphy	23.36	5	IAmb	IAmb	14 41 30.2
W52A	Murphy			IAMS_20	IAMS_20	14 49 53.6
W52A	Murphy			Z,4um,22.0s		
PAUL	Pauline	23.36	10	IAMS_20	IAMS_20	14 50 32.8
SWET	Sewanee	23.36	1	IAmb	IAmb	14 41 16.5
W50A	Signal Mountain	23.37	2	IAmb	IAmb	14 41 34.3
Y60A	Bolivia	23.41	18	P	P	14 41 14.6 +2.1
W45A	Hickory Valley	23.43 354	IAmb	IAmb		14 41 46.6
BIRD	Birdtown	23.45	13	IAmb	IAmb	14 41 17.1
BIRD	Birdtown			IAMS_20	IAMS_20	14 50 17.1
BIRD	Birdtown			Z,5um,21.0s		
SEUS	St. Eustatius	23.47	73	IAMS_20	IAMS_20	14 49 00.6
SMRT	St. Maarten	23.49	72	P	P	14 41 13.1 -0.5
SMRT	St. Maarten			IAMS_20	IAMS_20	14 48 40.3
HPIG	HPIG	23.50 313	IAmb	IAmb		14 41 18.6
HPIG	HPIG			IAMS_20	IAMS_20	14 52 05.8
W54A	Cherokee Point	23.56	9	P	P	14 41 16.6 +2.6
MIAR	Mount Ida	23.58 345	P	P		14 41 14.7 +0.5
MIAR	Mount Ida			pmax	pmax	
MIAR	Mount Ida			Z,90nm,1.0s		
MIAR	Mount Ida	23.58 345	IAmb	IAmb		14 41 17.1
MIAR	Mount Ida			IAMS_20	IAMS_20	14 51 54.2
MIAR	Mount Ida			Z,4um,22.0s		
MIAR	Mount Ida	23.58 345	P	P		14 41 14.9 +0.7
Z35A	Perchaven, San	23.62 337	IAmb	IAmb		14 41 43.4
X58A	Rowland	23.62	15	IAMS_20	IAMS_20	14 50 13.8
X58A	Rowland			P	P	14 41 16.9 +2.3
SKI	Saint Kitts	23.67	74	IAMS_20	IAMS_20	14 48 48.9
TX31	Lajitas Ar. Si	23.69 320	P	P		14 41 16.6 +1.3
TX31	Lajitas Ar. Si			IAmb	IAmb	14 41 19.9
TX32	Lajitas Array	23.69 320	IAmb	IAmb		14 41 19.9
TXAR	Lajitas Array	23.69 320	P	P		14 41 16.0 +0.7
TXAR	Lajitas Array			pP	pP	14 41 29.4 +0.1
TXAR	Lajitas Array			comp-Z,22nm,0.7s,baz=143,slow=9.9,SNR=133		
TXAR	Lajitas Array			comp-Z,3.4nm,0.8s,baz=134,slow=3.9,SNR=5.6		
TXAR	Lajitas Array			ScP	ScP	14 48 33.4 +1.5
TXAR	Lajitas Array			comp-Z,25nm,1.1s,baz=142,slow=4.3,SNR=34		
TXAR	Lajitas Array			LR	LR	14 52 15.9
TXAR	Lajitas Array	23.69 320	P	P		14 41 16.6 +1.2
TXAR	Lajitas Array			14 45 00.0 +1.6		
TXAR	Lajitas Array			14 48 34.1 +2.3		
KMSC	Kings Mountain	23.76	11	IAmb	IAmb	14 41 43.2
KMSC	Kings Mountain			IAMS_20	IAMS_20	14 50 16.3
KMSC	Kings Mountain			Z,4um,21.0s		
KMSC	Kings Mountain	23.76	11	P	P	14 41 18.0 +2.2
V48A	Smith Brothers	23.88 359	IAmb	IAmb		14 41 37.1
W41B	Gary Marvity, V	23.89 348	IAMS_20	IAMS_20		14 51 22.4
W41B	Gary Marvity, V			P	P	14 41 17.2 +0.3
W56A	Indian Trail	23.89	12	P	P	14 41 19.5 +2.5
TKL	Tuckaleehee C	23.93	6	P	P	14 41 18.9 +1.6
TKL	Tuckaleehee C			comp-Z,61nm,0.9s,baz=161,slow=6.5,SNR=19		
TKL	Tuckaleehee C	23.93	6	IAmb	IAmb	14 41 24.3
TKL	Tuckaleehee C			IAMS_20	IAMS_20	14 50 32.8
LPAR	Lepanto	23.99 352	IAMS_20	IAMS_20		14 50 48.2
WHAR	Woolly Hollow	24.01 348	IAmb	IAmb		14 41 54.8
WHAR	Woolly Hollow			IAMS_20	IAMS_20	14 51 25.6
ABTX	Abilene, Hawle	24.02 332	P	P		14 41 18.9 +0.7
V51A	Loudon	24.02	4	IAmb	IAmb	14 41 35.8
W57A	Gilead	24.04	13	IAmb	IAmb	14 41 24.5
W57A	Gilead			IAMS_20	IAMS_20	14 50 35.7
W57A	Gilead			Z,4um,21.0s		
W57A	Gilead	24.04	13	P	P	14 41 20.0 +1.7
V53A	Saluda	24.05	7	IAmb	IAmb	14 41 24.6
V53A	Saluda			IAMS_20	IAMS_20	14 50 46.9
W58A	Reafored	24.09	15	P	P	14 41 20.9 +2.1
X37A	Clayton	24.12 342	IAmb	IAmb		14 41 52.0
V52A	Gevlinville	24.13	6	IAMS_20	IAMS_20	14 50 29.1
CLTN	Cedars of Leba	24.23	0	IAmb	IAmb	14 41 25.1
W39A	Magazine	24.25 345	IAmb	IAmb		14 41 23.7
W39A	Magazine			P	P	14 41 20.9 +0.6
V54A	Nebo	24.27	9	P	P	14 41 23.1 +2.6

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WVT	Waverly	24.30 357	P	P		14 41 22.4 +1.7
WVT	Waverly			pmax	pmax	
WVT	Waverly			comp-Z,36nm,1.0s		
WVT	Waverly			MLR	MLR	
WVT	Waverly	24.30 357	P	P		14 41 22.4 +1.7
WVT	Waverly	24.30 357	P	P		14 41 22.8 +2.1
GNAR	Gosnell	24.31 353	IAMS_20	IAMS_20		14 50 33.8
V55A	Taylorville	24.47	10	IAmb	IAmb	14 41 24.8 +2.5
V55A	Taylorville			IAMS_20	IAMS_20	14 50 26.1
V55A	Taylorville			Z,4um,22.0s		
V55A	Taylorville	24.47	10	P	P	14 41 24.8 +2.5
FCAR	Ozark Folk Cen	24.56 349	IAMS_20	IAMS_20		14 51 28.2
V56A	Mocksville	24.56	12	P	P	14 41 25.2 +2.1
ANWB	Willy Bob	24.62	73	IAMS_20	IAMS_20	14 49 24.2
U49A	Red Boiling Sp	24.66	1	IAmb	IAmb	14 41 44.6
V57A	Collrane Farms	24.79	13	P	P	14 41 27.2 +2.0
TZTN	Tazewell	24.83	6	P	P	14 41 27.4 +1.8
TZTN	Tazewell			IAmb	IAmb	14 41 32.0
TZTN	Tazewell			comp-Z,63nm,1.0s		
TZTN	Tazewell	24.83	6	P	P	14 41 27.6 +2.1
V58A	Windy Hill, Pi	24.86	14	IAMS_20	IAMS_20	14 50 50.4
V58A	Windy Hill, Pi			comp-Z,5um,22.0s		
U54A	Nelsons Funny	25.02	9	IAMS_20	IAMS_20	14 50 53.8
U54A	Nelsons Funny			comp-Z,3um,22.0s		
U54A	Nelsons Funny	25.02	9	P	P	14 41 29.6 +2.3
U54A	Nelsons Funny			baz=191,SNR=18		
U54A	Nelsons Funny	25.05	16	P	P	14 41 29.6 +2.1
U54A	Nelsons Funny			baz=199,SNR=12		
U56A	King	25.11	12	IAMS_20	IAMS_20	14 51 18.0
U56A	King			comp-Z,4um,20.0s		
U56A	King	25.11	12	P	P	14 41 30.8 +2.8
U56A	King			baz=194,SNR=7.6		
U55A	TA2, Sparta	25.13	10	P	P	14 41 30.4 +2.0
U40A	Yellville	25.16 348	IAMS_20	IAMS_20		14 52 22.9
U40A	Yellville			comp-Z,3um,22.0s		
U40A	Yellville	25.16 348	P	P		14 41 28.7 +0.2
T50A	Nancy	25.20	3	P	P	14 41 30.2 +1.3
T50A	Nancy			baz=184		
T51A	Gray	25.21	5	P	P	14 41 30.7 +1.7
T49A	Edmonton	25.26	2	P	P	14 41 30.6 +1.2
HHAR	Hobbs	25.32 346	P	P		14 41 30.5 +0.4
HHAR	Hobbs			IAMS_20	IAMS_20	14 52 55.4
HHAR	Hobbs			comp-Z,4um,21.0s		
T53A	Wise	25.38	7	P	P	14 41 32.3 +1.7
T53A	Wise			baz=189		
FNO	Franklin	25.40 339	P	P		14 41 31.1 +0.4
U57A	Blanch	25.41	14	P	P	14 41 32.7 +1.8
T52A	Hallie	25.45	7	IAMS_20	IAMS_20	14 51 39.0
WMOK	Wichita Mounta	25.46 336	P	P		14 41 33.4 +2.1
WMOK	Wichita Mounta			pmax	pmax	
WMOK	Wichita Mounta			comp-Z,198nm,1.1s		
WMOK	Wichita Mounta			Z,1um,19.0s		
WMOK	Wichita Mounta	25.46 336	P	P		14 41 33.4 +2.1
WMOK	Wichita Mounta			comp-Z,151,SNR=27		
NNA	Nana	25.47 158	P	P		14 41 33.0 +1.5
NNA	Nana			comp-Z,20nm,0.8s,baz=341,slow=7.0,SNR=6.6		
NNA	Nana			pP	pP	14 41 47.9 +2.0
NNA	Nana			comp-Z,21nm,0.8s,baz=328,slow=6.6,SNR=3.4		
NNA	Nana			25.47 158		14 41 30.6 -1.0
NNA	Nana			pmax	pmax	
TUL1	Leonard	25.47 342	IAmb	IAmb		14 42 01.4
TUL1	Leonard			comp-Z,67nm,0.9s		
TUL1	Leonard	25.47 342	P	P		14 41 31.4 0.0
T42A	Van Buren	25.50 351	IAMS_20	IAMS_20		14 51 34.2
U58A	Oxford	25.57	15	P	P	14 41 34.1 +1.9
U58A	Oxford			baz=198,SNR=9.6		
U58A	Oxford	25.58 345	IAMS_20	IAMS_20		14 52 53.2
U58A	Oxford			comp-Z,4um,22.0s		
T54A	Tazewell	25.59	9	P	P	14 41 34.3 +1.8
LPIG	La Paz	25.70 302	P	P		14 41 36.9 +3.3
LPIG	La Paz			comp-Z,44nm,0.3s,baz=322,slow=7.5,SNR=3.7		
T55A	Pulaski	25.78	11	P	P	14 41 36.6 +2.4
T56A	Beattyville	25.84	12	P	P	14 41 37.1 +2.4
T56A	Beattyville			baz=195,SNR=6.6		
SS1A	Beattyville	25.91	5	IAmb	IAmb	14 41 56.6
SS1A	Beattyville			comp-Z,47nm,0.8s		
SS1A	Beattyville			Z,2um,22.0s		
SS1A	Beattyville	25.91	5	P	P	14 41 36.8 +1.5
SS1A	Beattyville			baz=187		
BLA	Blacksburg	25.93	11	IAMS_20	IAMS_20	14 51 44.0
BLA	Blacksburg			comp-Z,3um,20.0s		
BLA	Blacksburg	25.93	11	P	P	14 41 38.1 +2.5
BLA	Blacksburg			baz=194		
S49A	Springfield	25.95	2	P	P	14 41 38.4 +2.8
S49A	Springfield			baz=183		
T57A	Hurt	25.97	13	IAmb	IAmb	14 42 01.5
T57A	Hurt			comp-Z,81nm,1.2s		
T57A	Hurt			IAMS_20	IAMS_20	14 51 35.0
T57A	Hurt			Z,4um,21.0s		
T57A	Hurt	25.97	13	P	P	14 41 38.0 +2.1
T57A	Hurt			baz=196,SNR=12		
U60A	Pendleton	26.02	17	P	P	14 41 38.5 +2.2
T58A	Grand View Acr	26.09	15	P	P	14 41 38.8 +1.9
T58A	Grand View Acr			baz=198,SNR=8.1		
SS3A	Williamson	26.12	8	P	P	14 41 40.9 +3.7
SS3A	Williamson			baz=190		
SS4A	Dingess, Beckl	26.35	9	IAMS_20	IAMS_20	14 51 35.0
SS4A	Dingess, Beckl			comp-Z,3um,22.0s		
SS4A	Dingess, Beckl	26.35				

056A	Blue Knob Stat	29.26	13	P	P	14 42 07.5 +2.2
N51A	Ashland	29.28	6	IAMS_20	IAMS_20	14 53 58.4
N51A	Ashland	29.28	6	P	P	14 42 06.2 +0.8
ANMO	Albuquerque	29.35	325	P	P	14 42 07.3 +0.9
ANMO	Albuquerque	29.35	325	P	P	14 42 06.8 +0.5
ANMO	Albuquerque	29.35	325	P	P	14 42 07.5 +1.1
ANMO	Albuquerque	29.35	325	P	P	14 42 07.8 +1.5
N53A	Lisbon	29.37	9	IAMS_20	IAMS_20	14 53 06.8
N53A	Lisbon	29.37	9	P	P	14 42 07.6 +1.4
CBK5	Cedar Bluff	29.41	339	IAMS_20	IAMS_20	14 55 18.3
057A	Amberson	29.41	14	P	P	14 42 08.6 +2.0
058A	Lewisberry	29.50	15	P	P	14 42 09.6 +2.2
P60A	Greenville	29.56	17	IAMS_20	IAMS_20	14 54 42.0
P60A	Greenville	29.56	17	P	P	14 42 09.3 +1.4
N54A	Moraine State	29.66	10	IAMS_20	IAMS_20	14 51 41.5
N54A	Moraine State	29.66	10	P	P	14 42 10.5 +1.7
M48A	Edgerton	29.66	3	P	P	14 42 09.1 +0.3
N55A	Marion Center	29.67	12	P	P	14 42 10.2 +1.3
M49A	Liberty Center	29.69	4	P	P	14 42 09.9 +0.8
M50A	Fremont	29.69	5	P	P	14 42 10.1 +1.0
PSUB	Penn St. - Bra	29.72	17	IAMS_20	IAMS_20	14 54 55.3
SSPA	Standing Stone	29.76	13	P	P	14 42 11.7 +2.1
SSPA	Standing Stone	29.76	13	P	P	14 42 11.4 +1.8
059A	Robesonia	29.87	16	P	P	14 42 13.1 +2.4
N56A	West Decatur	29.94	13	P	P	14 42 13.4 +2.1
N57A	Milroy	29.95	14	P	P	14 42 13.4 +2.0
T25A	Trinidad	29.96	331	P	P	14 42 13.9 +2.2
M53A	WI Miller and	30.01	9	P	P	14 42 13.5 +1.6
M52A	Chesterland	30.02	8	IAMS_20	IAMS_20	14 53 27.0
N35A	Tabor	30.09	346	IAMS_20	IAMS_20	14 55 51.4
060A	Telford	30.10	17	P	P	14 42 13.9 +1.3
L48A	W Adams	30.13	3	P	P	14 42 13.3 +0.4
N58A	Sunbury	30.23	15	P	P	14 42 15.8 +2.0
M54A	Oil Creek Stat	30.24	10	Iamb	Iamb	14 42 45.8
M54A	Oil Creek Stat	30.24	10	IAMS_20	IAMS_20	14 53 47.0
M54A	Oil Creek Stat	30.24	10	P	P	14 42 15.5 +1.6
L42A	Oliver, Polo	30.26	355	Iamb	Iamb	14 42 16.2
TUC	Tucson	30.27	316	IAMS_20	IAMS_20	14 54 55.4
TUC	Tucson	30.27	316	P	P	14 42 16.1 +1.7
L49A	Milan	30.34	4	P	P	14 42 16.0 +1.2
M55A	Ridgway	30.37	12	IAMS_20	IAMS_20	14 54 22.4
M55A	Ridgway	30.37	12	P	P	14 42 16.9 +1.7
N33A	J Bar Exete	30.43	343	IAMS_20	IAMS_20	14 55 58.6
L40A	Anamosa	30.47	353	Iamb	Iamb	14 42 41.5
L40A	Anamosa	30.47	353	IAMS_20	IAMS_20	14 54 34.8
M56A	Emporium	30.50	12	P	P	14 42 17.8 +1.5
AAM	Ann Arbor	30.54	4	IAMS_20	IAMS_20	14 54 38.7
N59A	State Game Lan	30.55	16	Iamb	Iamb	14 42 20.2
N59A	State Game Lan	30.55	16	P	P	14 42 19.3 +2.6
L53A	Girard	30.58	9	P	P	14 42 18.3 +1.4
M57A	Sunshine Farm,	30.60	14	P	P	14 42 19.1 +2.0
SCIA	State Center	30.61	350	IAMS_20	IAMS_20	14 54 23.3
KSCO	Kaye Sheddock	30.70	335	IAMS_20	IAMS_20	14 56 54.3
KSCO	Kaye Sheddock	30.70	335	P	P	14 42 18.9 +0.8
N60A	Cedar Hill Far	30.70	17	P	P	14 42 20.0 +2.0
ERPA	Erie	30.78	10	IAMS_20	IAMS_20	14 54 15.3
ERPA	Erie	30.78	10	P	P	14 42 20.1 +1.4
M58A	Price's Panora	30.80	15	P	P	14 42 20.6 +1.8
K46A	Dorr	30.82	1	P	P	14 42 18.6 -0.5
K47A	Vermontville	30.83	2	P	P	14 42 19.0 -0.1
SDCO	Great Sand Dun	30.97	330	P	P	14 42 22.6 +1.9
SDCO	Great Sand Dun	30.97	330	P	P	14 42 21.8 +1.0
K48A	Perry	31.00	3	P	P	14 42 20.8 +0.2
SAML	Samuel	31.01	131	P	P	14 42 19.1 -1.9
SAML	Samuel	31.01	131	P	P	14 42 19.1 -1.9
SAML	Samuel	31.01	131	P	P	14 42 22.0 +1.3
L54A	Sinclairville	31.01	10	P	P	14 42 22.0 +1.3
X18A	Snowflake	31.12	321	IAMS_20	IAMS_20	14 57 03.1
L55A	Hinsdale	31.13	12	P	P	14 42 23.3 +1.6
KSPA	Keystone Colle	31.15	16	P	P	14 42 24.4 +2.5
KSPA	Keystone Colle	31.15	16	Iamb	Iamb	14 42 24.7
PAL	Palisades	31.18	19	P	P	14 42 23.7 +1.5
JFWS	Jewell Farm	31.21	355	Iamb	Iamb	14 42 24.7
JFWS	Jewell Farm	31.21	355	IAMS_20	IAMS_20	14 52 07.5
JFWS	Jewell Farm	31.21	355	P	P	14 42 23.0 +0.5
M59A	Waymart	31.23	16	P	P	14 42 24.6 +2.0
BGNE	Belgrade	31.25	343	IAMS_20	IAMS_20	14 56 58.3
BGNE	Belgrade	31.25	343	P	P	14 42 23.2 +0.3
M60A	Port Jervis	31.32	17	P	P	14 42 24.7 +1.8
K38A	Parkersburg	31.26	351	Iamb	Iamb	14 42 48.0
K38A	Parkersburg	31.26	351	IAMS_20	IAMS_20	14 55 01.5
L56A	Greenwood	31.26	13	P	P	14 42 24.7 +1.7
L57A	Andrews Acres	31.30	14	P	P	14 42 24.7 +1.5
W18A	Petrified Fore	31.38	322	Iamb	Iamb	14 42 29.0
W18A	Petrified Fore	31.38	322	P	P	14 42 26.4 +2.1
J47A	Summer	31.40	2	P	P	14 42 24.2 0.0
214A	Organ Pipe Nat	31.47	314	IAMS_20	IAMS_20	14 55 49.0

214A	Organ Pipe Nat	31.47	314	P	P	14 42 26.1 +1.2
K54A	Basiliko Farm,	31.49	11	P	P	14 42 25.9 +1.0
M61A	Granite Spring	31.50	19	P	P	14 42 26.9 +1.9
J48A	Bridge Port	31.52	4	P	P	14 42 25.3 +0.2
J45A	Montague	31.57	0	IAMS_20	IAMS_20	14 54 00.9
L58A	Harry Jones14	31.58	15	P	P	14 42 27.5 +1.8
J49A	Marlette	31.63	5	P	P	14 42 26.1 0.0
S22A	4UR Ranch, Cre	31.63	328	P	P	14 42 27.7 +1.1
BINY	Binghamton	31.70	15	P	P	14 42 28.5 +1.7
K55A	Perry	31.72	12	P	P	14 42 28.3 +1.3
J52A	Paris	31.81	8	P	P	14 42 28.4 +0.7
K56A	Middlesex	31.85	13	P	P	14 42 29.4 +1.3
M62A	Hamden	31.90	20	P	P	14 42 29.5 +1.0
L59A	Walton	31.93	16	IAMS_20	IAMS_20	14 56 13.8
L59A	Walton	31.93	16	P	P	14 42 30.8 +1.9
L60A	Shelan	31.98	17	P	P	14 42 31.2 +2.0
X16A	Lo Mia Camp, P	32.00	319	P	P	14 42 31.9 +2.2
X16A	Lo Mia Camp, P	32.00	319	Iamb	Iamb	14 42 34.2
X16A	Lo Mia Camp, P	32.00	319	IAMS_20	IAMS_20	14 57 19.2
K57A	Scipio Center	32.07	14	P	P	14 42 31.2 +1.2
MEDO	Medford	32.07	11	IAMS_20	IAMS_20	14 55 15.3
I42A	Draeger Farm,	32.09	357	Iamb	Iamb	14 42 32.5
OGNE	Ogallala	32.12	338	IAMS_20	IAMS_20	14 57 26.1
OGNE	Ogallala	32.12	338	P	P	14 42 32.4 +1.8
MVCO	Mesa Verde	32.12	326	P	P	14 42 32.1 +1.2
J54A	Appleton	32.14	11	IAMS_20	IAMS_20	14 55 19.2
M63A	Gales Ferry	32.15	21	P	P	14 42 32.9 +2.2
I47A	Gladwin	32.20	3	P	P	14 42 30.9 -0.2
I40A	Norwalk	32.22	354	IAMS_20	IAMS_20	14 55 14.0
I49A	Pol Hope	32.23	5	P	P	14 42 31.5 +0.1
I51A	Listowel	32.29	7	P	P	14 42 32.3 +0.4
K58A	Earlville	32.31	15	P	P	14 42 33.6 +1.5
L61A	Hillsdale 1, H	32.37	18	P	P	14 42 34.6 +1.9
I48A	Sherman Twp	32.41	4	P	P	14 42 32.9 -0.1
J56A	Wolcott	32.51	13	P	P	14 42 34.8 +1.0
K59A	Cooperstown	32.53	16	P	P	14 42 35.4 +1.4
K31A	O'Neill	32.55	343	IAMS_20	IAMS_20	14 57 14.5
ISCO	Idaho Springs	32.65	332	IAMS_20	IAMS_20	14 58 07.9
ISCO	Idaho Springs	32.65	332	P	P	14 42 36.2 +0.7
WU4Z	Wupatki	32.65	321	Iamb	Iamb	14 42 40.1
WU4Z	Wupatki	32.65	321	IAMS_20	IAMS_20	14 56 48.6
WU4Z	Wupatki	32.65	321	P	P	14 42 36.9 +1.4
K60A	Five Rivers En	32.66	17	P	P	14 42 37.0 +1.9
I52A	Shelburne	32.66	8	P	P	14 42 36.3 +1.1
I37A	Lemond, Waseca	32.69	351	Iamb	Iamb	14 43 00.6
L63A	North Scituate	32.71	31	P	P	14 42 37.5 +1.9
Y14A	Wickenburg	32.73	317	IAMS_20	IAMS_20	14 58 23.6
J57A	Williamsstown	32.83	14	P	P	14 42 37.9 +1.2
L61B	Northampton	32.87	19	P	P	14 42 38.5 +1.4
K61A	Williamsstown	32.89	18	P	P	14 42 39.7 +2.5
H48A	Harrisville	32.95	4	P	P	14 42 37.8 +0.1
J58A	Remsen	32.96	15	Iamb	Iamb	14 42 56.8
J58A	Remsen	32.96	15	P	P	14 42 39.1 +1.3
PV02	Paradox Valley	32.98	327	Iamb	Iamb	14 42 41.9
PV13	Radium Mt., P	32.99	327	Iamb	Iamb	14 42 41.8
ECSD	EROS Data Cent	33.04	347	Iamb	Iamb	14 42 39.9
ECSD	EROS Data Cent	33.04	347	IAMS_20	IAMS_20	14 56 44.6
ECSD	EROS Data Cent	33.04	347	P	P	14 42 37.6 -0.9
PV03	Paradox Valley	33.07	327	Iamb	Iamb	14 42 55.6
PV16	Nyswonger Mesa	33.15	327	Iamb	Iamb	14 42 43.8
G45A	Suttons Bay	33.18	1	P	P	14 42 39.4 -0.3
PV19	Morning Glory	33.19	327	P	P	14 42 41.5 +1.4
PV20	West Nyswonger	33.20	327	Iamb	Iamb	14 42 56.5
K62A	Royalston	33.21	19	P	P	14 42 41.2 +1.2
I55A	Frankford	33.23	12	P	P	14 42 41.0 +0.9
PV22	Blue Mesa, Pa	33.25	327	Iamb	Iamb	14 42 44.7
PV14	Lion Creek, P	33.25	327	Iamb	Iamb	14 42 45.1
H52A	Wyevale	33.27	9	P	P	14 42 41.1 +0.7
J59A	Pleisco	33.27	16	P	P	14 42 41.5 +1.0
LP4Z	La Paz	33.27	146	P	P	14 42 41.8 +0.3
LP4Z	La Paz	33.27	146	P	P	14 42 41.8 +0.3
LP4Z	La Paz	33.27	146	P	P	14 42 42.4 +0.9
I58A	Old Forge	33.35	15	P	P	14 42 42.4 +1.1
PV21	Cone Mtn., Par	33.37	327	Iamb	Iamb	14

28d 14h

2014 MAR

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like F59A Saint Guillaume, H64A Troy, D53A Lac Vacive, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like LVC Limon Verde, ELK Elk, D63A Stockholm, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like SCHQ, LON Longmire, E03A Lebam, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like BRG Bergjesshobel, KHC Kasperske Hory, GERES GERESS Array B, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like ASAR, GYA, WRA, KMI, CTBH, QIZ, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like PPT, TVO, TBI, TBI, TBI, etc.

28d 16h

Table with columns for flight codes (e.g., MAT, MJB9, CIB), destinations (e.g., Matsu-Tunnel, Cispomet, Garu), times, and status indicators (S, P, I, etc.).

2014 MAR

Table with columns for flight codes (e.g., KLR, KLR, KLR), destinations (e.g., Kul'dur, Kul'dur, Kul'dur), times, and status indicators (P, P, P, etc.).

1586

Table with columns for flight codes (e.g., VVND, MOY, MOY), destinations (e.g., Vanda, Vanda, Vanda), times, and status indicators (P, P, P, etc.).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOLK Toolik Lake Re, ULHL Ulthol, QSPA South Pole Qui, etc.

WEL 28 16:24:35.4, 44°S, 4°17'0E, h12km, M3.5/23, ML3 5/7, MLV3.5/23, Error ellipse: s-maj=0.0km s-min=0.0km az=0.7, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LBZ Lake Benmore, JZC Jackson Bay, WKZ Wanaka, etc.

IDC 28 16:43:20.4, 0.8, 5.63S, 153.08E, h0km, mb4.0/15, mb1.4/1.16, mb1mx3.9/4.0, mbtmp4.0/16, M2.2/1, Error ellipse: s-maj=22.7km s-min=15.5km az=108.0

NEIC 28 16:43:21.2, 1.8, 5.66S, 0.10, 153.24E, 0.06, h10km, 2km, mb4.3/5, Error ellipse: s-maj=17.7km s-min=7.1km az=154.0

ISC 28 17:05:27.0, 0.7, 5.63S, 0.07, 153.12E, 0.10, h37km, n27, i1908/31, mb4.1/15, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), RABL Rabaul, PMG Port Moresby, etc.

ATA 28 17:07:40.3, 0.3, 39°15'N, 40°61'E, h15km, ML2.1, MW3.9, DDA 28 17:08:03.1, 39.66N, 38.35E, h7km, 3km, ML1.4

ISC 28 17:08:03.5, 1.2, 39.67N, 0.03, 38.38E, 0.04, h8km, 13km, n9, e0957/14, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like REFA Refahiye_ERZN, KEMA Kemalye, etc.

DJA 28 17:08:36.2, 0.6, 4°S, 4°10'0E, h53km, 23km, M4.0/7, mb5.3/1, mb4.8/2, ML3.7/7, Mw(mB)4.7/1

IDC 28 17:08:37.9, 1.6, 2.96S, 100.186E, h0km, mb3.6/7, mb1.3/7.7, mb1mx3.5/9.6, mbtmp3.6/7, MS3.8/1, Ms1.3/8.1, ms1mx2.8/4.1, Error ellipse: s-maj=67.7km s-min=19.9km az=53.0

ISC 28 17:08:38.4, 1.1, 3.49S, 0.08, 99.81E, 0.10, h35km, n25, i1944/20, mb3.7/7, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SISI Padang, KSI Kupahing, SDOI Sangai Dareh, etc.

JMA 28 17:08:50.2, 0.4, 33°05'N, 137°85'E, h359km, 4km, M3.3, IDC 28 17:05:15.0, 0.6, 32°97'N, 137°77'E, h344km, 6km, mb3.0/13, mb1.3/2.19, mb1mx3.1/5.1, mbtmp3.8/19, Error ellipse: s-maj=14.9km s-min=9.5km az=71.0

ISC 28 17:08:50.7, 0.6, 32.95N, 137.91E, 0.05, h341km, n54, i1566/69, mb3.3/13, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TK02 Tokai 2, TT03 TONANKAI O.B.S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro, MAT Matsushiro, etc.

ASAJ Ashikawa, WRR Warramunga Arr, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIRN Jiri, GUN Gumba, etc.

ILAR Eileison Array, ASAR Alle Springs, etc.

YKA Yellowknife Arr, FINES FINESS Array B, etc.

NOA Nihoa Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, etc.

IDC 28 17:31:20.5, 1.2, 35°83'N, 140°78'E, h0km, mb3.4/5, mb1.3/7, mb1mx3.3/5.6, mbtmp3.4/7, ML2.8/2, MS3.6/2, Ms1.3/6.2, ms1mx2.7/2.9, Error ellipse: s-maj=26.3km s-min=22.4km az=149.0

28d 18h

JMA 28 17:31:21.0.2.0.2.35.80N x 140.96E, h14kmz1km, M3.6
JMA Feit 1 J1
ISC 28 17:31:21.6.0.9.35.81N.0.03.140.92E.0.07, h11kmz6km,
n25.0e84/25, mb3.6/5, 6C-1D, Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Lists stations like CHQJ, JIHU, JSMT, etc.

TUL 28 17:56:11.2.1.7.36.13N.0.02.97.63W.0.05, h0kmz6km,
ML3.1, Error ellipse: s-maj=6.6km s-min=2.0km az=68.0
ANF 28 17:56:11.7.1.2.36.13N.97.62W, h6kmz6km, ML3.5/5,
Error ellipse: s-maj=4.9km s-min=2.7km az=138.3
NEIC 28 17:56:11.4.2.1.36.15N.0.03.97.65W.0.05, h3kmz11km,
Error ellipse: s-maj=6.7km s-min=0.6km az=70.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Lists stations like ADOK, OKFA, OKCFA, etc.

ROM 28 18:21:29.0.1.4.1.198N.0.008.7.42E.0.01, h16km,
ML2.6/27, Error ellipse: s-maj=1.1km s-min=0.4km
az=223.0
IASPEI 28 18:21:29.3.0.8.44.22N.0.02.7.44E.0.02, h14kmz4km,
Error ellipse: s-maj=2.4km s-min=2.2km az=169.4, GTS
selection from ISC bulletin GTS identified by Bondar and
McLaughlin (2009) selection criteria Bondar and
McLaughlin, A data group truth data set for seismic
studies, <Seism. Res. Let.>, 80, 465-472,

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2009
GEN 28 18:21:29.8.44.19N.7.43E, h11kmz1km, M12.7
STR 28 18:21:29.6.0.4.44.19N.7.43E, h4kmz2km, ML2.6/8
LDG 28 18:21:30.1.0.1.44.18N.7.48E, h11km, M13.1/2, M12.9/42,
Error ellipse: s-maj=1.6km s-min=1.5km az=33.0
ISC 28 18:21:29.4.0.7.44.22N.0.01.7.42E.0.01, h16kmz3km,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Lists stations like ENR, ENR, ENR, etc.

1588

Table with columns: RSP, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Lists stations like RSP, RSP, RSP, etc.

Table with columns: HIN, HIN, HIN, FETA, FETA, AVF, AVF, HAU, HAU, MTLF, MTLF, CAF, CAF, LOR, LOR, LOR, SSS, SSS, SSS, FOSV, BGF, BGF, SOTA, SOTA, MOTA, MOTA, MOTA, FNEB, FNEB, CDF, CDF, TCF, TCF, TCF, WTAA, WTAA, WATA, WATA, SFTF, SFTF, RJF, RJF, RJF, ABTA, ABTA, PAGF, PAGF, HJF, MEZF, MEZF, TERC, TERC, LFF, LFF, LFF, EPF, EPF, EPF, MFF, MFF, MFF, ETSF, ETSF, BAIF, BAIF, BAIF, SJPF, LDF, LDF, LDF, GRR, GRR, GRR, FLN, FLN, FLN, FLN, SGMF, SGMF

NEIC 28 18:37:44.2±0.2, 15:3N; 02:95; 05W; 0.05, h34km, 11km, Error ellipse: s-maj=25.0km s-min=6.8km az=177.0 MEX 28 18:37:45.4±0.7, 15:22N; 05:92, W2W, h16km, 10km, MD4.0 ISC 28 18:37:40.4±1.8, 15:3N; 01:95; 00W; 0.04, h4km, 13km, n16, s=19/25, Near coast of Oaxaca

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: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC

28d 20h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GCMT Greycliff, YNE Yellowstone No, BW06 Boulder Array, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like TPNV Topopah Spring, KLMR Klimovskoe, KVM Kaiserville, etc.

1592

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like DDJ Dehra Dun, GEYT Alibek, GYA0B ALIBECK ARRAY, MK31 Makanchi Array, etc.

ANF 28 21:57:16.4-0.7, 52.05N-67.80W, h10km, 17km, ML3.9/1, Error ellipse: s-maj=19.1km s-min=4.9km az=26.0, Northern Quebec

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like D63A Stockholm, D63A Allapott, D62A St Aubert, etc.

IDC 28 22:19:57.4-6.2, 55.64S-156.46E, h0km, mb4.0/2, mb1 4.3/2, mb1mx3.8/21, mbmt4.0/2, MS3.4/1, Ms1 3.4/1, ms1mx2.8/25, Error ellipse: s-maj=324.9km s-min=68.5km az=71.0, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like VNDA Vanda, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

IDC 28 22:23:37.7-1.3, 45.25N-107.28W, h0km, mb1 3.5/3, mb1mx3.2/42, mbtms3.2/3, ML3.2/2, Error ellipse: s-maj=60.7km s-min=7.9km az=132.0

NEIC 28 22:23:40.2-2.9, 45.18N, 0.05-106.88W, 0.07, h0km, 2km, ML2.8/60, Error ellipse: s-maj=8.6km s-min=8.0km az=30.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like LAO LASA Array, RLMT Red Lodge, YNE Yellowstone No, etc.

ATH 28 23:03:6.38'21N-20.42'E, h13km, 1km, ML2.5/8, Error ellipse: s-maj=1.8km s-min=0.9km az=238.0

THE 28 23:03:7.38'21N-20.42'E, h13km, ML3.2/8, Error ellipse: s-maj=0.9km s-min=0.4km az=255.0

ISC 28 22:31:03.1-8.38'21N-0.03-20.40E, 0.04, h16km, 4km, n44, 0566/67, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CHV1 Chavriata, LXR1 Lixouri, KEF3 Kipouria, etc.

LKD2 comp=N, 258nm, 0.3s S Sg 22 31 24.2 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like LKD2 Lefkada island, KRI1 KRI1, TSLSK Tsoukalades, etc.

IASPEI 28 22:33:31.5-0.8, 37.02N-0.03-27.46E, 0.03, h11km, 5km, Error ellipse: s-maj=4.9km s-min=3.2km az=55.2, 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. Lett.</i>, 80, 465-472, 2009

DDA 28 23:31.2-37.03N-27.47E, h11km, ML2.7, THE 28 23:31.9, 37.02N-27.45E, h4km, ML2.6/3, Error ellipse: s-maj=5.7km s-min=0.8km az=47.0

ISK 28 23:31.8, 37.02N-27.42E, h9km, ML2.7/18, ATH 28 23:32.0, 36.99N-27.37E, h25km, 1km, ML2.6/2, Error ellipse: s-maj=2.5km s-min=1.1km az=50.0

ISC 28 22:33:31.5-0.8, 37.02N-0.02-27.49E, 0.02, h11km, 5km, n44, 0196/57, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like BDRM Kayabasi, BDRM Bodrum, DATC Data-Mugla, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Kings Mountain, Tuckaleechee C, Kings Mountain, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IPOC Station P, Chuzmiza, Elko, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ANF 28 23:16:24.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CFSB Cacapava Do Su, ITRB Iturama, CNLB Canela, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FOZ Fox Glacier, DZM Mont Dzumac, DZM DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FINES FINES Array B, FINES FINES Array B, KBZ Khabaz, etc.

ATH 29.00:19.41.6, 38.15N, 20.40E, h13km, 1km, ML2.7/5, Error ellipse: s-maj=2.3km s-min=1.1km az=23.0

THE 29.00:19.42.3, 38.19N, 20.43E, h11km, 1km, ML2.5/8, Error ellipse: s-maj=1.4km s-min=0.6km az=23.0

ISC 29.00:19.41.8-1.1, 38.17N, 20.42E, h13km, 5km, n39, c033/64, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LXR A Lixouri, LXR B Lixouri, LXR C Lixouri, etc.

ISC 29.00:20.38.5, 8.4, 36.29N, 70.35E, h61km, 39km, mb3.4/4, mb1.3/4.9, mb1mx3.1/5.4, mbtmpr4.6/8, ML3.4/5, MS3.2/3, Ms1.3/2.3, ms1mx2.7/2.8, Error ellipse: s-maj=118.4km s-min=28.7km az=159.0

NNC 29.00:43.2, 4.9, 36.87N, 69.70E, h0km, mb4.2, mpv3.6, Error ellipse: s-maj=48.8km s-min=28.9km az=169.0

ISC 29.00:36.5, 0.9, 36.17N, 0.08E, h17.0/7, h35km, n22, c218/22, mb3.6/3, 1C-2D, Hindu Kush region

IDC 29.00:18.19.4, 0.8, 30.56S, 177.59W, h0km, mb4.7/6, mb1.4/3.8, mb1mx4.4/26, mbtmpr4.6/8, ML3.9/2, ML5.5/6, Ms1.3/4.6, ms1mx3.1/2.9, Error ellipse: s-maj=31.0km s-min=19.4km az=119.0

NEIC 29.00:18.22.4, 1.8, 30.46S, 0.05, 177.6W, 0.2, h18km, 4km, mb4.6/2.8, Error ellipse: s-maj=20.0km s-min=6.7km az=99.0

ISC 29.00:18.24.7, 0.6, 30.62S, 106.16W, 0.1, h33km, n142, c170/123, mb4.6/17, MS3.4/7, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RAO Raoul Island, MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include THN Thin, AML Almayashu, UCH Uchtoir, etc.

29d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, BVAR Borovoye Array, ZALV Zalesovo Beam, etc.

NNC 29 00:33:16.5:0.4, 43.46N:79.04E, h0km, mb2.7, mpv2.1, Error ellipse: s-maj=3.7km s-min=2.4km az=175.0

SOME 29 00:33:17.8:0.4, 43.40N:79.02E, h5km, Error ellipse: s-maj=3.7km s-min=2.4km az=175.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KPKS Kokepek, UZB Uzynbulak, PDGK Podgornoye, etc.

IDC 29 00:41:03.4:3.2, 40.02S:176.61E, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.8/2.1, mbtmtp3.9/3, ML3.7/1, MS3.0/1, Ms1.3/0.1, ms1mx2.6/2.4, Error ellipse: s-maj=7.24km s-min=2.7km az=125.0

WEL 29 00:41:07.8:0.4, 40.05S:176.5E:0.8, h16km, 1km, M3.9/12.4, ML4.3/17, MLv3.9/12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=67.3

ISC 29 00:41:07.6:0.9, 40.00S:176.57E:0.03, h27km, 6km, n143, s1818/153, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WPHZ Waipukurau, FXZ Pawanui, PRHZ Porangahau, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSRZ Hossack Road, MSWZ Moikau Station, HLHZ Highlands Stat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Uremera, URZ Matawai, etc.

HEL 29 00:52:43.0, 67.84N:20.20E, h0km, ML 1.6, Explosion

UPP 29 00:52:42.3:0.1, 67.86N:20.19E, h0km, ML2.4, Explosion, Sweden

ARCES ARCES Array B 146.69 342 PKPbc PKPbc 01 00 45.1 -0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ARCES ARCES Array B, KUA Kuravaara, etc.

UPP 29 00:52:46.4:0.1, 67.86N:20.20E, h0km, ML2.3, Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA Kuravaara, KUVU Salmi, NIKU Nikkaluokta, etc.

1600

Error ellipse: s-maj=16.1km s-min=5.5km az=158.0, AEIC 29 00:58:02.0:3.7, 52.5N:0.1, 170.56W:0.07, h23km, 4km, ML3.9, mb4.1/106(NEIC), Error ellipse: s-maj=15.2km s-min=4.7km az=163.0

ISC 29 00:58:01.4:1.1, 52.39N:0.09:170.51W:0.04, h55km, 8km, n238, s1821/241, mb4.2/59, MS3.0/5, 3C, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKFG Magazine Ridge, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like KNRA Kununurra, PSAA0 Piiba Seismi, MJAR Matsushiro Arr, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like PVCC Panska Ves, SULR Sulz, VOIR Voiron, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like VILC Vilca, TOLC Tolima, ANIL Anillo, etc.

Table with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like MGR, BULG, SCHR, etc.

NIED 29 01:53:00,36:40N,141:80E, h20km, Mw5.5 Best double couple: Mo=1.75000x10^17, NP1=22.00000, d74.00000, ...

BUI 29 01:53:53.4,0.0,36:46N,141:78E, h7km, Mb5.4/57, mb5.4/74, Ms5.5/91, Ms7.5/586

IDC 29 01:53:54.5,0.3,36:29N,141:73E, h0km, mb5.0/53, mb1.5/0.58, mb1mxs,0.6/9, mbtmps,0.5/8, ML4.6/5, MS5.1/40, Ms1.5/140, ms1mxs,0.4/6, Error ellipse: s-maj=10.0km s-min=8.2km az=103.0

MOS 29 01:53:55.7,1.1,36:44N,141:86E, h24km, mb5.5/98, MS5.3/53, Error ellipse: s-maj=6.1km s-min=3.9km az=109.6

NEIC 29 01:53:57.1,7.7,36:32N,141:78E, h20km, 1km, mb5.2/308, Ms_20.5/2.291, Mw5.4/64, Mw5.5(GCMT), Error ellipse: s-maj=10.4km s-min=9.0km az=90.0

JMA 29 01:53:57.6,0.3,36:37N,141:81E, h53km, M5.3 JMA Felt II J1

NEIC 29 01:53:57.3,36:35N,141:78E, h18km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.97; Mxx=0.40, Mxy=0.56, Myx=0.61, Myy=0.36, Mz=1.21, Fault plane solution: M1: 64.0000x10^17, NP1=29.11000, ...

GCMT 29 01:54:01.7,0.1,36:35N,141:78E, h23km, Mw5.5/152, Moment Tensor Solution. s119,c213; s152,c312; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mr=1.44, Mxx=0.15, Myy=0.29, ...

NEIC 29 01:54:03.36:32N,142:03E, h29km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=1.43; Mxx=0.08, Mxy=1.35, Myx=0.62, Myy=0.64, Mz=1.56, Fault plane solution: M2: 27.000x10^17, NP1=22.00000, ...

BGR 29 01:54:08.0,0.0,37:27N,140:13E, h33km, mb5.4 ISC 29 01:53:57.8,0.5,36:41N,141:83E, h19km, 2km, h20km, p-P, N1069, e1976/963, mb5.2/297, MS5.2/232, 82C-38D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like JHYU, JHYU, JHO, etc.

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like TEY, TEY, TEY, etc.

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like NJ2, NJ2, NJ2, etc.

29d 1h

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1606

BBOO	comp=Z,811nm,20.0s	IAMS_20	IAMS_20	02 34 13.9	
MAK	Makhachkala	69.10 308	eP	P	02 04 55.9 -6.6
MAK			e		02 07 29.6
MAK			eSS	S	02 13 56.0 -1.1
MAK			eSS	SS	02 18 28.8 -3.5
MAK	comp=Z,811nm,1.2s		pmx	pmx	
MAK			MLR	MLR	
MORW	Morawa	69.50 204	P	P	02 05 04.9 0.0
MORW			Iamb	Iamb	02 05 22.5
G05D	Wamic, OR	69.50 48	P	P	02 05 09.5 +4.6
FIA1	FINESS Array S	69.52 332	P	P	02 05 04.7 0.0
FINES	FINESS Array B	69.52 332	P	P	02 05 04.5 -0.2
FINES	comp=Z,35nm,1.0s,baz=57,slow=7.0,SNR=40		LR	LR	02 37 50.3
I04A	Tendick Farm,	69.58 50	P	P	02 05 09.8 +4.3
VSR	Storozhevoje	69.62 319	eP	P	02 05 05.1 -0.4
VSR			pmx	pmx	
VSR	comp=Z,90nm,1.6s		MLR	MLR	
L02E	Cave Junction	69.67 52	P	P	02 05 11.3 +5.3
VORD	Dinvogorie	69.69 319	eP	P	02 05 05.0 -0.9
VORD			pmx	pmx	
AKT	Akty	69.72 307	eP	P	02 05 06.2 -0.3
AKT			pmx	pmx	02 05 28.0
AKT	comp=Z,38nm,1.0s		pmx	pmx	
G06A	Carlson Farm,	69.92 48	P	P	02 05 10.3 +2.8
GROC	Groznyy	70.05 309	eP	P	02 05 05.1 -3.2
GROC			e		02 05 26.5
GROC	comp=Z,37nm,1.3s		pmx	pmx	
J04D	Umpqua Nationa	70.06 51	P	P	02 05 13.1 +4.5
M0R8	Moi Rana	70.06 304	eP	P	02 05 07.0 -1.0
E08A	Dider Farm, EJ	70.19 46	IAMS_20	IAMS_20	02 35 35.5
NEW	Newport	70.35 44	P	P	02 05 12.3 +2.2
NEW	comp=Z,11nm,0.9s,baz=302,slow=4.7,SNR=11		Iamb	Iamb	02 05 16.9
NEW	Newport	70.35 44	P	P	02 05 13.3 +3.2
YBH	Yreka Blue Hor	70.46 52	P	P	02 05 13.5 +2.5
YBH	comp=Z,6.3nm,1.0s,baz=224,slow=1.5,SNR=5.8		Iamb	Iamb	02 06 44.4
L04D	Klamath Falls	70.47 52	P	P	02 05 13.6 +2.5
LGD	Lagodeiki	70.49 308	P	P	02 05 11.1 +0.1
M02C	Callahan	70.55 53	P	P	02 05 16.7 +5.2
J05D	Fort Rock, OR	70.58 50	P	P	02 05 16.8 +5.1
E09A	Wood Farm, Sta	70.71 46	Iamb	Iamb	02 05 26.4
G0F	Goitsoyke	70.76 312	eP	P	02 05 12.9 +0.3
G0F			pmx	pmx	
N02D	Trinity Center	70.86 53	P	P	02 05 18.4 +4.9
M04C	Macdoel	70.99 52	P	P	02 05 18.4 +4.2
VSU	Vasula	71.16 330	eP	P	02 05 15.6 +0.8
VSU	Vasula	71.16 330	eP	P	02 05 15.2 +0.4
I07A	Ize	71.21 49	P	P	02 05 16.5 +0.9
O02D	Mt. Diabolo Mer	71.23 54	P	P	02 05 18.8 +3.1
GUDG	Gudauri	71.27 309	P	P	02 05 16.7 +0.7
SUMG	Summit	71.31 0	iP	P	02 05 16.0 0.0
SUMG	comp=Z,56nm,0.8s		pmx	pmx	
SUMG	Summit	71.31 0	P	P	02 05 16.1 +0.2
SUMG			Iamb	Iamb	02 05 33.7
ZEI	Tsey	71.45 310	eP	P	02 05 15.6 -1.5
ZEI			pmx	pmx	
TBLG	Delisi	71.50 308	P	P	02 05 17.8 +0.6
TBLG			pmx	pmx	
TBLG	comp=Z,29nm,1.1s		pmx	pmx	
TBLG	Delisi	71.50 308	P	P	02 05 17.8 +0.6
TBLG			Iamb	Iamb	02 05 31.1
KVAR	Kislovodsk Arr	71.56 311	P	P	02 05 18.9 +1.2
KBZ	Khabaz	71.56 311	P	P	02 05 17.7 +0.3
KBZ	comp=Z,27nm,1.0s,baz=82,slow=3.1,SNR=26		LR	LR	02 41 19.2
KIV	Kislovodsk	71.57 311	iP	P	02 05 18.7 +1.0
KIV	Kislovodsk	71.57 311	iP	P	02 05 18.0 +0.3
KIV	Kislovodsk	71.57 311	P	P	02 05 19.0 +1.3
KIV	Kislovodsk	71.57 311	eP	P	02 05 17.1 -0.6
KIV	Kislovodsk	71.57 311	eP	P	02 07 52.7
KIV	Kislovodsk	71.57 311	eS	SS	02 14 35.0 -0.8
KIV	Kislovodsk	71.57 311	eSS	SS	02 19 10.6 +0.3
KIV	comp=Z,213nm,1.1s		pmx	pmx	
KIV	comp=Z,259nm,4.3s		MLR	MLR	
KIV	Kislovodsk	71.57 311	P	P	02 05 18.0 +0.3
HOPS	Hopland Field	71.67 55	IAMS_20	IAMS_20	02 32 33.2
WALA	Waterton Lakes	71.68 42	Iamb	Iamb	02 07 49.7
BANOM	Banah	71.72 289	P	P	02 05 18.9 +0.1
BANOM	Banah	71.72 289	P	P	02 05 20.7 +1.9
BANOM	Banah	71.72 289	P	P	02 05 20.7 +1.9
BANOM	SNR=5.4		P	P	02 05 19.1 0.0
SHME	Paynes Creek	71.81 53	P	P	02 05 23.4 +4.3
O03E	Oni	71.84 310	P	P	02 05 20.4 +1.1
NEY	Neytrino	71.93 311	iP	pmx	02 05 19.4 -0.6
NEY			pmx	pmx	
GDXM	Geysers	71.95 55	IAMS_20	IAMS_20	02 32 50.6
NSS	Namsos	71.98 340	eP	P	02 05 19.9 +0.3
MDH	Madha	72.06 288	P	P	02 05 20.6 -0.1
MSFE	Esma-Masafi	72.13 289	iP	P	02 05 20.8 -0.5
HOQ	Hoqain	72.19 286	P	P	02 05 21.9 +0.3
HOQ	SNR=8.7		P	P	02 05 21.9 +0.3
JTMT	Jette	72.22 43	Iamb	Iamb	02 05 42.3
J08A	Circle Bar Ran	72.23 49	P	P	02 05 22.6 +0.9
J08A			Iamb	Iamb	02 05 52.1
UOSS	Minazif	72.32 288	iP	P	02 05 21.8 -0.5
UOSS	Minazif	72.32 288	P	P	02 05 22.0 -0.4
UOSS	Minazif	72.32 288	Iamb	Iamb	02 05 30.0
UOSS	comp=Z,24nm,1.0s		IAMS_20	IAMS_20	02 43 27.4
UOSS	Minazif	72.32 288	IAMS_20	IAMS_20	02 43 27.4
GNI	Garni	72.34 307	P	P	02 05 23.7 +1.2
GNI	comp=Z,20nm,1.2s,baz=216,slow=3.9,SNR=3.3		P	P	02 05 23.8 +1.3
GNI	Garni	72.34 307	P	P	02 05 23.8 +1.3
GNI	Garni	72.34 307	P	pmx	02 05 23.4 +0.9
GNI	comp=Z,108nm,1.6s		MLR	MLR	
GNI	comp=Z,2um,18.0s		MLR	MLR	

GNI	Garni	72.34 307	P	P	02 05 23.4 +0.9
GNI	Garni	72.34 307	IAMS_20	IAMS_20	02 39 49.0
ORV	Orovillo	72.40 54	P	pmx	02 05 24.4 +1.8
ORV	comp=Z,10.0nm,1.0s		pmx	pmx	
HATD	Hatta, Dubai	72.44 288	iP	P	02 05 22.8 -0.3
HATD	Hatta, Dubai	72.44 288	P	P	02 05 23.2 +0.2
HATD	SNR=16		P	P	02 05 23.2 +0.2
AKH	Akhalkalaki	72.45 309	iP	P	02 05 23.6 +0.5
AKH	Akhalkalaki	72.45 309	P	P	02 05 24.6 +1.5
AKH	Akhalkalaki	72.45 309	IAMS_20	IAMS_20	02 41 47.8
BGD	Bogdanovka	72.47 309	P	P	02 05 25.0 +1.7
SOHO	SOHO	72.50 287	P	P	02 05 23.7 +0.3
SOHO	SNR=11		P	P	02 05 23.7 +0.3
ASHO	Ashiyah	72.57 288	iP	P	02 05 23.3 -0.6
ASHO	SNR=17		P	P	02 05 24.7 +0.8
ASHO	SNR=12		P	P	02 05 24.7 +0.8
ASHO	SNR=13		P	P	02 05 24.7 +0.8
NWAO	Narogin (SRO)	72.71 202	P	P	02 05 22.3 -1.9
NWAO	comp=Z,12nm,1.0s,baz=30.0,slow=2.0,SNR=2.7		P	P	02 05 22.3 -1.9
BSY	Bisyra	72.73 286	P	P	02 05 24.5 -0.4
BSY			P	P	02 05 24.5 -0.4
SCO	Scoresbysund	72.77 354	iP	P	02 05 25.0 +0.8
SCO	Scoresbysund	72.77 354	iP	pmx	02 05 25.0 +0.8
SCO	comp=Z,22nm,1.2s		Iamb	Iamb	02 05 41.2
SCO	Scoresbysund	72.77 354	Iamb	Iamb	02 05 41.2
ARQ	Araqi	72.93 287	P	P	02 05 27.0 +0.9
ARQ	SNR=9.9		P	P	02 05 27.0 +0.9
MSO	Missoula	72.94 44	P	P	02 05 28.6 +2.8
BEKR	Beckworth	72.97 53	Iamb	Iamb	02 06 51.4
AFDM	Forest Hills D	73.08 54	IAMS_20	IAMS_20	02 33 43.2
MHTO	MHTO	73.08 284	P	P	02 05 26.1 -0.8
MHTO	SNR=6.4		P	P	02 05 26.1 -0.8
IZAR	Zarasai	73.11 328	eP	P	02 05 27.3 +0.8
MICGM	Minsg	73.12 326	eP	P	02 05 27.0 0.0
MICGM			eLR	LR	02 38 30.0
MICGM	comp=Z,5.4nm,20.0s		LR	MLR	02 41 10.0
MNK	Minsk	73.20 326	eP	P	02 05 27.0 0.0
ISAL	Salakas	73.28 328	eP	P	02 05 27.5 0.0
NACGM	Naroch	73.43 327	eP	P	02 05 29.0 +0.6
NACGM			eS	SS	02 15 06.0 +8.0
NACGM	comp=Z,5.4nm,20.0s		eSS	SS	02 20 18.0 +4.0
NACGM	Columbia Colle		eLQ	LQ	02 33 09.0
NACGM			eLR	LR	02 37 16.0
NACGM			LR	MLR	02 41 56.0
TBLU	Trondheim	73.45 339	eP	P	02 05 26.9 -1.5
BATM	Batumi	73.47 310	iP	P	02 05 29.6 +0.7
BATM	Batumi	73.47 310	P	P	02 05 31.8 +2.9
SLIT	Slitere, Latvi	73.49 331	eP	P	02 05 29.1 +0.4
SOC	Sochi	73.56 312	eP	P	02 05 28.8 -0.6
SOC			ePPP	PPP	02 09 55.1
SOC			eS	SS	02 14 56.8 -1.6
SOC			eSS	SS	02 19 42.8 +2.2
SOC	comp=Z,28nm,0.8s		MLR	MLR	
BCA	Borcka	73.61 310	iP	P	02 05 29.4 -0.4
PAHR	Pah Rah Range	73.68 53	Iamb	Iamb	02 05 50.1
MFID	comp=Z,21nm,1.2s		Iamb	Iamb	02 06 01.6
SAO	San Andreas Ge	73.96 56	IAMS_20	IAMS_20	02 29 30.8
CMB	comp=Z,89nm,18.0s		IAMS_20	IAMS_20	02 30 02.7
FFC	Flin Flon	74.05 33	P	P	02 05 32.3 +0.2
FFC			pmx	pmx	
FFC	comp=Z,16nm,0.9s		pmx	pmx	
FFC	Anapa	74.05 33	P	P	02 05 32.3 +0.2
ANN	Anapa	74.20 314	eP	P	02 05 34.1 -5.0
ANN			ePPP	PPP	02 05 34.6 -4.2
ANN			eS	SS	02 14 58.3 -1.2
ANN			eSS	SS	02 19 48.1 -2.1
ANN	comp=Z,55nm,0.9s		MLR	MLR	
ANN	comp=Z,3um,18.0s		MLR	MLR	
ANN	comp=Z,3um,18.0s		MLR	MLR	
ANN	comp=Z,2um,17.0s		MLR	MLR	
PABE	Paberze	74.24 328	P	P	02 05 33.0 -0.2
ILULI	Ilulissat	74.26 5	iP	P	02 05 33.7 +0.7
ILULI	comp=Z,33nm,1.0s		pmx	pmx	
ILULI	Ilulissat	74.26 5	iP	P	02 05 33.7 +0.7
ILULI	comp=Z,33nm,1.0s		Iamb	Iamb	02 05 36.4
ILULI	Ilulissat	74.26 5	Iamb	Iamb	02 05 36.4
WAKR	Walker	74.32 54	P	P	02 05 35.2 +1.0
WAKR			IAMS_20	IAMS_20	02 34 31.2
EGMT	Eagleton	74.52 41	Iamb		

29d 1h

Table with columns: STU, Location, Time, Az, El, Azimuth, Elevation, etc. Includes stations like Stuttgart, BCLA, D41A, 121A, etc.

2014 MAR

Table with columns: G47A, D51A, F49A, H47A, E51A, W50K, H48A, I47A, M5EY, TXAR, TXAR, TXAR, TXAR, S99A, ATD, R40A, J48A, D56A, J49A, U38A, H52A, D57A, HHAR, CCM, CCM, CCM, L48A, U40A, T42A, WHTX, FCAR, PBMO, MIAR, MIAR, L53A, O50A, M54A, T49A, ZAIG, KEST, TLIG, KMBO, CCIG, MBAR, SAM, LSZ, OBIP, SABA, LBTB, SDV, BOSB, TSUM, NNA, SNA, VNA2, VNA3, VNA1, SAML, SAML, PB12, LPAZ, LPAZ, MNMC, PATXC, G001, PB01, PB07, PB04, PB09, LVC, LVC, G004, ROC1, PLCA, BDFB, ATH, LKR, LKR, LKR, MRKA, MRKA, PROD, PROD, XOR, XOR, DSF, DSF, AOS, AOS. Includes station names and coordinates.

1608

Table with columns: Code, Station Name, Az, El, Time, Res, etc. Includes stations like Muntele Rosu, Ploiesti, etc.

1609

Table with columns for station name, frequency, and other identifiers. Includes stations like ARR Arges, SGRR Singureni, NEGR Negresti, etc.

2014 MAR

Table with columns for station name, frequency, and other identifiers. Includes stations like VLAD Vladia, MFTR Murfatlar, JVRJ Jurilovca, etc.

29d 1h

Table with columns for station name, frequency, and other identifiers. Includes stations like MDVR Moldovita, BZS Buzias, NDNV Novodnistrovsk, etc.

SBC	Santa Barbara	1.55	290	Pb	Pb	03 04 08.2 +0.2
LRMC	Laurel Mtn Rad	1.56	8	Pb	Pb	03 04 07.4 -0.8
LRMC	baz=188			S	Sb	03 04 27.8 +0.1
HEC	Hector, Ludlow	1.61	56	Pb	Pn	03 04 08.0 +0.7
HEC	baz=236, SNR=75			Pg	Pb	03 04 09.2 +0.3
HEC	baz=236			Sb	Sb	03 04 29.6 +0.6
BELC	Belle Mtn. Jos	1.62	87	Pb	Pn	03 04 07.7 +0.1
BELC	baz=268			Pg	Pb	03 04 09.1 -0.2
BELC	baz=268, SNR=564			Sb	Sb	03 04 30.3 +0.8
BAR	Barrett	1.64	139	Pn	Pn	03 04 07.6 -0.2
MONP2	Monument Peak	1.64	129	Pb	Pn	03 04 07.8 -0.2
MONP2	baz=310, SNR=95			Sb	Sn	03 04 29.4 +0.5
GSC	Goldstone, Bar	1.66	34	Pb	Pb	03 04 09.0 -0.9
GSC	baz=214, SNR=664			Sb	Sb	03 04 31.5 +1.0
ISA	Isabella, Lake	1.78	346	P	Pn	03 04 10.3 -1.6
ISA	Isabella, Lake	1.78	346	P	Pn	03 04 10.2 +0.4
ISA	baz=166			S	Sb	03 04 33.1 -1.0
PKM	Mcpherson Peak	1.82	302	Pb	Pb	03 04 12.0 -0.6
PKM	baz=121, SNR=39			Sb	Sg	03 04 37.4 -0.9
CLC	China Lake	1.90	9	Pn	Pn	03 04 11.9 +0.5
IKP	In-Ko-Pak, Jac	2.00	129	Pb	Pn	03 04 14.5 +1.7
IKP	baz=310			Sb	Sb	03 04 40.9 +0.6
SWSC	Sam W. Stewart	2.05	118	Pb	Pb	03 04 16.2 -0.2
SWSC	baz=299, SNR=45			Sb	Sb	03 04 43.2 +1.7
GMRC	Granite Mounta	2.07	65	Pn	Pn	03 04 14.2 +0.4
GMRC	baz=246, SNR=95			Pb	Pb	03 04 17.1 +0.2
GMRC	baz=246			Sb	Sg	03 04 45.0 -1.5
BC3	Big Chuckawall	2.09	97	Pn	Pn	03 04 14.5 +0.4
BC3	baz=278, SNR=180			Pb	Pb	03 04 17.2 0.0
BC3	baz=278			Sb	Sb	03 04 44.7 +1.6
VES	Vestal, Richgr	2.12	334	P	Pb	03 04 15.9 -1.8
VES	baz=153, SNR=48			S	Sb	03 04 41.9 -1.9
MPMC	Manual Prospec	2.15	10	Pn	Pn	03 04 15.6 +0.6
MPMC	baz=190, SNR=159			Pg	Pg	03 04 20.0 -1.1
MPMC	baz=190			Sb	Sg	03 04 48.4 -0.7
TUQ	Turquoise Moun	2.24	47	Pn	Pn	03 04 17.0 +0.8
TUQ	baz=228			Pg	Pb	03 04 20.9 +1.1
TUQ	baz=228, SNR=26			Sb	Sg	03 04 51.3 -0.6
IRM	Iron Mountain	2.34	84	Pn	Pn	03 04 17.0 -0.4
IRM	baz=265, SNR=145			Pg	Pb	03 04 22.0 +0.6
IRM	baz=265			Sb	Sb	03 04 52.8 +2.9
SHOC	Shoshone, Teco	2.40	34	Pn	Pn	03 04 19.2 +1.0
SHOC	baz=215, SNR=40			Pg	Pg	03 04 23.9 -1.7
SHOC	baz=215			Sb	Sg	03 04 55.2 -1.5
CWC	Cottonwood Cre	2.51	358	Pg	Pg	03 04 26.1 -1.6
CWC	baz=177			Sb	Sg	03 04 58.5 -1.8
PAGB	Antelope Grade	2.61	314	Pn	Pb	03 04 23.1 -3.0
FURC	Furnace Creek,	2.68	19	Pg	Pg	03 04 30.1 -1.0
GLA	Glamis	2.75	108	Pn	Pb	03 04 24.1 +1.0
GLA	Glamis	2.75	108	Pg	Pb	03 04 30.3 +1.8
Y12C	Blythe	2.85	93	Pn	Pn	03 04 24.6 +0.1
Y12C	Blythe	2.85	93	Pn	Pn	03 04 24.2 -0.2
Y12C	baz=274, SNR=22			Pg	Pb	03 04 31.2 +1.0
NEE2	Needles Airpor	2.88	72	Pn	Pn	03 04 26.3 +1.5
NEE2	baz=254, SNR=11			Sb	Sg	03 05 09.5 -2.6
GRAC	Grapevine Rang	3.10	9	Pn	Pn	03 04 29.9 +2.1
GRAC	baz=189			Pg	Pg	03 04 37.9 -1.1
TPNV	Topopah Spring	3.31	24	Pn	Pn	03 04 32.8 +1.8
TPNV	Topopah Spring	3.31	24	P	Pn	03 04 32.3 +1.3
TPNV	baz=205, SNR=28			Sb	Sg	03 05 24.7 -1.5
SHRP	Sheep Range	3.44	41	Pn	Pn	03 04 34.4 +1.8
W13A	Hualapai Mount	3.55	70	Pn	Pn	03 04 34.7 +0.4
W13A	Mohawk Valley,	3.69	107	Pn	Pn	03 04 37.3 +1.4
OMMB	Old Mammoth Mi	3.77	347	Pn	Pn	03 04 39.4 +2.0
MDPB	Devils Postpil	3.81	346	Pn	Pn	03 04 39.9 +2.1
SAO	San Andreas Ge	4.02	316	Pn	Pn	03 04 40.9 +0.4
W14A	Wickenburg	4.11	89	Pn	Pn	03 04 41.7 -0.1
NV11	Mina Array Sit	4.50	358	Pn	Pn	03 04 48.9 +1.7
NVAR	Mina Array Bea	4.50	356	Pn	Pb	03 04 50.0 +2.7
NVAR	0.2nm, 0.3s, baz=181, slow=14, SNR=2.9			Pg	Pb	03 05 01.4 +3.1
NVAR	1.1nm, 0.3s, baz=183, slow=16, SNR=1.6			Lg	Lg	03 06 02.1
NVAR	0.7nm, 0.3s, baz=189, slow=34, SNR=2.2			Pn	Pn	03 04 48.8 +1.5
NVAR	4.50 356			Pn	Pn	03 04 49.4 +1.5
CMB	Columbia Colle	4.55	335	Pn	Pn	03 04 52.0 +1.8
RYN	Ryan	4.71	354	Pn	Pn	03 04 51.7 +1.4
WAKR	Walker	4.72	346	Pn	Pn	03 04 52.1 +1.6
214A	Organ Pipe Nat	4.74	113	Pn	Pn	03 04 53.1 +1.7
R11A	Troy Canyon, C	4.80	23	Pn	Pn	03 05 10.0 -1.7
R11A	Troy Canyon, C	4.80	23	Pg	Pg	03 04 54.3 +1.4
LCMT	Little Creek M	5.11	359	Pn	Pn	03 04 57.6 +1.9
KVN	Kaiserville	5.15	349	Pn	Pn	03 04 57.5 +1.2
YERR	Yerington	5.19	45	Pn	Pn	03 04 58.2 +1.5
CCUT	Cedar City	5.19	52	Pn	Pn	03 04 58.2 +1.5
KNE	Kanab	5.26	60	Pn	Pn	03 04 59.3 +1.5
U15A	North Rim	5.32	346	Pn	Pn	03 05 03.4 +0.5
PNTR	Pine Nut	5.32	346	Pn	Pn	03 05 03.4 +0.5
WUAZ	Wupatki	5.64	72	Pn	Pn	03 05 05.1 +1.8
PSUT	Pine Spring	5.66	35	Pn	Pn	03 05 05.5 +1.7
PKCU	Pink Cliffs	5.77	51	Pn	Pn	03 05 13.2 +2.3
MTFU	Mount Pierson	6.53	44	Pn	Pn	03 05 17.3 +2.1
MSU	Marysville	6.53	44	Pn	Pn	03 05 18.0 +1.2
X18A	Snowflake	6.88	78	Pn	Pn	03 05 21.4 +1.4
W18A	Petrified Fore	7.13	17	Pn	Pn	03 05 26.2 +2.7
ELK	Elko	10.1	0.3s, baz=253, slow=14, SNR=2.1	Lg	Lg	03 07 23.3
ELK	0.1nm, 0.3s, baz=285, slow=16, SNR=5.0			Lg	Lg	03 05 25.1 +1.6
ELK	7.13 17			Pn	Pn	03 06 20.5 +4.0
PDAR	Pinedale Array	11.00	34	Pn	Pn	03 09 21.6
PDAR	0.0nm, 0.3s, baz=194, slow=14, SNR=2.0			Lg	Lg	03 09 21.6
PDAR	0.1nm, 0.3s, baz=213, slow=26, SNR=1.6			Lg	Lg	03 06 48.2 +4.4
TXAR	Lajitas Array	13.00	17	Pn	Pn	
TXAR	0.0nm, 0.3s, baz=287, slow=12, SNR=1.7					

mb1 4.0/4.0, mb1mx3.6/29, mb1mp3.8/4, ML3.5/2, Error ellipse: s-maj=39.9km s-min=26.7km az=73.0
 NEIC 29 03:03:46.9, 1.5, 20.04S:0.03:70.80W, 0.01, h5km, 5km, mb4.1/3, ML3.7(GUC), Error ellipse: s-maj=4.3km s-min=1.5km az=184.0
 GUC 29 03:03:48.2, 0.7, 20.03S:70.80W, h33km, 3km, ML3.7
 ISC 29 03:03:45.8, 1.4, 20.03S:0.02:70.84W, 0.05, h1km, 10km, n66, a1500/93, mb4.0/4, 10C-5D, Near coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PSGC	Pisagua	0.80	58	Op	ISC	03 04 02.0 -0.4	
PSGC				iS	Pb	03 04 12.7 -1.1	
PSGC	Pisagua	0.80	58	eP	Sb	03 04 02.0 -0.5	
PSGC	Pisagua	0.80	58	eP	Sb	03 04 02.1 -0.5	
PSGCX				eS	Pb	03 04 12.3 -1.5	
PSGCX				iS	Pb	03 04 13.9	
TA01	comp=Z, 2jμm, 0.3s	0.82	131	iP	Pb	03 04 02.7 -0.1	
TA01	Diego Aracena			iS	Pb	03 04 13.7 -0.6	
TA01	Punta Patache	1.02	141	iP	Pg	03 04 06.0 +0.7	
PATCX				iS	Pb	03 04 29.4	
PATCX	comp=E, 3jμm, 0.6s	1.02	141	iP	Pg	03 04 06.0 +0.7	
PATCX	Punta Patache			eP	Pg	03 04 06.1 +0.7	
PATCX	Punta Patache	1.02	141	eP	Pg	03 04 20.9 -1.4	
PATCX				eS	Pb	03 04 24.7	
PB11	comp=Z, 2jμm, 0.5s	1.14	77	iP	Pg	03 04 07.9 +0.2	
PB11	IPOC Station P			iS	Sb	03 04 23.0 -0.9	
PB11	IPOC Station P	1.14	77	eP	Pg	03 04 07.8 +0.2	
PB11	IPOC Station P	1.14	77	eP	Sb	03 04 07.9 +0.2	
PB11				eS	Sb	03 04 23.2 -0.6	
PB11				iS	Pb	03 04 25.2	
MNMC	Minye Minye	1.47	53	iP	Pn	03 04 13.4 -0.3	
MNMC				iS	Pn	03 04 33.0 0.0	
MNMC	Minye Minye	1.47	53	eP	Pb	03 04 13.7 -0.4	
MNMCX	Minye Minye	1.47	53	eP	Pb	03 04 13.4 -0.3	
MNMCX				eS	Sg	03 04 34.1 +1.0	
MNMCX				iS	Pb	03 04 38.6	
PB12	IPOC Station P	1.48	19	iP	Pn	03 04 13.4 -0.3	
PB12				iS	Pn	03 04 33.5 -0.1	
PB12	IPOC Station P	1.48	19	eP	Pn	03 04 13.7 0.0	
PB12	IPOC Station P	1.48	19	eP	Sg	03 04 13.9 -0.3	
PB12				eS	Sg	03 04 33.6 +0.1	
PB12				iS	Pb	03 04 36.0	
PB02	IPOC Station P	1.56	146	iP	Pn	03 04 14.7 0.0	
PB02				eS	Pb	03 04 35.2 -0.6	
PB02	IPOC Station P	1.56	146	eP	Pn	03 04 14.8 0.0	
PB02				eS	Sg	03 04 36.9 +0.4	
PB02				iS	Pb	03 04 39.2	
GO01	comp=Z, 3jμm, 0.3s	1.58	77	iP	Pb	03 04 15.5 -0.7	
GO01	Chusmiza			iS	Pb	03 04 36.8 0.0	
GO01	Chusmiza	1.58	77	iP	Pn	03 04 15.5 -0.7	
PB08	IPOC Station P	1.58	94	iP	Sb	03 04 15.4 0.0	
PB08				iS	Sb	03 04 36.2 -0.7	
PB08	IPOC Station P	1.58	94	eP	Sb	03 04 15.3 0.0	
PB08				eS	Sg	03 04 37.3 +0.5	
PB08				iS	Pb	03 04 38.5	
PB01	comp=Z, 403nm, 0.4s	1.62	129	iP	Pn	03 04 15.5 -0.1	
PB01	IPOC Station P			iS	Pn	03 04 36.6 -1.0	
PB01				iS	Pn	03 04 41.5	
PB01	comp=E, 2jμm, 0.3s	1.62	129	iP	Pn	03 04 15.3 -0.3	
PB01	IPOC Station P			eP	Pn	03 04 15.8 +0.2	
PB01				eS	Sb	03 04 36.5 -1.0	
PB01				iS	Pb	03 04 40.8	
AP01	comp=Z, 527nm, 0.4s	1.71	16	eP	Pb	03 04 17.7 -0.4	

Table with columns for station name, frequency, power, and other technical details. Includes stations like DECC Green Verdugo, RSBC Riverside Bore, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LRMCC baz=188, HEC Hektor, LRMCC baz=188, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like I02D Swisshome, H04D Lebanon, Q24A Divide, and many others.

29d 4h

Table with columns: Property ID, Name, Comp, Zoning, Area, Price, Status, Date, and other details. Includes properties like Bella Bella, Magazine, W39A Magazine, etc.

2014 MAR

Table with columns: Property ID, Name, Comp, Zoning, Area, Price, Status, Date, and other details. Includes properties like Springfield, Fort Pain, R49A Shelbyville, etc.

1614

Table with columns: Property ID, Name, Comp, Zoning, Area, Price, Status, Date, and other details. Includes properties like Evansville, Cherokee Point, N52A McGinn's Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like M56A Emporium, U58A Oxford, K55A Perry, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TCOL CIGO, UAF Yank, POKR POKER, PPLA Pura, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ comp=Z,4.3nm,1.0s, LPAZ comp=Z,232nm,20.3s, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like MORW Morawa, PCJ1 Pacitan, SBUM Sibul, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like RTZ Shannon Statio, SNGZ Shannon Statio, SNGZ Shannon Statio, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISA, Isabella, Lake, baz=166, SNR=42, 1.81 345 P, Pn, 04 31 22.8 -0.5

MAN 29 04:30:32.1, 9.19N, 126.33E, h28km, mb4.6, ML3.5, MS3.4
DC 29 04:30:41.6, 5.5, 8.88N, 125.53E, h148km, mb3.4/3,
mb1 3.6/3, mb1mx3.2/2, mbtmp3.9/3, Error ellipse:
s-maj=211.5km s-min=29.9km az=69.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISA, Isabella, Lake, baz=166, SNR=42, 1.81 345 P, Pn, 04 31 22.8 -0.5

SCED2 29 04:30:52.0, 33.92N, 117.93W, h4km
ANF 29 04:30:51.3, 0.2, 33.90N, 117.93W, h12km, 1km, ML3.7/41,
Error ellipse: s-maj=1.2km s-min=1.1km az=164.0
IDC 29 04:30:51.2, 2.2, 33.77N, 117.90W, h0km, mb3.1/2,
mb1 3.4/5, mb1mx3.3/5, mbtmp2.9/5, ML3.3/3, Error ellipse:
s-maj=28.1km s-min=9.6km az=43.0

Main table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISA, Isabella, Lake, baz=166, SNR=42, 1.81 345 P, Pn, 04 31 22.8 -0.5

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISA, Isabella, Lake, baz=166, SNR=42, 1.81 345 P, Pn, 04 31 22.8 -0.5

1619

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ROSC El Rosal, GUY2C Guyana, VILC Villavicencio, etc.

2014 MAR

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LPAZ Colider, GOGA Godfrey, Y55A Saluda, etc.

29d 4h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like N55A Marion Center, T42A Van Buren, O51A Patoka, etc.

Table with columns: YFWS, VAO, ALGA, etc. containing station names, coordinates, and status indicators.

Table with columns: SNOW, TPNV, R11A, etc. containing station names, coordinates, and status indicators.

OMAN 29:04:44.05:0.0,3,17.54N,59.78E, h34km,84km, m3,8/7, Error ellipse: s-maj=14.7km s-min=3.6km az=359.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data for OMAN.

NIED 29:04:51.30:3.1,2,36:32N,142:05E, h0km, mb3.5/7, mb1 3.6/10, mb1mx3.5/47, mbmp3.6/10, ML3.3/3, Error ellipse: s-maj=27.0km s-min=21.1km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data for NIED and other stations.

Table with columns: YKA, NB2, NOA, containing station names and coordinates.

NIED 29:04:53.00:36:40N,141:80E, h20km, Mw4.2 Best double couple: M2:46000*1019, N1:19,34,200000*, 872,00000*, 782,00000*, NP2:197,00000*, 823,00000*, 1,17,00000*, IDC 29:04:53:42.0:3.0,36:33N,141:87E, h0km, mb4.0/21, mb1 4.1/26, mb1mx1.1/52, mbmp4.0/26, ML3.7/3, MS3.7/4, Ms1 3.7/4, ms1mx3.1/49, Error ellipse: s-maj=16.1km s-min=12.4km az=108.0

JMA 29:04:53:46.2:0.3,36:33N:141:82E, h58km, M3.8 NEIC 29:04:53:46.7:1.9,36:26N:142:00E, h0.08, h33km,2km, mb4.4/4, Error ellipse: s-maj=9.8km s-min=7.9km az=97.0

MOS 29:04:53:46.7:1.2,36:42N:141:98E, h44km, mb4.5/21, Error ellipse: s-maj=10.2km s-min=6.5km az=118.9

ISC 29:04:54:25.0:2.0,36:36N:142:00E, h0.05, h19km, n122, mb4.8/120, mb4.2/33, 6C:42 Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data for various stations including CHOU, JHYU, ONAJ, etc.

29d 5h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Cedars of Leba, Cherokee Point, Yellville, Hobbs, etc.

2012 MAR

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Fremont, Blue Knob Stat, Blue Knob Stat, etc.

1622

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Agassiz Nation, Mina Array Bea, Mina Array Bea, etc.

IASPEI 29 05:37:13.7±0.8, 33°39'N, 02°11'78"W, 0.01, h17km, 5km, Error ellipse: s-maj=1.4km s-min=1.9km az=24.2, GTS selection from ISC bulletin GT5 identified by Bondr and McLaughlin, A 2009 selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

ANF 29 05:37:13.4±0.1, 33°39'N, 117°90'W, h9km, 1km, ML3, 1/24, Error ellipse: s-maj=1.3km s-min=1.1km az=28.0

NEIC 29 05:37:13.7±1.3, 33°39'N, 01°11'78"W, 0.01, h19km, 1km, Error ellipse: s-maj=1.5km s-min=1.4km az=165.0

PAS 29 05:37:14.1±2.1, 33°39'N, 00°08'11'78"W, 0.006, h4km, 4km, ML3, 1/24, Error ellipse: s-maj=1.2km

SCEDC 29 05:37:14.0, 33°39'N, 117°88'W, h1km, Error ellipse: s-maj=1.4, 0.8, 33°39'N, 01°11'78"W, 0.01, h18km, 3km, n137, s1903/185, Southern California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like Fullerton, BREC, DLAC, etc.

CIAC Catalina I. Ai	0.67	220	Pg	05 37 27.0	-0.3
CIAC Catalina Islan	0.68	220	P	05 37 27.0	-0.4
CIS baz=40			S	05 37 36.3	-0.1
SVD Seven Oaks Dam	0.69	74	Pg	05 37 27.5	-0.1
OAT Oat Mountain	0.73	306	Pg	05 37 28.1	-0.4
ADO Adelanto Recei	0.74	31	Pg	05 37 27.9	-0.7
SBB Saddle Back Bu	0.77	4	Pg	05 37 28.2	-1.0
BACC Bachelor Mtn	0.77	113	Pg	05 37 28.2	-1.0
DGR Domenigoni Val	0.78	110	Pg	05 37 28.4	-1.0
LEOC Leona Valley	0.79	334	Pg	05 37 27.9	-1.6
BLTC Butler Peak	0.81	65	Pg	05 37 29.2	-0.8
ALP Antelope	0.84	336	Pg	05 37 29.3	-1.2
BBRC Big Bear Solar	0.88	67	Pg	05 37 30.3	-0.9
BBRC Big Bear Solar	0.88	67	Pg	05 37 30.3	-0.9
GORC Green Oak Ranc	0.94	144	Pg	05 37 30.7	-1.7
GORC Green Oak Ranc	0.94	144	Pg	05 37 30.7	-1.7
BURC Burnt Peak	0.95	324	Pg	05 37 31.1	-1.5
PYR Pyramid	0.96	313	Pg	05 37 32.1	-0.6
EDW2 Edwards Air Fo	0.96	355	Pg	05 37 31.5	-1.4
EDW2 Edwards Air Fo	0.96	355	Pg	05 37 31.4	-1.4
BALC Balcom Canyon	0.97	294	Pg	05 37 32.5	-0.5
OSI Osoito Audit: C	0.98	315	Sg	05 37 31.6	-1.5
OSI Osoito Audit: C	0.98	315	Sg	05 37 31.6	-1.5
HYS Haystack Butte	0.98	16	Pg	05 37 32.0	-1.1
BLG Laguna Peak, P	0.99	281	Pg	05 37 46.1	-0.3
BLG Laguna Peak, P	0.99	281	Pg	05 37 31.8	-1.6
BLG baz=100			S	05 37 45.9	-0.5
CRY Cary Ranch	1.02	110	Pg	05 37 33.4	-0.6
CRY Cary Ranch	1.02	110	Pg	05 37 33.4	-0.6
PLM Palomar	1.03	123	Pg	05 37 32.6	-1.5
PLM Palomar	1.03	123	Pg	05 37 46.9	-0.7
SBI Santa Barbara	1.04	246	Pg	05 37 33.4	-0.9
BZNA Buzz No.'s Pla	1.11	112	Pg	05 37 34.5	-1.1
BZNA Buzz No.'s Pla	1.11	112	Pg	05 37 34.5	-1.1
DUNN Dunn Ranch,Anz	1.11	108	Pg	05 37 35.4	-0.2
SNDNA J Saunders Pla	1.13	109	Pg	05 37 35.4	-0.6
SNDNA J Saunders Pla	1.13	109	Pg	05 37 50.6	+1.1
FRD Ford Ranch, An	1.16	111	Pg	05 37 35.5	-0.1
FRD Ford Ranch, An	1.16	111	Pg	05 37 50.5	-1.1
FRD Ford Ranch, An	1.16	111	Pg	05 37 50.5	-1.1
TRC Tehachapi Micr	1.18	327	Pg	05 37 35.2	-1.7
HWB Edison Werner Br	1.18	139	Pg	05 37 34.6	-1.4
HWB Edison Werner Br	1.18	139	Pg	05 37 50.9	-0.1
RRX RRX	1.21	38	P	05 37 36.4	-0.1
DPP Dos Picos Cty	1.21	139	Pb	05 37 35.1	-1.1
DPP Dos Picos Cty	1.21	139	Pb	05 37 52.5	+0.7
109C Camp Elliot, M	1.22	147	P	05 37 35.5	-0.8
109C Camp Elliot, M	1.22	147	P	05 37 35.5	-0.8
109C baz=328			S	05 37 51.6	-0.4
CPE Camp Elliot	1.22	147	Pb	05 37 35.5	-0.7
CPE Camp Elliot	1.22	147	Pb	05 37 51.3	-0.3
PFO Pinyon Flats O	1.23	104	Pn	05 37 36.6	+0.1
PFO Pinyon Flats O	1.23	104	Pn	05 37 36.5	+0.1
PFO Pinyon Flats O	1.23	104	Pn	05 37 36.7	+0.1
PFO baz=285			S	05 37 53.3	+0.8
EW2 E Wide Canyon	1.23	89	Pn	05 37 36.9	+0.4
EW2 E Wide Canyon	1.23	89	Pn	05 37 53.4	+0.9
XPFO Pion Flat	1.23	104	Pn	05 37 36.7	+0.1
XPFO Pion Flat	1.23	104	Pn	05 37 36.2	+0.2
BLAC Blackrock camp	1.26	83	Pn	05 37 37.2	+0.3
TJR Tejon Ranch	1.31	328	Pn	05 37 38.0	+0.4
TJR Tejon Ranch	1.31	328	Pn	05 37 55.1	+0.3
DTP Desert Tortois	1.35	2	Pn	05 37 38.2	+0.1
EML El Monte City P	1.35	139	Pn	05 37 38.2	+0.2
EML El Monte City P	1.35	139	Pn	05 37 51.9	+0.2
MPI Mount Pinos, F	1.37	311	Pn	05 37 39.1	+0.5
MPI Mount Pinos, F	1.37	311	Pn	05 37 57.4	+0.7
SDRC San Diego Road	1.42	146	Pn	05 37 38.9	-0.1
SDRC San Diego Road	1.42	146	Pn	05 37 56.8	-0.5
ARVC Arvin	1.43	328	Pn	05 37 39.8	+0.0
ARVC Arvin	1.43	328	Pn	05 37 58.2	+1.2
ARVC Arvin	1.43	328	Pn	05 37 39.8	+0.6
ARVC baz=147			S	05 37 58.8	+1.2
TEJ El Tejon	1.47	334	Pn	05 37 40.8	+1.1
OLP Otay Lakes Par	1.54	148	Pn	05 37 59.6	-0.4
TPC Twentynine Pal	1.54	82	Pn	05 37 42.2	+1.4
LRMC Laurel Mtn Rad	1.57	6	S	05 38 01.4	+0.4
BELO Belle Mtn. Jos	1.58	86	Pn	05 37 41.7	+0.4
BELO Belle Mtn. Jos	1.58	86	Pn	05 38 03.6	+1.1
HEC Hecator Ludlow	1.58	54	Pn	05 37 41.7	+0.4
MONP2 Monument Peak	1.60	129	Pn	05 37 42.5	+0.9
MONP2 Monument Peak	1.60	129	Pn	05 37 42.0	+0.3
MONP2 baz=311			S	05 38 03.4	+1.4
BAR Barrett	1.60	140	Pn	05 37 41.4	-0.1
BCW Bitter Crk WRG	1.62	309	Pn	05 37 42.7	+0.8
GSC Goldstone, Bar	1.65	33	Pn	05 37 43.2	+1.0
GSC Goldstone, Bar	1.65	33	Pn	05 37 42.9	+0.4
GSC Goldstone, Bar	1.65	33	Pn	05 37 43.1	+0.9
GSC baz=213			S	05 38 05.5	+1.1
CCCA Chr Cany lake	1.66	15	Pn	05 37 43.1	+0.7
CBKC Canebake	1.71	126	Pn	05 37 44.4	+1.4
ISA Isabella, Lake	1.81	345	Pn	05 37 44.9	+0.4
ISA Isabella, Lake	1.81	345	Pn	05 37 44.8	+0.4
ISA baz=164			S	05 38 07.8	+0.8
PKM Mcherson Peak	1.86	302	Pn	05 37 46.2	+0.9
CRR Carrizo Plain	1.91	122	Pb	05 37 49.0	+0.6
FIGC Figueroa Mtn.	1.91	296	Pn	05 37 46.1	+0.2
IKTP In-Ko-Pah, Jac	1.96	130	Pb	05 37 48.7	+2.2
IKP baz=311			S	05 38 13.9	+0.6
SWSC Sam W. Stewart	2.00	118	Pb	05 37 50.5	+0.6
SWSC baz=300			Sb	05 38 16.7	+2.2
VES Vestal, Richgr	2.15	333	S	05 38 17.5	+2.1
SMMC Simmler	2.23	309	Pn	05 37 50.5	+0.4
ESJX Sierra Juarez	2.51	139	Pb	05 37 53.6	-0.6
ESJX Sierra Juarez	2.51	139	Pb	05 37 57.9	-0.8
PAGB Antelope Grade	2.65	314	Pn	05 37 58.0	+2.0
GLA Glamis	2.70	108	Pn	05 37 59.2	+2.5
TPNW Topopah Spring	3.31	23	Pn	05 38 06.6	+1.4
PMFB Monarch Peak	3.31	315	Pn	05 38 06.9	+1.8
SHRP Sheep Range	3.42	40	Pn	05 38 09.1	+1.5
W13A Hualapai Mount	3.51	69	Pn	05 38 08.3	+0.3
Y14A Wickenburg	4.06	88	Pn	05 38 16.4	+0.9
RYN Ryan	4.73	354	Pn	05 38 40.9	-3.8
RT1A Troy Canyon, C	4.80	22	Pn	05 38 27.5	+1.8
RT1A Troy Canyon, C	4.80	22	Pn	05 38 43.3	+2.6
LCMT Little Creek M	4.89	50	Pn	05 38 28.6	+1.8
KNB Kanab	5.17	52	Pn	05 38 32.5	+1.9
U15A North Rim	5.23	60	Pn	05 38 33.3	+1.7

JOPP Joppo	0.44	263	S	05 40 56.0	+1.5
JOPP Joppo	0.44	263	S	05 40 56.0	+1.5
MCSR Castoreale	0.48	205	P	05 40 40.2	+0.1
MCSR Castoreale	0.48	205	P	05 40 55.0	-0.1
MCSR comp=N,100um,1.6s			AML		
MCSR comp=N,100um,0.9s			AML		
MTTG Motta San Giov	0.52	163	P	05 40 40.3	0.0
MTTG Motta San Giov	0.52	163	P	05 40 55.3	0.0
MTTG Motta San Giov	0.52	163	P	05 40 40.3	+0.1
MTTG Motta San Giov	0.52	163	P	05 40 54.6	-0.6
AIO Antillo	0.57	202	P	05 40 41.0	+0.4
AIO Antillo	0.57	202	P	05 40 56.0	+0.1
MPAZ Palizzi	0.68	144	P	05 40 41.1	-0.1
MPAZ Palizzi	0.68	144	P	05 40 41.2	0.0
MPAZ Palizzi	0.68	144	P	05 40 54.9	-2.1
PLAC Placancia	0.73	94	P	05 40 41.4	+0.1
PLAC Placancia	0.73	94	P	05 40 57.4	-0.3
GIRI Girifalco	0.78	66	S	05 40 55.0	+0.5
GRI Girifalco	0.78	66	S	05 40 55.0	+0.5
CARI CAROLEI	0.93	36	P	05 40 43.2	0.0
CARI CAROLEI	0.93	36	P	05 40 43.2	0.0
CARI CAROLEI	0.93	36	P	05 40 59.9	-0.7
SERS Sersale	1.07	60	P	05 40 45.0	+0.5
SERS Sersale	1.07	60	P	05 40 41.2	0.0
CET2 Cetraro	1.08	19	P	05 40 45.1	+0.6
CET2 Cetraro	1.08	19	P	05 41 02.8	-0.3
comp=E,115um,1.0s			AML		
CET2 comp=N,128um,0.5s			AML		
comp=E,114um,1.0s			AML		
TIP Timpagrande	1.19	55	P	05 40 44.1	+0.5
TIP Timpagrande	1.19	55	P	05 40 04.9	0.0
TIP Timpagrande	1.19	55	P	05 40 45.7	+0.1
TIP baz=100			END		
T0702 Acquafredda	1.30	20	P	05 40 47.1	+0.4
T0702 Acquafredda	1.30	20	P	05 41 06.6	-0.3
SALB San Lorenzo Be	1.52	25	Pn	05 40 42.5	+0.5
CDRU Civita di Ruta	1.99	356	S	05 41 19.0	-1.9
ACER Acerenza	2.31	8	S	05 41 26.0	-1.7
ACER Acerenza	2.31	8	S	05 41 22.0	-5.7
AMUR Altamura	2.55	19	S	05 41 32.0	-1.0
NOCI Nocera	2.58	27	S	05 41 33.0	-0.7
PAOL Paolisi	2.83	34	S	05 41 47.0	+1.2
PTRJ Pietraroja	2.96	346	S	05 41 49.0	+6.6
VAGA Valle Agricola	3.07	342	S	05 41 42.0	-2.9
VAGA Valle Agricola	3.07	342	S	05 41 43.0	-1.9
RMP Rome, Mte Porz	3.94	328	S	05 42 12.0	+6.8
VLS Valsamata	4.01	93	S	05 42 12.0	+5.1
FIAM Fiamignano	4.18	335	S	05 42 14.0	+3.0
STON Ston	4.67	20	S	05 42 21.0	-1.5
ARVD Arcevia	5.35	340	P	05 41 40.3	+2.2
FSSB Fossombrone	5.58	339	P	05 41 45.9	+4.8

ICD 29 05:43:35.9 1.7 5.45S-152.66E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.6/39, mb1mp3.8/5, ML1.9/1, Error ellipse: s-maj=35.0km s-min=18.5km az=103.0, New Britain region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
KRVT	Keravat (AS076)	1.30 331	Op Pn	05 44 02.2	+0.8
KRVT	493nm,0.3s,baz=193,slow=9.9,SNR=25		Sn	05 44 19.8	+0.2
KRVT	223nm,0.3s,baz=294,slow=24,SNR=6.0		LR LR	05 44 30.3	
PMG	comp=Z,256nm,21.7s,baz=12,slow=42		Pn	05 45 18.1	+2.1
PMG	1.4nm,0.3s,baz=341,slow=4.2,SNR=4.4		Sn	05 46 33.1	-0.3
PMG	2.1nm,0.3s,baz=308,slow=16,SNR=3.4		Sn	05 48 41.0	-0.7
WRA	Warramunga Arr	22.92 229	P	05 49 07.6	+0.6
ASAR	Alice Springs	25.58 523	P	05 49 07.6	+0.6
FITZ	Fitzroy Crossi	29.23 242	P	05 49 38.1	-1.6
ILAR	Eileison Array	82.81 22	P	05 56 01.8	-0.1

PDG 29 05:45:28.0 0.4, 34.78N, 22.09E, h11km, 3km, ML4.5/12, Error ellipse: s-maj=3.0km s-min=2.6km az=90.0
HLW 29 05:45:31.3 0.35, 7.7N, 22.63E, h29km, 35km, M04.6, M4.9
MOS 29 05:45:32.5 1.2, 34.9N, 22.51E, h16km, mb4.3/16, Error ellipse: s-maj=7.3km s-min=3.6km az=79.4

ICD 29 05:45:33.2 0.1, 35.16N, 22.65E, h0km, mb3.9/18, mb1 4.0/30, mb1mx3.9/70, mb1mp3.9/30, ML3.8/11, MS3.4/11, Ms1 3.4/11, ms1mx3.0/51, Error ellipse: s-maj=22.1km s-min=12.2km az=16.0
ATH 29 05:45:34.8, 35.02N, 22.50E, h30km, 7km, ML3.9/16, Error ellipse: s-maj=7.2km s-min=1.2km az=260.0
NEIC 29 05:45:34.2 2.9, 34.98N, 0.09, 22.52E, 0.06, h15km, 5km, Error ellipse: s-maj=12.8km s-min=6.8km az=194.0
THE 29 05:45:36.2, 35.01N, 22.47E, h15km, 3km, ML3.9/12, Error ellipse: s-maj=1.1km s-min=0.7km az=224.0
GIL 29 05:45:42.0 0.3, 34.59N, 23.19E, h40km, mb4.2/4, MD4.0/4, Mm4.4/1

ICD 29 05:45:35.0 0.1, 34.98N, 0.04, 22.41E, 0.04, h24km, 7km, n363, e290/379, mb4.0/33, MS3.4/6, 16C-16D, Central Mediterranean Sea

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
ANKY	Antikythira Is	1.14 39	Op P	05 45 56.0	+0.1
ANKY	Antikythira Is	1.14 39	P	05 46 09.8	-0.8
ANKY	Antikythira Is	1.14 39	Sb	05 46 09.8	-0.8
ANKY	Antikythira Is	1.14 39	AML	05 46 20.0	
ANKY	comp=E,2006				

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29D 5h

Table with columns: Call Sign, Name, Time, Power, Status, and Frequency. Includes stations like LIT, YER, AYD, TUR, DAL, MAT, etc.

Table with columns: Call Sign, Name, Time, Power, Status, and Frequency. Includes stations like KEST, HNTI, UDBI, MLR, etc.

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Table with columns: Call Sign, Name, Time, Power, Status, and Frequency. Includes stations like AKKB, MAL, COL, etc.

BGR 29 07:47:06.7 0.0 12N:18.79W,h33km,mb5.2
ISC 29 07:46:49.7 0.3 0.87S:0.015 21.82W,0.005,h10km,n713,
c1990/607,mb5.2/198,MS5.2/192,26C-33D,Central

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like H10N3, H10N2, H10N1, ASCENSION HYDRO, RIACHUELO, etc.

Table with columns: CPUP, Villa Florida, Casimiro, Conde, PCAS, PCAS, PCBR, etc. Rows include stations like Villa Florida, Casimiro, Conde, Coimbra, etc.

Table with columns: VLC, comp=Z,2um,18.0s, IAMS_20, IAMS_20, 08 17 49.9, etc. Rows include stations like AQU, L'Aquila, INTR, Ortegua, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GRF Grafenberg Arr, ARSA Arzberg, ESK Eskdalemuir, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PVCC Panska Ves, BUD Budapest, VRAC Vranov, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BRTR Keskin Array B, KIS Kishinev, KONO Kongsberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes entries for Pisagua, Diego Aracena, Minye Minye, Chacalluta, Punta Patache, Chusmiza, IPOC Station P, etc.

Table with columns: PTGA, Pitinga, 21.52 31 P, P, 09 00 27.6 -1.9, and various station details. Includes entries for Yellowknife Arr, WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, etc.

Table with columns: SHGR, Shooshtar-Gavs, 2.02 254 ePg, Pn, 09 02 41.1 +2.1, and various station details. Includes entries for KHMZ, KHMZ, KHMZ, KHMZ, KHMZ, KHMZ, etc.

29d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAVA Damules, NOA NORSTAR Array B, SCHQ Schefferville.

IDC 29 09:13:54.8, 1.6, 2.02S, 141.20E, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.6/46, mbtrmp3.7/9, ML3.7/1, Error ellipse: s-maj=63.1km s-min=20.2km az=99.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs.

PGC 29 09:46:43.2, 0.4, 52.51N, 132.201W, h17km, ML3.8/17, 83km Ssw of Sandspit, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNB Barry Inlet, HGB3 Hotspring, HGB1 Mitchell Dam, MOBC Moresby Island.

SJA 29 09:47:19.4, 0.7, 35.566S, 74.24W, h10km, ML3.2, MW2.9 GUC 29 09:47:20.3, 0.6, 36.04S, 74.11W, h34km, 6km, ML3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCSP San Pedro de C, BI03 Tigo, LAJA Laja, G005 Huala.

NEIC 29 10:02:46.4, 1.7, 20.03S, 02:70.84W, 0.04, h10km, 1km, mb4 1/6, Mwr3.9/41, ML4.1(GUC), Error ellipse: s-maj=6.8km s-min=3.9km az=273.0

IDC 29 10:02:46.8, 0.7, 19.95S, 70.65W, h0km, mb3.9/6, mb1 4.2/8, mb1mx4.0/22, mbtrmp4.0/8, ML4.0/2, Error ellipse: s-maj=24.1km s-min=14.6km az=64.0

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-8.7152, Plg19.0000, Azm196.0000; GUC 29 10:02:48.0, 0.8, 20.02S, 70.79W, h31km, 2km, ML4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PASC Pisagua, PASC Pisagua, PASC Pisagua.

comp=E,10um,0.4s PATCX Punta Patache 1.00 142.0 I/S Sg

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PATCX Punta Patache, PB11 IPOC Station P, PB11 IPOC Station P.

comp=N,1um,0.6s GO01 Chusmiza 1.57 77.0 I/S Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GO01 Chusmiza, GO01 Chusmiza, GO01 Chusmiza.

comp=E,3um,0.3s PB01 IPOC Station P 1.60 129.0 I/S Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, AP01 Chacalluta, AP01 Chacalluta.

comp=E,2um,0.5s PB07 IPOC Station P 1.90 153.0 I/S Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB07 IPOC Station P, PB16 IPOC Station P, PB16 IPOC Station P.

comp=E,26um,0.3s LVC Limon Verde 3.12 146.0 Pn Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LPAZ La Paz, LPAZ La Paz.

comp=E,1.6um,0.3s PLCA Paso Flores 20.64 179.0 Pn Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PTGA Pitinga, PTGA Pitinga.

comp=E,2.6um,0.5s FLOC Florencia 22.00 342.0 Pn Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FLOC Florencia, BDFB Brasilia, BDFB Brasilia.

ROSC El Rosal 24.95 352.0 Pn Pn RUSC Rusia 25.88 355.0 Pn Pn

MDP Montagnes des Lajas Array 58.42 326.0 Pn Pn NVAR Mirnyy Array 73.25 323.0 Pn Pn

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GNOU Gnosioje, GNOU Gnosioje, VXXU Vaexioje.

comp=Z,4.1nm,0.6s HOMB Hornsund 2.52 328.0 eS Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOMB Hornsund, HOMB Hornsund, HOMB Hornsund.

comp=Z,1.5nm,0.9s BL55 Odda 4.08 325.0 eP Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BL55 Odda, ODD1 Odda, ODD1 Odda.

comp=Z,1.8nm,0.7s NC602 NORSTAR Array S 4.58 3 eS Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NC602 NORSTAR Array S, NAO01 NORSTAR Array S, NAO01 NORSTAR Array S.

comp=Z,0.9nm,0.6s NAO01 NORSTAR Array S 4.69 359.0 eP Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NAO01 NORSTAR Array S, SKAR Skarslia, SKAR Skarslia.

comp=Z,0.9nm,0.7s NB008 NORSTAR Array S 4.88 358.0 eS Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NB008 NORSTAR Array S, NB201 NORSTAR Array S, NB201 NORSTAR Array S.

comp=Z,1.5nm,0.8s NC303 NORSTAR Array S 5.07 2 eP Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NC303 NORSTAR Array S, NC204 NORSTAR Array S, NC204 NORSTAR Array S.

comp=Z,1.8nm,0.9s NC204 NORSTAR Array S 5.12 358.0 eS Pn

IDC 29 10:53:16.8, 2.8, 7.38N, 93.81E, h0km, mb3.4/5, mb1 3.5/5, mb1mx2.8/32, Error ellipse: s-maj=155.7km s-min=25.5km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, PALK Palleke, LEM Lemang.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H0BS2 Diego Garcia H, H0BS2 Diego Garcia H, H0BS1 Diego Garcia H.

comp=Z,2.6nm,20.7s, baz=105, slow=32 WRA Warramunga Arr 48.24 125.0 Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, FINES Finess Array B, FINES Finess Array B.

PRE 29 11:01:59.3, 1.1, 26.29S, 27.32E, h2km, ML3.3 EAF 29 11:02:04.1, 0.2, 26.44S, 27.88E, h47km, 155km, MD4.0

ISIC 29 11:02:01.3, 0.9, 26.43S, 02:47.46E, 0.06, h17km, 7km, n20, i196/28, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLOF Kloof, KLOF Kloof, KLOF Kloof.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PARYS Parys, PARYS Parys, PARYS Parys.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBTB Lobatse, LBTB Lobatse, BOSA Boshof.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOPA Mopani, MOPA Mopani, MOPA Mopani.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSNA Messina, MSNA Messina, MSNA Messina.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PKA Prieska, PKA Prieska, PKA Prieska.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UPI Uppington, UPI Uppington, UPI Uppington.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATP Matopo, MATP Matopo, KEIM Keimoes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUFB Buffelsbos, BUFB Buffelsbos, BUFB Buffelsbos.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CVNA Calvinia, CVNA Calvinia, CVNA Calvinia.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSZ Lusaka, LSZ Lusaka, TSUM Tsumeb.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UCR 29 11:16:42.9, 0.6, 12.48N, 87.83W, h55km, 17km, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNET 29 11:16:42.8, 0.5, 12.45N, 87.85W, h34km, 6km, ML3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like INET 29 11:16:43.0, 1.2, 12.49N, 87.78W, h64km, ML4.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISIC 29 11:16:43.3, 1.9, 12.51N, 01:87.82W, 0.07, h53km, 43km, n29, e040/37, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LCND La Caada, LCND La Caada, LCND La Caada.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLLM Bellamira, BLLM Bellamira, BLLM Bellamira.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VSM San Miguel, VSM San Miguel, VSM San Miguel.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LCM Lacayo, LCM Lacayo, LCM Lacayo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LCU Lacayo, LCU Lacayo, LCU Lacayo.

29d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like MAW, GHO, TX32, etc.

IDC 29 12:10:19.6:12.0, 18.48S, 175.72W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/31, mbtmp3.7/3, M3.5/2, M1s1 3.5/2, m1mx2.7/34, Error ellipse: s-maj=570.4km s-min=39.7km az=143.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like DZM, WRA, ASAR, etc.

JMA 29 12:27:38.7:0.2, 30.10N, 139.10E, h466km, M4.0
IDC 29 12:27:40.1:0.8, 30.04N, 138.59E, h426km, mb3.4/25, mb1 3.5/30, mb1mx3.4/49, mbtmp4.2/30, Error ellipse: s-maj=11.8km s-min=8.8km az=91.0

ISC 29 12:27:41.2:0.5, 30.05N, 0.06E, 138.79E, 0.09, h450km, n40, e254/50, mb3.7/25, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like JHC, JHU, JHJ, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like FINES, NB2, NOA, etc.

IDC 29 12:38:32.2:1.1, 24.21N, 121.36E, h0km, mb3.6/7, mb1 3.7/7, mb1mx3.5/42, mbtmp3.6/7, Error ellipse: s-maj=72.1km s-min=21.4km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like NNSB, NNSH, NNS, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like VWD, TATO, TWA, etc.

29d 13h

NNS	Nan Shan	0.11 329	↑P	Pg	13 44 29.0	0.0
NNS	Nan Shan			Sg	13 44 30.9	-0.1
ETLH	Xiulin Townshi	0.15 162	↑P	Pg	13 44 30.1	+0.5
ETLH				Sg	13 44 32.2	+0.3
NACB	Ninganchiao	0.23 140	↑P	Pg	13 44 31.4	+0.5
NACB				Sg	13 44 34.5	+0.4
WHF	Hehuan Shan	0.25 217	↑P	Pg	13 44 31.6	0.0
WHF				Sg	13 44 35.2	+0.1
NDT	Datong Townshi	0.26 16	↑P	Pg	13 44 31.8	+0.2
NDT				Sg	13 44 35.9	+0.7
TDCB	Techi	0.27 249	↑P	Pg	13 44 31.9	+0.2
TDCB				Sg	13 44 35.3	-0.1
ENA	Nanau	0.29 74	↑P	Pg	13 44 32.2	+0.1
ENA				Sg	13 44 36.8	+0.8
TWD	Chiawan	0.31 151	↑P	Pg	13 44 32.9	+0.5
TWD				Sg	13 44 37.0	+0.5
ENTT	Nioudou	0.32 23	↑P	Pg	13 44 32.8	+0.2
ENTT				Sg	13 44 37.6	+0.8
YHNB	Yeheng	0.32 351	↑P	Pg	13 44 33.3	+0.5
YHNB				Sg	13 44 36.9	-0.2
NSK	Sanguang	0.33 348	↑P	Pg	13 44 33.4	+0.4
NSK				Sg	13 44 37.4	0.0
HWA	Hwalien	0.40 157	eP	Pb	13 44 35.0	-0.5
HWA				Sb	13 44 41.0	-0.8
TWE	Neicheng	0.43 30	↑P	Pg	13 44 35.0	+0.3
TWE				Sg	13 44 41.2	+0.8
NWLT	Wulai	0.43 8	eP	Pg	13 44 35.2	+0.5
NWLT				Sg	13 44 41.3	+0.8
SLBB	Yuanshan	0.44 25	↑P	Pg	13 44 34.4	-0.6
SLBB				Sg	13 44 41.5	+0.6
WHP	Taichung City	0.45 261	↑P	Pb	13 44 35.9	-0.6
WHP				Sg	13 44 41.9	+0.8
OWD	Renai	0.46 211	↑P	Pg	13 44 34.8	-0.4
OWD				Sg	13 44 41.1	-0.2
TWC	Suao	0.46 56	↑P	Pg	13 44 35.2	0.0
TWC				Sg	13 44 41.6	+0.3
ENLB	Shoufeng	0.47 161	↑P	Pg	13 44 35.1	-0.3
ENLB				Sg	13 44 41.8	+0.2
LIQB	Emei	0.48 308	↑P	Pb	13 44 36.8	-0.1
LIQB				Sb	13 44 43.4	-0.7
NSTT	Nanjiang	0.48 306	↑P	Pb	13 44 36.6	-0.4
NSTT				Sg	13 44 43.2	+1.1
ILA	Ilan	0.51 35	eP	Pg	13 44 36.7	+0.5
ILA				Sb	13 44 44.3	-0.4
WLTB	Daxi	0.53 342	↑P	Pb	13 44 37.9	+0.2
WLTB				Sb	13 44 45.0	-0.4
ESL	Shilin	0.53 180	↑P	Pg	13 44 36.7	+0.1
ESL				Sg	13 44 44.2	+0.6
DPDB	Guoxing	0.56 236	↑P	Pg	13 44 37.5	+0.4
DPDB				Sg	13 44 43.8	-0.7
SBCB	Hsinchu	0.60 317	eP	Pb	13 44 39.1	+0.1
SBCB				Sb	13 44 48.5	+1.0
TWQ1	Liyutan	0.60 270	↑P	Pb	13 44 39.1	+0.2
TWQ1				Sb	13 44 47.5	-0.1
NMLH	Miaoili	0.61 288	eP	Pb	13 44 39.7	+0.5
NMLH				Sb	13 44 48.0	0.0
NSY	Sanyi	0.62 276	↑P	Pb	13 44 39.8	+0.6
NSY				Sb	13 44 48.4	+0.4
HSN	Hsinchu	0.62 317	eP	Pb	13 44 40.3	+1.1
HSN				Sb	13 44 49.3	+1.3
NHDH	Xindian Distri	0.62 8	↑P	Pb	13 44 39.0	-0.3
NHDH				Sg	13 44 47.1	+0.7
NTC	Toucheng	0.62 36	↑P	Pg	13 44 38.2	-0.1
TATO	Taipei	0.63 5	↑P	Pb	13 44 39.2	-0.2
TATO				Sg	13 44 47.0	+0.3
TWA	Mucha	0.64 12	iP	Pb	13 44 39.4	-0.3
TWA				Sb	13 44 48.5	-0.4
VWDT	VWDT	0.65 204	↑P	Pg	13 44 38.4	-0.5
VWDT				Sg	13 44 47.4	+0.1
NCUH	Zhongli	0.66 340	eP	Pn	13 44 41.3	-0.4
NCUH				Sn	13 44 52.7	+0.5
NCU	National Centr	0.66 340	eP	Pn	13 44 41.1	-0.7
NCU				Sn	13 44 52.0	-0.2
EOS1	EOS1	0.67 72	eP	Pb	13 44 39.6	-0.4
EOS1				Sb	13 44 49.3	0.0
PTSB	Yuanli	0.67 279	eP	Pb	13 44 41.1	+1.0
PTSB				Sb	13 44 49.9	+0.4
SMLT	Sun Moon Lake	0.67 227	↑P	Pg	13 44 39.4	+0.1
SMLT				Sg	13 44 48.4	+0.3
EGFH	Guangfu	0.68 180	↑P	Pg	13 44 39.2	-0.2
EGFH				Sg	13 44 48.1	-0.1
TYC	Yuchr	0.69 230	↑P	Pg	13 44 39.6	0.0
TYC				Sb	13 44 50.6	+0.6
TAP	Taipei	0.69 6	eP	Pb	13 44 40.6	+0.1

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TAP			eS	Sb	13 44 50.6	+0.5
SSLB	Suangleung	0.71 218	↑P	Pg	13 44 39.4	-0.6
SSLB				Sb	13 44 50.4	-0.3
TIPB	Shuangxi	0.72 30	↑P	Pg	13 44 40.1	0.0
TIPB				Sg	13 44 49.2	-0.3
TCU	Taichung	0.72 254	eP	Pb	13 44 41.7	+0.8
TCU				Sn	13 44 52.7	-1.0
WDJ	Dajia District	0.72 270	↑P	Pn	13 44 42.1	-0.5
WDJ				Sb	13 44 52.6	+1.6
TWS1	Kuangyinshan	0.75 359	↑P	Pb	13 44 42.4	+0.9
TWS1				Sb	13 44 52.7	+0.9
NWF	Wu-fen Shan	0.79 24	eP	Pg	13 44 41.5	0.0
NWF				Sb	13 44 53.1	+0.1
WFSB	Wu-fen Shan	0.79 24	eP	Pg	13 44 41.5	0.0
WFSB				Sb	13 44 52.6	-0.3
YM01	YM01	0.81 9	↑P	Pb	13 44 42.7	+0.2
YM01				Sb	13 44 53.5	0.0
YM04	YM04	0.81 7	↑P	Pb	13 44 42.8	+0.3
YM04				Sg	13 44 53.0	+0.6
YM10	YM10	0.81 8	↑P	Pb	13 44 43.0	+0.4
YM10				Sg	13 44 52.8	+0.2
NTST	Danshui	0.81 1	eP	Pn	13 44 43.6	-0.3
NTST				Sn	13 44 56.9	+0.9
YM05	YM05	0.82 8	↑P	Pb	13 44 43.1	+0.4
YM05				Sb	13 44 54.0	0.0
YM11	YM11	0.82 9	↑P	Pb	13 44 43.2	+0.4
YM11				Sb	13 44 55.6	+1.5
TWB1	Santiao Chiao	0.83 37	eP	Pg	13 44 42.0	-0.2
TWB1				Sg	13 44 53.3	+0.2
WNT	Mingjian	0.83 236	eP	Pb	13 44 43.5	+0.6
WNT				Sn	13 44 57.4	+0.9
WJS	Zhushan	0.83 231	eP	Pb	13 44 43.2	+0.3
WJS				Sn	13 44 56.1	-0.4
ANP	Anpu	0.84 5	↑P	Pb	13 44 43.5	+0.4
ANP				Sn	13 44 56.4	-0.5
WHYT	Xinyi Township	0.84 219	eP	Pg	13 44 42.0	-0.3
WHYT				Pn	13 44 44.0	-0.3
WCHH	Zhanghua	0.84 252	eP	Pn	13 44 44.5	+1.2
WCHH				Sn	13 44 58.0	+1.2
EHY	Hunye	0.84 187	P	Pg	13 44 42.1	-0.4
EHY				Sb	13 44 53.9	-0.7
HGSD	Ruisui	0.85 181	↑P	Pb	13 44 43.0	-0.2
HGSD				Pn	13 44 45.1	+0.5
TWY	Chenhua	0.94 9	eP	Sb	13 44 58.5	+1.3
TWY				Sb	13 44 58.5	+1.3
YULB	Yu-li	0.96 187	↑P	Pg	13 44 44.4	-0.3
YULB				Sg	13 44 56.6	-0.6
YUS	Yu-Shan	0.96 207	P	Pb	13 44 44.9	-0.5
YUS				Sb	13 44 58.3	-0.1
TWF1	TWF1	1.00 187	eP	Pg	13 44 45.2	-0.3
TWF1				Sg	13 44 59.3	+0.3
ALS	Alisshan	1.01 215	P	Pb	13 44 45.6	-0.2
ALS				Pn	13 44 46.5	-0.3
CHN5	Tsauling	1.02 223	P	Pn	13 45 02.5	+1.3
CHN5				Sn	13 45 02.5	+1.3
WGK	Gukeng	1.03 231	eP	Pn	13 44 47.1	+0.1
WGK				Sg	13 45 02.4	+0.9
WDLH	Douliu	1.05 231	eP	Pn	13 44 47.6	+0.5
WDLH				Sn	13 45 04.4	+2.5
RLNB	Erin	1.08 245	eP	Pn	13 44 47.6	+0.1
RLNB				Sn	13 45 03.3	+0.7
FULB	Ful	1.15 186	eP	Pn	13 44 48.9	+0.3
FULB				Sb	13 45 05.0	+0.5
TWCT	Ta-ch'eng	1.16 246	eP	Pn	13 44 48.8	+0.2
TWCT				Sn	13 45 05.9	+1.3
CHN2	Minshiang	1.20 227	eP	Pn	13 44 50.2	+1.3
CHN2				Sg	13 45 07.2	+1.7
ELDTW	Lidau	1.22 198	eP	Pg	13 45 48.3	-1.3
ELDTW				Sg	13 45 04.8	-0.6
CHKT	Chengkung	1.25 183	eP	Pb	13 44 49.5	-0.4
CHKT				Sn	13 45 06.4	-0.3
CHY	Chiayi	1.25 228	↑P	Pg	13 44 50.6	+0.3
CHY				Sn	13 45 09.0	+2.1
CHN4	Tsashan	1.26 218	eP	Pg	13 44 50.6	+0.3
CHN4				Sn	13 44 59.3	+2.3
TPUB	Ta-pu	1.28 215	↑P	Pg	13 45 07.7	-0.1
TPUB				Sg	13 45 09.5	+2.0
WSF	Szifu	1.31 238	eP	Pn	13 44 51.0	+0.2
WSF				Sg	13 45 09.7	+1.3
WTP	Ta-pu	1.33 215	eP	Pg	13 44 51.7	-0.1
WTP				Sn	13 45 10.1	+1.2
STYT	Tauyuan	1.33 208	eP	Pn	13 44 51.2	+0.1
STYT				Sn	13 45 12.1	+3.1
WLBG	Puzi	1.35 230	eP	Pg	13 44 52.5	+0.3
WLBG				Pg	13 44 53.0	+0.2
TWK	Hsinying	1.38 219	eP	Pg	13 45 13.1	+2.3
TWK				Sg	13 45 13.1	+2.3
JYNG	Yonagunijimaku	1.38 85	P	Pg	13 44 52.5	-0.3
JYNG				S	13 45 11.1	+0.3

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PCYT	Pengchayiu	1.40 24	eP	Pn	13 44 51.6	-0.4
PCYT				Sb	13 45 10.1	-0.5
SNST	Tainan City	1.41 218	eP	Pg	13 44 53.6	+0.2
SNST				Sg	13 45 13.6	+1.8
CHN1	Nanshi	1.42 216	eP	Pg	13 44 53.9	+0.2
CHN1				Sg	13 45 14.7	+0.8
YOJ	Yonagunijima	1.44 85	P	Pb	13 44 53.1	-0.2
YOJ				Sg	13 45 14.0	+1.3
YOJ	Yonagunijima	1.44 85	P	Pb	13 44 53.4	+0.1
YOJ				Sb	13 45 11.9	+0.1
SGST	Jiashan	1.48 212	P	Pn	13 44 53.5	+0.4
SGST				Sg	13 45 14.5	+0.5
CHN8	Yiu	1.50 229	eP	Pg	13 44 54.5	-0.5
CHN8				Sg	13 45 16.5	+2.0
SLGT	Lugui	1.53 208	eP	Pg	13 44 55.1	-0.5
SLGT				Sg	13 45 17.1	+1.6
TWG	Pinlang	1.56 192	eP	Pn	13 44 53.9	-0.2
TWG				Sn	13 45 14.5	0.0
TWGBT	Beinan	1.56 192	eP	Pn	13 44 54.4	+0.2
TWGBT				Sg	13 45 16.7	+0.3
SCLT	Jiali	1.63 224	eP	Pg	13 44 57.0	-0.5
SCLT				Sg	13 45 20.4	+1.7
TWH	Lutao	1.63 179	eP	Pn	13 44 55.5	+0.4
TWH				Pb	13 44 58.2	+0.4
TAI1	Yung-kang	1.71 221	eP	Sg	13 45 23.6	+2.4
TAI1				Pg	13 44 59.2	-0.8
SSD	Sandimen	1.76 205	eP	Pg	13 44 59.2	-0.8
SSD				Sg	13 45 23.6	+0.8

29d 15h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TDCB Tech, NNSB Datong, SSSLB Suanglung, etc.

MAN 29 15:28:33.1, 9.83N, 124.34E, h9km, mb4.0, ML2.8, MS2.4, 2D, Mindanao. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

JMA 29 15:29:02.0, 1.24, 85N, 123.37E, h29km, M1.3, Southwestern Ryukyu Islands. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

NIED 29 15:56:00, 24.30N, 122.20E, h32km, Mw3.6. Best double couple. M2.71000x1014, N11.0s190.00000, S32.00000, 1.602.00000, N12.2s22.00000, S47.00000, A. 2.00000. TAP 29 15:56:53.6, 24.36N, 122.20E, h41km, ML4.0, C. JMA 29 15:56:53.1, 0.1, 24.27N, 122.21E, h49km, Mw3.5, M3.5.

2014 MAR

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EOS1, TWC Suao, ENA Nanau, etc.

Table with columns: YM04, YM04, Time, Res, Pn. Includes stations like YULB, WJWS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TWH, RLNB, STYT, CHN4, TPUB, WTP, WTCT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MKAR, ZALV, ASAR, FINES, YKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PFO, XPFO, EW2, DTP, SCZ2, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KUR, PCI, APSI, YAK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NCK, ABTO, ABTO, GOF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IMAR, Indian Mountain, TTA, etc.

Table with columns: SGLT, Jiuuru, 1.43 226 eP, Pb, 16 30 49.5 +1.0, SKR, 30nm,0.4s, AMB, AMB, 16 43 07.0, SEY, comp=N,10.0nm,0.8s, AMB, AMB, 16 45 59.5

Table with columns: SKR, 30nm,0.4s, AMB, AMB, 16 43 07.0, SKR, 720nm,3.0s, eS, A, Sn, 16 43 39.5 -1.0, SKR, 3um,4.0s, A, A, 16 43 45.0, SKR, 3um,4.0s, A, A, 16 43 45.0, SKR, 260nm,0.4s, A, A, 16 43 47.6, SKR, 230nm,0.4s, A, A, 16 43 47.6, SKR, Severo-Kuril's, 2.90 16 ePN, Pn, 16 43 06.8 -0.2, SKR, comp=N,24nm,0.4s, eS, Sn, 16 43 40.1 -0.4, SKR, comp=E,434nm,0.4s, smax, smax, SKR, comp=N,244nm,0.8s, smax, smax, ALID, Alaid, 3.00 8 ePN, Pn, 16 43 10.2 +1.6, PAU, Pauzhetka, 3.78 18 ePN, Pn, 16 43 18.5 -0.5, PAU, Pauzhetka, 3.78 18 ePN, Pn, 16 43 18.2 -0.9, PAU, Pauzhetka, 3.78 18 ePN, Pn, 16 44 00.1 -2.2, KDR, Khodutka, Kamc, 4.42 27 ePN, Pn, 16 43 26.2 -1.7, MIPR, Malaya Ipe'l'ka, 4.54 15 ePN, Pn, 16 43 28.8 -0.8, ASAK, Asachka, 4.88 22 ePN, Pn, 16 43 33.9 -0.5, ASAK, Asachka, 4.88 22 ePN, Pn, 16 43 37.7 -2.5, MTRV, Matnovka, 5.05 23 ePN, Pn, 16 43 35.6 -1.1, GRL, Gorelyy, 5.08 22 ePN, Pn, 16 43 36.9 -0.2, GRL, Gorelyy, 5.08 22 ePN, Pn, 16 44 32.0 -2.5, RUS, Russkaya, 5.10 26 ePN, Pn, 16 43 35.2 -2.0, RUS, Russkaya, 5.10 26 ePN, Pn, 16 43 35.2 -2.0, APC, Apacha, 5.23 15 ePN, Pn, 16 43 39.9 -0.1, KRM, Karymshinskiy, 5.35 22 ePN, Pn, 16 43 39.9 -0.7, PEAOB, Petropavlovsk, 5.51 18 ePN, Pn, 16 43 43.4 +0.4, PEAOB, Petropavlovsk, 5.51 18 ePN, Pn, 16 43 43.4 +0.5, PETK, Petropavlovsk, 5.51 18 ePN, Pn, 16 43 43.1 +0.3, KUR, Kuril'sk, 5.54 24 ePN, Pn, 16 43 44.7 +1.6, KUR, comp=N,300nm,2.0s, AMB, AMB, 16 43 46.6, KUR, comp=N,80nm,0.5s, iS, A, Sn, 16 44 45.1 -0.4, KUR, comp=N,700nm,3.0s, A, A, 16 44 47.9, KUR, comp=N,700nm,3.0s, A, A, 16 44 51.0, KUR, comp=N,100nm,0.5s, A, A, 16 44 51.0, KUR, comp=N,110nm,0.5s, 5.54 24 ePN, Pn, 16 43 44.8 +1.6, KUR, comp=N,71nm,0.3s, smax, smax, KUR, comp=E,28nm,0.4s, smax, smax, PET, Petropavlovsk, 5.66 24 ePN, Pn, 16 43 45.7 +0.8, PET, comp=E,600nm,4.0s, AMB, AMB, 16 43 51.3, PET, comp=E,50nm,0.5s, AMB, AMB, 16 43 53.8, PET, comp=E,800nm,3.0s, eS, A, Sn, 16 44 46.4 -2.2, PET, comp=E,800nm,3.0s, A, A, 16 44 51.0, PET, comp=E,90nm,0.5s, A, A, 16 45 05.0, PET, comp=E,100nm,0.5s, A, A, 16 45 05.0, PET, Petropavlovsk, 5.66 24 ePN, Pn, 16 43 43.6 -1.3, PET, comp=N,110nm,0.5s, eS, Sn, 16 44 47.7 -1.3, PET, comp=N,48nm,0.5s, pmx, pmx, PET, comp=N,89nm,0.6s, smax, smax, PET, comp=N,101nm,0.6s, smax, smax, PET, comp=N,100nm,1.4s, MLR, MLR, DALK, Dalny, 5.70 24 ePN, Pn, 16 43 43.7 -1.7, UGL, Ustoyaya, 5.87 24 ePN, Pn, 16 43 47.5 -0.4, KOK, Koryaka, 5.90 22 ePN, Pn, 16 43 48.1 -0.2, KOK, Koryaka, 5.90 22 ePN, Pn, 16 43 48.1 -0.2, AV, Avacha, 5.90 23 ePN, Pn, 16 43 48.5 +0.2, SMAR, Somma, 5.92 23 ePN, Pn, 16 43 48.7 +0.1, KRF, Koryakskiy, 5.94 23 ePN, Pn, 16 43 47.9 -1.1, SDLR, Sedlovina, 5.95 24 ePN, Pn, 16 43 49.9 -1.1, KR, Aris, 5.96 22 ePN, Pn, 16 43 48.3 -0.9, SPN, Mys Shipunski, 6.14 30 ePN, Pn, 16 43 49.7 -1.8, YUK, Yuzh-Kuril'sk, 7.39 242 ePN, Pn, 16 44 09.6 +1.0, YUK, comp=N,300nm,2.0s, AMB, AMB, 16 44 11.5, YUK, comp=N,40nm,0.5s, AMB, AMB, 16 44 13.0, YUK, comp=N,400nm,3.0s, eS, A, Sn, 16 45 28.9 -2.2, YUK, comp=N,500nm,3.0s, A, A, 16 45 30.0, YUK, Yuzh-Kuril'sk, 7.39 242 ePN, Pn, 16 44 08.9 +0.3, GRPR, Tuman, 7.46 242 ePN, Pn, 16 44 10.1 +0.4, GRPR, Tuman, 7.46 242 ePN, Pn, 16 44 11.0, GRPR, Tuman, 7.46 242 ePN, Pn, 16 45 30.5 -2.5, GRPR, Tuman, 7.46 242 ePN, Pn, 16 44 09.9 +0.2, GLVR, Golovino, 7.76 241 ePN, Pn, 16 44 13.3 -0.4, GLVR, Golovino, 7.76 241 ePN, Pn, 16 44 13.3 -0.4, NMR, Nemuro-Hokkai, 7.86 238 ePN, Pn, 16 44 13.7 -1.4, NMR, Nemuro-Hokkai, 7.86 238 ePN, Pn, 16 44 13.7 -1.4, KZM, Kizimen, 7.97 23 ePN, Pn, 16 44 16.3 -0.4, TUMR, Tumrok, 8.08 22 ePN, Pn, 16 44 18.5 +0.4, YSS, Yuzh-Sakhalins, 8.29 268 ePN, Pn, 16 44 22.4 +1.4, YSS, comp=N,30nm,0.6s, AMB, AMB, 16 44 23.5, YSS, Yuzh-Sakhalins, 8.29 268 ePN, Pn, 16 45 51.3 -2.0, YSS, Yuzh-Sakhalins, 8.29 268 ePN, Pn, 16 44 22.4 +1.4, YSS, Yuzh-Sakhalins, 8.29 268 ePN, Pn, 16 44 22.4 +1.4, YSS, Yuzh-Sakhalins, 8.29 268 ePN, Pn, 16 44 26.1 +2.0, YSS, comp=N,10.0nm,0.5s, AMB, AMB, 16 44 29.0, YSS, comp=N,200nm,7.0s, AMB, AMB, 16 44 33.0, YSS, comp=N,10.0nm,0.5s, eS, A, Sn, 16 45 57.5 -1.4, YSS, comp=N,10.0nm,0.4s, A, A, 16 46 04.0, YSS, comp=N,20nm,0.4s, A, A, 16 46 08.0, YSS, comp=N,600nm,9.0s, A, A, 16 46 08.0, YSS, Tymovskoe, 8.52 295 ePN, Pn, 16 44 29.6 +5.5, YSS, Tymovskoe, 8.52 295 ePN, Pn, 16 46 04.1 +5.2, YSS, comp=N,11nm,0.6s, pmx, pmx, YSS, comp=N,200nm,7.0s, pmx, pmx, YSS, comp=E,17nm,0.4s, smax, smax, YSS, comp=N,600nm,8.8s, smax, smax, KMN, Kamenistaya, 8.53 21 ePN, Pn, 16 44 23.2 -1.1, UGL, Udegorsk, 8.61 283 ePN, Pn, 16 44 25.1 -0.2, SRD, Srednyy, 9.36 218 ePN, Pn, 16 44 29.4 -0.4, JKA, Kamikawa-asahi, 9.36 251 ePN, Pn, 16 44 37.7 +2.1, JKA, Kamikawa-asahi, 9.36 251 ePN, Pn, 16 44 37.7 +2.1, ASAJ, Asahikawa, 9.36 251 ePN, Pn, 16 44 37.7 +2.1, ASAJ, comp=N,0.9nm,0.3s,baz=85,slow=17,SNR=20, LR, 16 47 33.0, ERM, Erimo, 10.19 2391 ePN, Pn, 16 44 47.0 -1.0, EKMR, Kimchan, 14.88 299 ePN, Pn, 16 45 49.6 -1.1

Table with columns: EKMR, comp=N,10.0nm,0.8s, AMB, AMB, 16 45 59.5, SEY, Seymchan, 15.13 356 ePN, Pn, 16 45 55.0 +0.9, SEY, Seymchan, 15.13 356 ePN, Pn, 16 45 56.9 -1.6, KLR, Kul'dur, 15.38 284 ePN, Pn, 16 45 57.1 -0.2, KLR, comp=N,0.1nm,0.3s,baz=119,slow=11,SNR=3.2, LR, 16 51 28.6, KLR, Kul'dur, 15.38 284 ePN, Pn, 16 45 59.5 -1.8, USRK, Ussuriysk Ar., 16.32 265 ePN, Pn, 16 46 08.1 -1.2, MJA, Matsu Arr-Jizo, 16.72 233 ePN, Pn, 16 46 16.7 +0.3, MAT, Matsushiro, 16.74 233 ePN, Pn, 16 46 11.4 -3.4, MJAR, Matsushiro Arr, 16.74 233 ePN, Pn, 16 46 11.4 -3.4, MJAR, comp=N,0.2nm,0.3s,baz=144,slow=43,SNR=3.5, LR, 16 53 13.1, MJAR, comp=N,30nm,18.0s,baz=250,slow=33, LR, 16 53 13.1, MJAR, Matsushiro Arr, 16.74 233 ePN, Pn, 16 46 16.8 +2.0, MJAR, Matsushiro Arr, 16.74 233 ePN, Pn, 16 46 15.7 +0.9, BMKR, Bomnak, 17.59 302 ePN, Pn, 16 46 24.0 -1.2, BMKR, comp=N,2.6nm,0.9s, AMB, AMB, 16 46 29.6, ZEA, Zeya, 18.35 299 ePN, Pn, 16 46 34.8 +0.3, ZEA, Zeya, 18.35 299 ePN, Pn, 16 46 36.1, ZEA, comp=N,10.0nm,1.0s, AMB, AMB, 16 46 34.8 +0.3, ZEA, Zeya, 18.35 299 ePN, Pn, 16 46 34.8 +0.3, KROS, Kirovskiy, 18.61 301 ePN, Pn, 16 46 39.2 +1.6, KROS, comp=N,30nm,1.0s, AMB, AMB, 16 46 41.1, YAK, Yakutsk, 20.05 324 ePN, Pn, 16 46 51.0 -1.7, YAK, comp=N,0.0nm,0.3s,baz=264,slow=1.7,SNR=1.8, P, 16 46 55.3 +0.6, YAK, Yakutsk, 20.05 324 ePN, Pn, 16 46 55.3 +0.6, YAK, comp=N,9.0nm,0.9s, pmx, pmx, YAK, comp=E,7.0nm,1.4s, pmx, pmx, YAK, comp=N,3.0nm,1.1s, pmx, pmx, YAK, Yakutsk, 20.05 324 ePN, Pn, 16 46 51.0 -1.7, CNK, Changchun, 20.86 270 ePN, Pn, 16 47 00.8 -0.7, BILL, Bilibino, 21.00 12 ePN, Pn, 16 47 04.3 +1.4, BILL, Bilibino, 21.00 12 ePN, Pn, 16 47 03.0 +1.1, BILL, e, 16 47 31.0, BILL, pmx, pmx, KSRS, comp=N,1.0nm,0.8s, 22.30 252 ePN, Pn, 16 47 16.8 -0.3, KSRS, comp=N,5.5nm,0.8s,baz=48,slow=11,SNR=13, LR, 16 56 31.5, KSRS, comp=N,2.7nm,18.1s,baz=45,slow=38, LR, 16 56 31.5, KSRS, Korea Array, 22.30 252 ePN, Pn, 16 47 18.0 +0.9, KSRS, Korea Array, 22.30 252 ePN, Pn, 16 47 18.0 +0.9, GAMB, Gambell, 24.17 37 ePN, Pn, 16 47 36.4 +1.1, ANM, Nome, 27.04 37 ePN, Pn, 16 48 02.1 +0.8, ANM, comp=N,13nm,1.5s, IAmB, IAmB, 16 48 06.5, ANM, Nome, 27.04 37 ePN, Pn, 16 48 02.1 +0.8, H11N2, WAKE ISLAND Hy 29.74 157 T, T, 17 20 07.7, H11N1, WAKE ISLAND Hy 29.75 157 T, T, 17 19 55.5, H11N3, WAKE ISLAND Hy 29.76 157 T, T, 17 20 06.2, H11S1, WAKE ISLAND Hy 30.86 158 T, T, 17 21 30.1, H11S3, WAKE ISLAND Hy 30.87 158 T, T, 17 21 22.2, H11S2, WAKE ISLAND Hy 30.88 158 T, T, 17 21 22.0, HHC, Hu-ho-hao-te, 31.43 273 ePN, Pn, 16 48 41.8 +1.1, SONM, Songino Array, 32.11 288 ePN, Pn, 16 48 43.6 -3.0, SONM, comp=N,0.3nm,0.5s,baz=39,slow=12,SNR=1.8, LR, 17 01 24.3, SONM, comp=N,3.5nm,21.4s,baz=88,slow=36, LR, 17 01 24.3, IMAR, Indian Mountain, 32.12 37 ePN, Pn, 16 48 44.9 -1.4, KDAK, Kodiak Island, 32.44 52 ePN, Pn, 16 48 50.0 +0.9, KDAK, Kodiak Island, 32.44 52 ePN, Pn, 16 48 50.0 +0.9, TLY, Talaya, 32.75 296 ePN, Pn, 16 47 54.8, TLY, comp=N,60nm,19.3s,baz=64,slow=38, LR, 16 47 54.8, TLY, Talaya, 32.75 296 ePN, Pn, 16 48 53.1 +1.1, TLY, Talaya, 32.75 296 ePN, Pn, 16 48 53.1 +1.1, KTH, Kantishna Hill, 33.09 42 ePN, IAmB, IAmB, 16 48 53.3 -1.7, KTH, comp=N,5.8nm,1.1s, IAmB, IAmB, 16 48 57.3, SML, Sawmill, 34.30 45 ePN, Pn, 16 49 06.1 +0.7, ILAR, Eielson Array, 34.49 40 ePN, Pn, 16 49 10.6 +0.2, GUMO, comp=N,1.1nm,0.8s,baz=250,slow=7.3,SNR=13, LR, 17 02 01.1, GUMO, comp=N,2.1nm,19.3s,baz=62,slow=37, LR, 17 02 01.1, PRP, Porcupine Dome, 35.47 38 ePN, IAmB, IAmB, 16 49 15.9 +0.4, PRP, comp=N,3.8nm,0.9s, IAmB, IAmB, 16 49 17.6, FYU, Fort Yukon, 35.60 36 ePN, Pn, 16 49 17.6 +1.2, BMAR, Burnt Mountain, 35.88 35 ePN, Pn, 16 49 20.1 +1.2, CRQM, Cirque, 36.90 46 ePN, Pn, 16 49 28.6 +0.8, BCAR, Beaver Creek A, 37.23 42 ePN, Pn, 16 49 32.3 +0.8, EGAK, Eagle, 37.34 39 ePN, IAmB, IAmB, 16 49 31.3 0.0, EGAK, comp=N,6.9nm,0.9s, IAmB, IAmB, 16 49 32.5, CTGM, Chitina Glacie, 37.74 46 ePN, Pn, 16 49 36.4 +1.5, CTGM, comp=N,5.3nm,0.7s, IAmB, IAmB, 16 49 37.3, HYT, Haines Junction, 39.60 45 ePN, IAmB, IAmB, 16 49 52.1 +1.7, HYT, comp=N,5.8nm,0.8s, IAmB, IAmB, 16 49 52.1 +1.7, INK, Inuvik, 40.02 33 ePN, Pn, 16 49 55.2 +1.5, INK, comp=N,1.6nm,0.5s,baz=291,slow=6.7,SNR=7.5, P, 16 49 53.9 +0.2, INK, Inuvik, 40.02 33 ePN, Pn, 16 49 53.9 +0.2, INK, comp=N,5.0nm,1.3s, P, 16 49 53.9 +0.2, ZALV, Zalesovo Beam, 42.93 305 ePN, LR, 17 07 23.5, C36M, comp=N,30nm,19.3s,baz=34,slow=35, P, 16 50 19.4 -0.3, C36M, Paulatuk, 43.21 31 ePN, IAmB, IAmB, 16 50 21.7, C36M, comp=N,7.3nm,1.1s, IAmB, IAmB, 16 50 21.7, WMQ, Urumqi, 45.65 291 ePN, Pn, 16 50 41.3 +1.6, MK31, Makanchi Array, 47.49 297 ePN, Pn, 16 50 52.6 -1.5, MK31, Makanchi Array, 47.49 297 ePN, Pn, 16 50 52.6 -1.5, MKAR, Makanchi Array, 47.49 297 ePN, Pn, 16 50 51.7 -2.4, MKAR, comp=N,0.6nm,0.7s,baz=72,slow=7.9,SNR=8.0, LR, 17 12 35.0, MKAR, comp=N,30nm,18.0s,baz=20,slow=38, LR, 16 50 54.7 +0.6, MKAR, Makanchi Array, 47.49 297 ePN, Pn, 16 50 54.7 +0.6, MKAR, Makanchi Array, 47.49 297 ePN, Pn, 16 50 54.7 +0.6, KURK, Kurchatov, 47.74 303 ePN, Pn, 16 50 57.0 +1.1, KURK, Kurchatov, 47.74 303 ePN, Pn, 16 50 57.0 +1.1, YKA, Yellowknife Ar, 49.27 38 ePN, Pn, 16 51 07.7 +0.3, YKA, comp=N,0.3nm,0.8s,baz=294,slow=7.1,SNR=12, P, 16 51 07.7 +0.3, YKA, comp=N,0.9nm,0.8s,baz=298,slow=7.3,SNR=12, P, 16 51 07.7 +0.3, BRVK, Borovoye, 51.10 309 ePN, Pn, 16 51 20.5 -1.0, BRVK, Borovoye, 51.10 309 ePN, Pn, 16 51 20.5 -1.0, BRVK, comp=N,1.0nm,0.8s, pmx, pmx, CHTO, Chitang Mai, 53.56 257 ePN, Pn, 16 51 40.4 +0.3, CHTO, comp=N,4.0nm,1.0s, IAmB, IAmB, 16 51 45.7, CHTO, Chitang Mai, 53.56 257 ePN, Pn, 16 51 40.4 +0.3, CHTO, comp=N,4.4nm,1.0s, IAmB, IAmB, 16 51 45.7, CMAR, Chiang Mai Arr, 53.82 257 ePN, Pn, 16 51 40.7 -1.3, AAK, Ala-Archa, 54.41 297 ePN, Pn, 16 51 48.5 +2.3, AAK, Ala-Archa, 54.41 297 ePN, Pn, 16 51 48.5 +2.3, AAK, comp=N,0.8nm,0.9s,baz=39,slow=5.8,SNR=3.5, pmx, pmx

IDC 29 16:42:22.5.1.4, 8.06N:154.73E, h49km, mb4.2/9, Error ellipse: s-maj=10.5km s-min=3.7km az=69.4, SKHL 29 16:42:22.3.0.5, 47.84N:155.02E, h53km, mb3.5/5, msh5.0/5, NEIC 29 16:42:26.1.1.8, 48.11N:01:154.16E:0.2, h62km, mb5, mb4.4/30, Error ellipse: s-maj=19.1km s-min=11.3km az=141.0, IDC 29 16:42:27.2.2.6, 48.11N:154.47E, h75km, mb3.6/19, mb1.3/8/25, mb1mx3.6/46, mbtmp3.9/25, MS3.1/9, Ms1.3.1/9, ms1mx2.8/37, Error ellipse: s-maj=19.6km s-min=11.0km az=146.0, IDC 29 16:42:23.4.0.5, 47.90N:0.06:154.90E:0.06, h42km, n156, r150/164, mb4.2/37, MS3.1/6, 4C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA, Warramunga Arr, 20.45 128 ePN, P, 16 44 11.7 +0.2, ASAR, Alice Springs, 22.41 136 ePN, P, 16 44 32.4 -0.2, MKAR, Makanchi Array, 47.49 297 ePN, P, 16 49 58.7 0.0, MOS 29 16:42:22.5.1.4, 8.06N:154.73E, h49km, mb4.2/9, Error ellipse: s-maj=10.5km s-min=3.7km az=69.4, SKHL 29 16:42:22.3.0.5, 47.84N:155.02E, h53km, mb3.5/5, msh5.0/5, NEIC 29 16:42:26.1.1.8, 48.11N:01:154.16E:0.2, h62km, mb5, mb4.4/30, Error ellipse: s-maj=19.1km s-min=11.3km az=141.0, IDC 29 16:42:27.2.2.6, 48.11N:154.47E, h75km, mb3.6/19, mb1.3/8/25, mb1mx3.6/46, mbtmp3.9/25, MS3.1/9, Ms1.3.1/9, ms1mx2.8/37, Error ellipse: s-maj=19.6km s-min=11.0km az=146.0, IDC 29 16:42:23.4.0.5, 47.90N:0.06:154.90E:0.06, h42km, n156, r150/164, mb4.2/37, MS3.1/6, 4C-4D, Kuril Islands, Code, Station Name, Az, Phase ID, Time, Res, SKR, Severo-Kuril's, 2.90 16 ePN, Pn, 16 43 06.6 -0.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MURC, CFT, SBB, HMTC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like O20A, O20A, YHB, YHL, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PB16, PB16, PB11, etc.

UCR 29 18:08:01.2, 0.9, 85N, 84.76W, h13km, 758km, MD3.7, MW3.5, Costa Rica

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SRA1, SRA1, JTS, etc.

NEIC 29 18:12:31.6, 1.4, 43.82N, 0.05:105.22W, 0.08, h0km, 1km, ML3.5/69, Error ellipse: s-maj=10.2km s-min=8.5km az=103.0

ICC 29 18:12:31.1, 0.9, 43.81N, 105.42W, h0km, mb3.9/4, mb1 3.8/10, mb1mx3.5/45, mbtmp3.6/10, ML3.4/6, MS2.4/1, Ms1 2.4/1, ms1mx2.0/60, Error ellipse: s-maj=21.2km s-min=8.0km az=146.0

ISC 29 18:12:30.9, 0.7, 43.83N, 0.05:105.21W, 0.06, h0km, n101, -0.94/102, mb3.9/4, Wyoming

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like RASD, K22A, K22A, etc.

ICC 29 18:46:04.9, 1.5, 62.05S, 161.68E, h0km, mb4.4/7, mb1 4.5/8, mb1mx4.2/24, mbtmp4.3/8, ML3.8/1, MS4.1/11, Ms1 4.1/11, ms1mx3.9/18, Error ellipse: s-maj=71.5km s-min=25.0km az=74.0

NEIC 29 18:46:07.9, 1.4, 61.91S, 0.08:161.7E, 0.3, h15km, 4km, mb4.6/32, Error ellipse: s-maj=22.6km s-min=11.7km az=82.0

GCMT 29 18:46:09.0, 0.1, 61.99S, 0.02:161.59E, 0.05, h18km, 2km, MW5.0/72, Moment Tensor Solution, s13.c13, s72.c98, Duration: 0 Moment tensor: Scale 10^19Nm; M=0.23...; Mw=2.45...; Ms=2.22...; Ml=1.44...; Mo=0.24...; Mv=1.88...; Mb=2.00...; Best double couple: M3.33800x10^16 Np1=230.00000, s45.00000, a-176.00000. NP2: s=137.00000, s87.00000, a-45.00000. Principal axes: T 3.2720, P1g27.0000, Azm193.0000; N 0.1350, P1g45.0000; Azm314.0000; P -3.4040, P1g33.0000; Azm83.0000; Azm1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular station distribution function

ISC 29 18:46:07.0, 0.5, 61.97S, 0.07:161.8E, 0.1, h10km, n77, -0.158/59, mb4.8/25, MS4.0/11, Balleny Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MCQ, VANDA, VANDA, etc.

ISC 29 18:52.9, 46.0, 24.21S, 176.91W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/36, mbtmp3.8/3, Error ellipse: s-maj=84.5km s-min=165.9km az=89.0

NEIC 29 18:19:54.6, 0.5, 24.8S, 0.1:176.9W, 0.1, h10km, 8km, mb4.2/4, Error ellipse: s-maj=19.5km s-min=11.8km az=123.0

ISC 29 18:20:02.9, 1.4, 24.2S, 0.2:176.8W, 0.1, h100km, n11, -0.190/11, mb4.0/5, South of Fiji Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MSFV, NIUE, NIUE, etc.

ISC 29 18:32:15.9, 1.3, 81.66S, 70.82W, h0km, mb3.6/3, mb1 4.0/6, mb1mx3.6/28, mbtmp3.8/6, ML4.0/3, MS3.0/2, Ms1 3.0/2, ms1mx2.6/23, Error ellipse: s-maj=37.2km s-min=22.4km az=56.0

GUC 29 18:32:15.9, 1.3, 81.66S, 70.82W, h38km, 3km, ML3.6

ISC 29 18:32:19.0, 0.7, 18.65S, 0.04:70.72W, 0.06, h21km, 5km, n26, c110/31, SC-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PB12, PB12, AP01, etc.

Table with columns: TBI, comp, 50.66, 63, eLQ, LQ, 19 06 52.4, etc. Includes stations like Tubuai, Kununurra, Port Moresby, Manton Dam, Funafuti, etc.

NNC 29 19:08:35.21.9, 48.141N-67.30E, h0km, mb3.6, mpv3.3, 5C-3D, Error ellipse: s-maj=20.4km s-min=13.1km az=179.0, Suspected Mining explosion., Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Akbulak array, Borovoy, Karatay Array, etc.

MOS 29 19:18:03.8.0.9, 45.65N-26.47E, h135km, mb4.9/23, Error ellipse: s-maj=3.3km s-min=2.5km az=105.2, PDG 29 19:18:04.7.1.2, 45.58N-26.39E, h33km, mb4, ML4.4/12, Error ellipse: s-maj=1.5km s-min=2.2km az=0, IDC 29 19:18:04.9.0.2, 45.63N-26.26E, h134km, mb4, 3/3, mb1 3/4/7, mb2 mx4.2/65, mbtmp4.6/47, MS3.3/14, MS1 3.3/14, ms1mx3.0/64, Error ellipse: s-maj=8.1km s-min=6.6km az=163.0, BUC 29 19:18:05.1.0.2, 45.61N-26.47E, h134km, mb2, ml5.0/68, Error ellipse: s-maj=1.5km s-min=1.4km az=2.0, MED_RC 29 19:18:05.0.0.3, 45.72N-26.60E, h121km, mb4, MW4.7/33, Moment Tensor Solution. Body waves: s2,c2,Mantle waves: s3,c47; Duration: 191 Moment Tensor: Scale 10^16Nm; Mr: 1.41e-05; Mbb-0.22e-06; Mbb-1.19e-06; Mbb-0.01e-06; Mbb-0.60e-09; Mbb-0.46e-06; Best double couple: Mb: 1.52000e+10; Np1: 3.30000e+07; s37: 0.0000e+00; 1.102e+09; 198.0000e+00; s53: 0.0000e+00; 1.810000e+00; Principal axes: T: 4900, Plg7.0000e+00; Azm73.0000e+00; N: 0.0400, Plg7.0000e+00; Azm204.0000e+00; P: -1.5400, Plg8.0000e+00; Azm295.0000e+00; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=35s. NEIC 29 19:18:05.1.1.7, 45.60N-26.45E, h138km, 3km Error ellipse: s-maj=7.0km s-min=6.3km az=216.0, SIGU 29 19:18:05.0.0.1, 46.1N-26.6E, h135km, mb4.5/14, SOF 29 19:18:05.4.5, 45.63N-26.38E, h100km, MD4.6, GCMT 29 19:18:07.1.0.3, 45.55N-26.57E, h125km, 3km, MW4.7/98, Moment Tensor Solution. s23,c23; s9b,c119; Duration: 0 Moment Tensor: Scale 10^16Nm; Mr: 1.46e-06; Mbb-0.92e-12; Mbb-0.43e-08; Mbb-0.26e-10; Mbb-0.52e-06; Best double couple: M1: 4.5000e+10; Np2: 2.110000e+09; s59: 0.0000e+00; 1.950000e+00; Principal axes: T: 1.6530, Plg76.0000e+00; Azm134.0000e+00; N: -0.4070, Plg4.0000e+00; Azm29.0000e+00; P: -1.2470, Plg14.0000e+00; Azm298.0000e+00; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bisoca, Plostina, Vrincoiaia, Muntele Rosu, etc.

Table with columns: BUCI, Bucharest, 1.32, 193, P, Pn, 19 18 31.7, +0.1, etc. Includes stations like Bucharest, Gurov, Bicaz, etc.

Table with columns: NR/K, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like NR/K, DGZ, SOCY, WMQ, SFJD, etc.

Table with columns: MA2, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like MA2, CN2, TOLK, SLVN, etc.

Table with columns: ASAJ, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAJ, JKA, BR/LK, etc.

MAN 29 19:26:57.2, 4.80N, 127.09E, h1km, mb4.9, ML3.9, MS3.9
NEIC 29 19:27:02.8, 1.4, 4.68N, 0.07E, 127.1E, 0.1, h83km, 9km,
mb4.1/20, ER ellipse: s-maj=18.0km s-min=7.8km
az=66.0
IDC 29 19:27:03.0, 1.4, 4.72N, 127.17E, h88km, 13km, mb3.7/9,
mb1.3/8/11, mb1mx3.5/3, mbtmp/0/11, MS3.1/1,
Ms1.3/1/1, ms1mx2.3/46, ER ellipse: s-maj=40.8km
s-min=8.7km az=64.0
DJA 29 19:27:04.0, 0.8, 4.1N, 5.127E, h130km, 24km, M4.3/12,
mb4.3/6, mb4.7/3, MLV4.3/12, MW(m)9.3/9/3
ISC 29 19:27:02.8, 0.5, 4.63N, 0.05E, 126.93E, 0.08, h81km, n55,
e1876/64, mb4.1/15, 1C-ID, Talau Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DDMP, MATI, MATI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSHA Boshof, ARCES ARCES Array B, ARCES ARCES Array B, FINES FINES Array B, etc.

MAN 29 19:43:02.8, 8.00N, 125.15E, h33km, mb3.5, ML2.1, MS1.5, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CGP Cagayan de Oro, CGP Cagayan de Oro, CTBH Cotabato-PC H, etc.

IDC 29 19:45:24.5, 53.0, 15.55S, 172.80W, h0km, mb4.4/3, mb1.4/0.9, mb1mx3.6/3.9, mbtmp4.4/3, Error ellipse: s-maj=1028.0km s-min=170.3km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warrunga Arr, ASAR Air Springs, etc.

LDG 29 19:46:16.1, 0.3, 48.74N, 6.30E, h2km, Md2.5/1, ML2.4/9, Error ellipse: s-maj=4.4km s-min=2.7km az=16.0, BGR 29 19:46:29.3, 0.9, 48.70N, 6.45E, h1km, ML1.7/4, Error ellipse: s-maj=12.2km s-min=3.3km az=67.0, ISC 29 19:46:17.5, 1.1, 48.68N, 0.05, 6.25E, 0.03, h0km, n17, a182/25, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAGF Fort de Pagny, PAGF Fort de Pagny, HAU Hautdopme, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDF, ECH Echery, MEZF Maizieres J'vi, MEZF, SFTF Sextfontaines, etc.

CNRM 29 20:00:27.5, 0.7, 36.53N, 6.81W, h0km, Error ellipse: s-maj=8.9km s-min=5.5km az=52.0, MDD 29 20:00:33.0, 4.1, 36.52N, 6.98W, h46km, 26km, mb3.9/5, Error ellipse: s-maj=8.8km s-min=3.9km az=15.0, PRXIMO INMG 29 20:00:33.0, 1.5, 36.48N, 6.99W, h31km, ML1.8, Error ellipse: s-maj=5.0km s-min=3.0km az=20.0, IGL 29 20:00:33.9, 36.48N, 6.99W, h31km, ML1.9, ISC 29 20:00:30.4, 1.2, 36.51N, 0.05, 6.98W, 0.03, h32km, 12km, n47, a132/83, 2C, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESPR Espera, ESDP Barranco-do-Ve, PBDV Barranco-do-Ve, PVAQ Vaqueiros, etc.

PTEO Sao Teotônio, PTEO Sao Teotônio, PTEO Sao Teotônio, EMIJ Mijas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBEJ Beja, PBEJ Beja, PTEO Sao Teotônio, etc.

EBAD Badajoz, EBAD Badajoz, PESTR Estremoz, EADA Adamuz, EADA Adamuz, ELGU Los Guajares, ELGU Los Guajares, PMTG Montargil, PMTG Montargil, PMTG Montargil, PMRV Marv??o, PMRV Marv??o

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMRV Marv??o, PMRV Marv??o, PMRV Marv??o, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMRV Marv??o, EBER Berja, PSBE So Bento, EQES Quesada, EQES Quesada, PAB San Pablo, PAB San Pablo, PAB San Pablo, etc.

IDC 29 20:31:25.2, 0.9, 0.42S, 132.99E, h0km, mb3.6/8, mb1.3.8/9, mb1mx3.6/3.7, mbtmp3.6/9, ML3.9/1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/3.0, Error ellipse: s-maj=18.0km s-min=15.1km az=162.0, DJA 29 20:31:28.5, 0.7, 0.5, 13.3E, h10km, M4.1/8, MB4.8/5, mb4.3/6, mb1mx4.0/8, mbtmp4.0/8, ISC 29 20:31:30.4, 0.8, 0.34S, 0.08, 132.87E, 0.07, h32km, n19, a139/17, mb3.5/6, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, SIJI Sorong, RKPI Ransiki, FAKI FAKI, FAKI FAKI, LBMI Labuha, AAI Ambon, GUMO Guam, WRA Warrunga Arr, ASAR Air Springs, STKA Stephens Creek, CMAR Chiang Mai Arr, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, SONM Songo Arr, MKAR Makanchi Arr, KURBA Kurba Arr, BVAR Borovoye Arr, ILAR Eielson Arr

IDC 29 20:31:36.8, 1.4, 8.99S, 123.72E, h0km, mb3.9/2, mb1.3.8/5, mb1mx3.5/3.9, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=119.2km s-min=24.3km az=64.0, DJA 29 20:31:46.8, 0.5, 9.5, 7.7, 12.4E, h91km, 7km, M3.7/7, mb4.0/4, MLV3.5/7, ISC 29 20:31:46.7, 0.9, 9.58S, 0.09, 123.58E, 0.09, h100km, n10, a234/14, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, SOEI Soe, MMRI Maumere, BASI Baing Sumba, WBSI Waikabubak, PLAI Plampang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warrunga Arr, ASAR Air Springs, ASAR Air Springs, MKAR Makanchi Arr, ZALV Zalesovo Beam

JMA 29 20:34:48.1, 0.4, 31.65N, 141.25E, h0km, M3.5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAOM Agoshimamukai, JHCJ Hachiojimakas, HJ22 Hitsuji, JMKN Mikurajimashi, BSO1 Boso 1, BSO2 Boso 2, TK02 Tokai 2, JHU Hanno, JHU Hanno, JRY Ryogami san, JRY Ryogami san, JFK Kawauchi

IDC 29 20:42:39.5, 1.1, 19.67S, 70.40W, h0km, mb3.7/3, mb1.4/0.6, mb1mx3.8/2.2, mbtmp3.8/6, ML4.0/3, MS2.9/3, Ms1 2.9/3, ms1mx2.6/2.7, Error ellipse: s-maj=35.2km s-min=16.8km az=75.0, NEIC 29 20:42:40.6, 2.0, 19.76S, 0.03, 70.47W, 0.03, h13km, 3km, mb4.0/3, Error ellipse: s-maj=5.0km s-min=2.1km az=140.0

GUC 29 20:42:41.9, 0.8, 19.78S, 70.41W, h35km, 3km, ML4.1, ISC 29 20:42:41.9, 0.3, 19.77S, 0.02, 70.45W, 0.04, h8km, 9km, n59, a112/69, 6C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, PB11 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLY Manley, SML Sawmill, RND Reinder, etc.

NEIC 29121:07:29.2, 1.6, 20.4S; 0.1x177.5W; 0.1, h47km, g8km, mb4.3/5.4, Error ellipse: s-maj=18.9km s-min=15.4km

IDC 29121:07:29.3, 1.9, 20.28S; 177.65W, h458km, 2.9km, mb3.4/1.0, mb1.3, 7.7/2, mb1mx3.5/3.1, mbtmp3.4/1.2, Error ellipse: s-maj=21.3km s-min=12.9km az=129.0

ISC 29121:07:31.3, 0.5, 20.28S; 0.08:177.54W; 0.08, h500km, n99, c1966/97, mb4.2/35, Fiji Islands region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSFV Nonavu, AFI Afiamalu, AFI Afiamalu, etc.

Table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSAA2 Pilbara Seismi, PSAC3 Pilbara Seismi, PSAA1 Pilbara Seismi, etc.

IDC 29121:11:56.5, 0.8, 8.76S; 67.54E, h0km, mb4.0/1.1, mb1.4/1.1, mb1mx3.8/5.2, mbtmp3.4/0.11, MS3.6/6, Ms1.3/0.6, m1mx3.2/3.7, Error ellipse: s-maj=30.3km s-min=16.1km az=149.0

NEIC 29121:11:57.6, 1.6, 8.7S; 0.1x67.62E; 0.09, h10km, 1km, mb4.4/1.0, Error ellipse: s-maj=18.0km s-min=15.0km az=196.0

ISC 29121:11:57.9, 0.7, 8.75S; 0.1:67.60E; 0.09, h10km, n30, c0912/23, mb4.2/14, MS3.6/6, Mid-Indian Ridge

Table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGAR Diego Garcia, AKAC Akaroa Harbour, MSEA Mahe Island, etc.

IDC 29121:18:29.5, 64.0, 18.28S; 169.33E, h0km, mb3.8/3, mb1.3/9.3, mb1mx3.5/4.8, mbtmp3.8/3, Error ellipse: s-maj=109.0km s-min=121.8km az=73.0, Vanuatu Islands

Table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, DZM Mont Dzumac, etc.

Table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JMST Minamisoumatoc, JFJK Kawachi, etc.

NEIC 29121:25:25.9, 1.7, 43.63S; 0.07x172.88E; 0.09, h18km, 10km, Error ellipse: s-maj=12.3km s-min=6.4km az=133.0

WEL 29121:25:25.3, 43.63S; 0.17x172.0E; 0.6, h7km, M4, 1/59, M4.3/7, M4V4, 1/59, Error ellipse: s-maj=0.0km s-min=0.0km az=33.8

ISC 29121:25:25.8, 1.0, 43.60S; 0.03:172.78E; 0.03, h13km, g9km, n114, c1905/121, South Island

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOZ McQueen's Vall, MOZ McQueen's Vall, MOZ McQueen's Vall, etc.

29d 21h

Table with columns: Station Name, Az, El, P, Ph, Time, Res. Includes stations like TUUV, KAHZ, NGZ, TWVZ, etc.

THE 29 21:30:49.5, 38.389N, 20.46E, h4km, 2km, ML2.5/13, Error ellipse: s-maj=2.7km s-min=0.3km az=136.0

ATH 29 21:30:49.1, 38.389N, 20.48E, h10km, 2km, ML2.4/14, Error ellipse: s-maj=2.1km s-min=0.7km az=260.0

ISC 29 21:30:48.3, 0.8, 38.389N, 0.02, 20.46E, 0.02, h13km, 4km, n64, f1500/100, Greece

Main station list table with columns: Code, Station Name, Az, El, P, Ph, Time, Res. Includes stations like VSK1, KONA, KEF1, etc.

2014 MAR

Table with columns: Station Name, Az, El, P, Ph, Time, Res. Includes stations like ANX, ANX, ANX, etc.

IDC 29 21:32:44.6, 1.0, 33.88N, 117.84W, h0km, mb4.07, mb1 4.0/13, mb1mx3.8/40, mbmp3.8/13, ML3.76, MS3.6/4, Ms1 3.6/4, ms1mx3.0/40, Error ellipse: s-maj=13.9km s-min=7.6km az=46.0

ANF 29 21:32:44.8, 0.3, 33.95N, 117.89W, h7km, 2km, ML4.7/46, Error ellipse: s-maj=2.0km s-min=1.8km az=41.0

IASPEI 29 21:32:45.4, 0.8, 33.95N, 0.02, 117.89W, 0.01, h17km, 5km, mb4.4/19, Error ellipse: s-maj=2.4km s-min=2.0km az=31.2, GTS selection from ISC bulletin GTS identified by Bondi and McLaughlin (2009) selection criteria Bondi and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Let., 80,465-472, 2009

SCEDC 29 21:32:45.9, 33.96N, 117.89W, h9km PAS 29 21:32:45.9, 2.2, 33.96N, 0.04, h9km, 2km, Mw4.1/6, mb4.4/40(NEIC), Error ellipse: s-maj=5.5km s-min=4.2km az=168.0

NEIC 29 21:32:46.5, 2.4, 33.87N, 0.05, 117.89W, 0.05, h14km, 3km, Error ellipse: s-maj=8.7km s-min=4.4km az=214.0

ISC 29 21:32:46.7, 0.6, 33.94N, 0.01, 117.89W, 0.01, h16km, 4km, n324, s147/381, mb4.4/19, Southern California

Main station list table with columns: Code, Station Name, Az, El, P, Ph, Time, Res. Includes stations like FULC, FULC, FULC, etc.

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Main station list table with columns: Station Name, Az, El, P, Ph, Time, Res. Includes stations like BTPC, EDW2, EDW2, etc.

Table with columns: Y12C, Blythe, 2.81 93 Pn, Pn, 21 33 30.0 +0.9, etc. Lists various stations and their coordinates.

Table with columns: YPP, Litchstone Plaza, 11.68 26 Pn, Pn, 21 35 33.7 +0.8, etc. Lists various stations and their coordinates.

Table with columns: RODP, lera Moni Meta, 0.86 104 S, Sn, 21 51 08.8 -0.9, etc. Lists various stations and their coordinates.

Code Station Name A° AZ° Phase ID h Time Res
KTHR Kythira 0.59 4 Op ISC h 5m ISC
RODP Rodopos 0.66 99 P Pn 21 50 59.0 -0.7

Table with columns: NVR, comp, AML, AML, 23 10 20.5, and various station names like Platees, Loutrak, etc.

Table with columns: ILAR, TXAR, PDAR, and various station names like Eielson Array, Lajitas Array, etc.

Table with columns: VRAC, WATA, SQTA, SOTA, MOTA, META, GOTA, RETA, DAVX, BRTR, HFS, NOI, GNI, FINES, ZALV, MKAR, SOMM, YKA, SAUI, BNDI, AAI, FAKI, SIJI, SANI, SOEI, SOEI, RKPI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, CTA, LEM, STK, SOMM, MKAR, ZALV, GEYT, NEIC, VAO, GUC, BUI, IDC, ISC, and various station names like Vranov, Waleram, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, and various station names like RAO, STKA, WRA, ASAR, etc.

30d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PARS Paraibuna, BSCB Bom Sucesso, SJBMS Sao Joao De Ma, etc.

JMA 30 01:16:28.9, 23:56N; 121:58E, h23km, 2km, M2.8
TAP 30 01:16:29.2, 23:56N; 121:55E, h29km, ML3.4, C
ISC 30 01:16:29.4, 0.9, 23:57N, 0.02, 121:56E, 0.02, h30km, 5km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HGSD Ruisui, EGSH Guangfu, EGFH Guangfu, etc.

2014 MAR

Table with columns: SMLT, SMLT, ALS, ALS, TYC, TYC, DPDB, DPDB, TDCB, TDCB, WJS, WJS, CHNS, CHNS, STYT, STYT, TWH, TWH, WNT, WNT, TWGB, TWGB, TWG, TWG, NNSB, NNSB, NNSH, NNSH, ENA, ENA, NNS, NNS, TPUB, TPUB, WHP, WHP, CHN4, CHN4, WKG, WKG, WTP, WTP, WDLH, WDLH, TCU, TCU, CHN2, CHN2, SGST, SGST, CHN1, CHN1, CHN1, CHN1, TWK, TWK, NDT, NDT, CHY, CHY, WCHH, WCHH, ENT, ENT, ENT, ENT, FULB, FULB, FULB, FULB, CHKT, CHKT, CHKT, CHKT, TWD, TWD, OWD, OWD, OWD, OWD, YUS, YUS, YUS, YUS, CHGB, CHGB, CHGB, CHGB, NACB, NACB, ELDTW, ELDTW, ELDTW, ELDTW, WHF, WHF, WHF, WHF, ETHL, ETHL, ETHL, ETHL, WHYT, WHYT, WHYT, WHYT

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Table with columns: NWLT, NWLT, WTCT, WTCT, WSF, WSF, MASBT, MASBT, MASBT, MASBT, WLBT, WLBT, EAST, EAST, TATO, TATO, TIPB, TIPB, SCZT, SCZT, SCZT, SCZT, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, YMO1, YMO1, YMO4, YMO4, YMO11, YMO11, YOJ, YOJ, WDG, WDG, PHUB, PHUB, PNG, PNG, PNG, PNG, VCHM, VCHM, VCHM, VCHM, IRIF, IRIF, JKRS, JKRS, JKRS, JKRS, JIJ, JIJ, JIJ, JIJ, PTTC, PTTC, PTTC, PTTC, JISG, JISG, JISG, JISG, MATB, MATB, KNM, KNM, KNM, KNM, KNMB, KNMB, KNMB, KNMB, JTJ, JTJ, JTJ, JTJ, MHZO, MHZO, ZPLA, ZPLA, AXDP, AXDP, AXDP, AXDP

IDC 30 01:28:25.3, 3.4, 32.36S; 178:34W, h0km, mb3.6/2, mb1.3/3, mb1mx3.7/35, mbtmp3.6/3, ML3.4/1, Error ellipse: s-maj=74.2km s-min=47.9km az=111.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B

IDC 30 01:29:51.3, 6.9, 2:49N; 128:37E, h88km, 81km, mb3.0/3, mb1.3/3, mb1mx3.1/33, mbtmp3.4/4, ML3.8/1, Error ellipse: s-maj=137.2km s-min=25.6km az=69.0, ISC 30 01:29:49.5, 1.2, 2:00N, 151:17E, h84km, Moment Tensor mb3.4/3, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SIJI Sorong, SIJI Sorong, DDMP Don Marcelino, SKMP Bagumbayan, KCP Kidapawan, WRA Warramunga Arr, ASAR Alice Springs, MKAP

BGR 30 01:32:49.2, 0.0, 62:12N; 149:51W, h33km, mb4.8
MOS 30 01:32:52.0, 0.8, 62:32N; 151:34W, h82km, mb5.0/54, Error ellipse: s-maj=9.8km s-min=4.3km az=95.1
NEIC 30 01:32:53.7, 1.7, 62:24N; 151:26W; 0.04, h85km, 4km, Error ellipse: s-maj=5.2km s-min=2.2km az=193.0
NEIC 30 01:32:54, 62:22N, 151:14W, h84km, Moment Tensor Solution: Moment tensor: Scale 10^16Nm; M0: 68; M1: 0.62; M2: 0.06; M3: 0.07; M4: 1.72; M5: 2.59; Fault plane solution: M3: 1.7000; 1016; NP1: 92.070000; 534.200000; 1.13.220000; NP2: 351.070000; 882.610000; 1.23.496000; Principal axes: T: 3.24665, Plg43.00000; Azm293.00000; N: -0.1533, Plg33.00000; Azm166.00000; P: -3.0932, Plg30.00000; Azm54.00000; AEIC 30 01:32:54.1, 6.6, 62:22N; 0:03:151.23W; 0:08, h83km, 3km, ML4.7/149, mbs: 1/384(NEIC), Mw4.9/67(NEIC) Error ellipse: s-maj=5.5km s-min=4.8km az=59.0
IDC 30 01:32:54, 1:0, 62:37N; 151:26W; 1.67km, mb4.4/33, MS3 3/6/30, ms1mx3.5/41, Error ellipse: s-maj=9.3km s-min=6.9km az=24.0
GCMT 30 01:32:56.0, 2.6, 62:43N; 0:02:151.26W; 0:03, h102km, 2km, MW5.0/119, Moment Tensor Solution. s58.c66; s119.c187; Duration: 0 Moment tensor: Scale 10^16Nm; M0: 56.12; M1: 1.52; 12; M2: 0.95; 14; M3: -0.36; 07; M4: 2.78; 11; M5: 2.92; 06; Best double couple: M4: 26000x10^16; NP1: 81.000000; 846.000000; 7.8.000000; NP2: 346.000000; 864.000000; 1.136.000000.

M52A	Chesterland	45.19	83	P	P	01 41 02.7 +1.0
N51A	Ashland	45.20	85	P	P	01 41 02.3 +0.5
P49A	Miami Univ. Ec	45.20	88	P	P	01 41 01.0 -0.9
Q48A	North Vernon	45.21	89	P	P	01 41 01.7 -0.2
W41B	Gary Mavity, V	45.22	99	P	P	01 41 01.4 -0.6
O50A	Cable	45.23	87	P	P	01 41 02.3 +0.2
G57A	Newington	45.34	75	P	P	01 41 02.7 -0.2
ERPA	Erie	45.37	82	P	P	01 41 04.0 +0.9
L53A	Girard	45.37	82	P	P	01 41 04.2 +1.0
ACSO	Alum Creek Sta	45.46	86	P	P	01 41 04.1 +0.2
WHTX	Lake Whitney	45.49	106	I	Amb	01 41 05.8
WHTX	Lake Whitney	45.49	106	P	P	01 41 04.6 +0.4
UALR	University of	45.50	99	I	Amb	01 41 04.9
WCI	Wyandotte Cave	45.51	91	P	P	01 41 04.4 +0.1
WCI	Wyandotte Cave	45.51	91	P	P	01 41 04.4 +0.1
Q49A	Aurora	45.54	89	P	P	01 41 04.1 -0.4
P50A	Jamestown	45.57	87	P	P	01 41 05.0 +0.2
M53A	WI Miller and	45.58	83	P	P	01 41 05.9 +1.1
K54A	Basiliko Farm,	45.58	80	P	P	01 41 05.5 +0.7
L54A	Sinclairville	45.59	81	P	P	01 41 05.7 +0.8
N52A	McGinn's Farm,	45.60	84	P	P	01 41 05.4 +0.4
H57A	Richville	45.66	76	P	P	01 41 05.2 -0.1
O51A	Pataskala	45.70	86	P	P	01 41 06.2 +0.4
G58A	Ormslow	45.73	74	P	P	01 41 05.7 -0.2
JCT	Junction City	45.73	110	I	Amb	01 41 09.1
JCT	Junction City	45.73	110	P	P	01 41 07.4 +1.2
F59A	Saint Guillaume	45.76	73	P	P	01 41 06.0 -0.2
D60A	Saint Jean D'O	45.77	71	P	P	01 41 06.0 -0.2
K55A	Perry	45.78	80	P	P	01 41 06.6 +0.3
D61A	St Aubert, Com	45.88	70	P	P	01 41 07.3 +0.3
LONV	Lake Ozonia	45.90	75	P	P	01 41 06.8 -0.5
I57A	Carthage	45.94	77	P	P	01 41 07.7 +0.1
E60A	Ste Agathe de	45.96	71	P	P	01 41 07.9 +0.2
R49A	Shelbyville	45.98	89	I	Amb	01 41 08.5
R49A	Shelbyville	45.98	89	P	P	01 41 07.9 -0.1
M54A	Oil Creek Stat	46.00	82	P	P	01 41 08.8 +0.7
N53A	Lisbon	46.00	84	P	P	01 41 08.8 +0.7
P51A	Williamsport	46.02	87	I	Amb	01 41 09.1
P51A	Williamsport	46.02	87	P	P	01 41 08.2 -0.1
L55A	Hinsdale	46.03	81	P	P	01 41 09.1 +0.6
F60A	Warwick	46.04	72	P	P	01 41 08.3 -0.1
WLAR	White Oak Lake	46.05	100	I	Amb	01 41 10.1
O52A	Adamsville	46.09	85	P	P	01 41 09.2 +0.3
Q50A	Georgetown	46.10	88	P	P	01 41 09.0 +0.1
T47A	Sharon Grove	46.13	92	I	Amb	01 41 11.3
K56A	Middlesex	46.14	79	P	P	01 41 09.6 +0.3
G59A	Clarenceville	46.18	74	P	P	01 41 09.4 0.0
FRNY	Flat Rock	46.18	74	I	Amb	01 41 09.6
H58A	Gabriels	46.24	75	P	P	01 41 09.7 -0.3
Q51A	Peebles	46.25	87	P	P	01 41 10.4 +0.3
O53A	New Philadelphia	46.27	84	P	P	01 41 10.5 +0.3
N54A	Moraine State	46.28	83	P	P	01 41 10.9 +0.6
H59A	Cadyville	46.28	75	P	P	01 41 10.1 -0.2
USRK	Ussuriysk Ar.	46.30	284	P	P	01 41 09.2 -1.3
USRK	Ussuriysk Ar.	46.30	284	P	P	01 41 32.0 +0.7
USRK	Ussuriysk Ar.	46.30	284	P	P	01 41 08.8 -1.6
HPIG	Ussuriysk Ar.	46.31	118	I	Amb	01 41 13.5
P52A	Corning	46.33	86	P	P	01 41 10.6 -0.1
E61A	Lac Etchemin	46.33	71	P	P	01 41 10.8 +0.1
S49A	Springfield	46.34	90	P	P	01 41 11.0 +0.2
R50A	Paris	46.38	89	I	Amb	01 41 12.2
R50A	Paris	46.38	89	P	P	01 41 11.2 +0.1
X43A	Marvell	46.39	98	P	P	01 41 11.8 +0.6
M55A	Ridgway	46.44	81	P	P	01 41 12.5 +0.9
I58A	Old Forge	46.45	76	P	P	01 41 11.5 -0.1
435B	Jarrell	46.46	107	P	P	01 41 13.0 +1.2
F61A	St Evariste	46.46	71	P	P	01 41 11.7 0.0
D62A	Allapont, All	46.47	69	I	Amb	01 41 12.9
D62A	Allapont, All	46.47	69	P	P	01 41 12.2 +0.5
L56A	Greenwood	46.48	80	P	P	01 41 12.5 +0.6
K57A	Scipio Center	46.49	79	P	P	01 41 12.2 +0.2
WVT	Waverly	46.49	94	P	P	01 41 12.4 +0.4
WVT	Waverly	46.49	94	P	P	01 41 12.4 +0.4
WVT	Waverly	46.49	94	P	P	01 41 12.6 +0.6
G60A	Masonville	46.54	73	P	P	01 41 12.5 +0.1
Z41A	Richland Creek	46.55	101	P	P	01 41 13.3 +0.8
J58A	Remsen	46.56	77	P	P	01 41 12.6 +0.1
M56A	Emporium	46.70	81	P	P	01 41 14.3 +0.7
O54A	Aveila	46.71	84	P	P	01 41 14.4 +0.7
R51A	Hillsboro	46.72	88	P	P	01 41 14.3 +0.5
T49A	Edmonton	46.77	91	P	P	01 41 14.6 +0.4
P53A	Whipple	46.79	85	P	P	01 41 14.6 +0.2
H60A	Morristown	46.80	74	P	P	01 41 14.2 -0.1
Q52A	Bidwell	46.80	86	P	P	01 41 14.4 0.0
J59A	Piesco	46.83	76	P	P	01 41 14.5 -0.2
S50A	Richmond	46.84	89	P	P	01 41 14.8 +0.1
I59A	Olmsteadville	46.86	76	P	P	01 41 14.7 -0.2
N55A	Marion Center	46.88	82	P	P	01 41 15.9 +0.8
L57A	Andrews Acres	46.91	79	P	P	01 41 15.7 +0.5
D63A	Stockholm	46.91	68	P	P	01 41 15.5 +0.3
NATX	Nacogdoches	46.95	103	P	P	01 41 16.7 +1.0
NATX	Nacogdoches	46.95	103	I	Amb	01 41 17.4
NATX	Nacogdoches	46.95	103	P	P	01 41 16.6 +1.0
OXF	Oxford	47.02	98	P	P	01 41 17.4 +0.8
N56A	West Decatur	47.10	81	P	P	01 41 17.4 +0.7
P54A	Burdett	47.13	84	P	P	01 41 17.3 +0.3
BINY	Binghamton	47.15	79	I	Amb	01 41 18.1
BINY	Binghamton	47.15	79	P	P	01 41 17.4 +0.3
T50A	Nancy	47.16	90	P	P	01 41 17.9 +0.6
H61A	Lyndonville	47.16	73	P	P	01 41 17.4 +0.2
O55A	Ligonier	47.19	83	P	P	01 41 18.0 +0.5
Q53A	Leroy	47.23	86	P	P	01 41 18.2 +0.4
S51A	Beattytville	47.25	89	P	P	01 41 18.2 +0.3
E63A	Oxbow	47.25	69	I	Amb	01 41 18.3
E63A	Oxbow	47.25	69	P	P	01 41 17.3 -0.5
G62A	West of Eustis	47.25	72	I	Amb	01 41 18.6
G62A	West of Eustis	47.25	72	P	P	01 41 18.0 +0.1
V48A	Smith Brothers	47.28	93	I	Amb	01 41 19.6
M57A	Sunshine Farm	47.30	80	I	Amb	01 41 19.5
M57A	Sunshine Farm	47.30	80	P	P	01 41 18.8 +0.5
L58A	Harry Jones Me	47.33	79	P	P	01 41 19.1 +0.5
MCWV	Mont Chateau	47.38	84	P	P	01 41 19.1 +0.3
MCWV	Mont Chateau	47.38	84	P	P	01 41 19.6 +0.7
S52A	Salyersville	47.45	88	P	P	01 41 20.1 +0.6
Q54A	Coxs Mills	47.45	85	I	Amb	01 41 20.4
Q54A	Coxs Mills	47.45	85	P	P	01 41 19.7 +0.2
R53A	Hurricane	47.46	87	P	P	01 41 20.0 +0.5
H62A	Blue Knob Stat	47.48	82	P	P	01 41 19.9 +0.2
O56A	Blue Knob Stat	47.48	82	P	P	01 41 20.4 +0.6
J60A	Lant Hill Farm	47.50	76	P	P	01 41 20.0 +0.3
P55A	Reedsville	47.51	84	P	P	01 41 20.5 +0.6
I61A	Oroboro, Fairl	47.51	74	P	P	01 41 20.4 +0.5
SSPA	Standing Stone	47.51	81	P	P	01 41 20.1 +0.3
SSPA	Standing Stone	47.51	81	I	Amb	01 41 20.7
SSPA	Standing Stone	47.51	81	P	P	01 41 20.4 +0.5
F63A	Nahmaktanta, Br	47.51	70	P	P	01 41 20.1 +0.2
E64A	Bridgewater	47.51	69	P	P	01 41 19.7 -0.1
N57A	Milroy	47.57	81	P	P	01 41 20.9 +0.5
M58A	Price's Panora	47.58	80	P	P	01 41 20.8 +0.3
T51A	Gray	47.63	89	P	P	01 41 21.2 +0.4
HIA	Hailar	47.71	298	I	Amb	01 41 21.5
F64A	Sherman	47.72	70	P	P	01 41 21.7 +0.3
G63A	Kingsbury	47.74	71	P	P	01 41 21.9 +0.3
PKME	Peaks-Kenny Pk	47.77	71	I	Amb	01 41 22.9
PKME	Peaks-Kenny Pk	47.77	71	P	P	01 41 22.2 +0.4
Q55A	Buckhannon	47.80	85	P	P	01 41 22.7 +0.5
N58A	Sunbury	47.89	80	P	P	01 41 23.3 +0.5
S53A	Williamson	47.90	87	P	P	01 41 23.4 +0.4
M5HR	Mys Shultsa	47.95	284	eP	P	01 41 22.5 -0.7
HKT	Hockley	47.96	106	P	P	01 41 24.5 +1.1
HKT	Hockley	47.96	106	P	P	01 41 24.5 +1.1
HKT	Hockley	47.96	106	P	P	01 41 24.5 +1.1
T52A	Halla	47.96	89	P	P	01 41 24.2 +0.7
O57A	Ambersson	47.96	82	P	P	01 41 24.3 +0.9
P56A	Dayton Farm, R	47.97	83	P	P	01 41 24.2 +0.7
G64A	Maxfield	48.01	70	P	P	01 41 23.9 +0.2
R54A	Victor	48.03	86	P	P	01 41 24.3 +0.3
TZTN	Tazewell	48.15	89	P	P	01 41 25.7 +0.7
Q56A	Snyder Ridge,	48.18	84	P	P	01 41 25.5 +0.5
S54A	Dingess Beckl	48.18	87	P	P	01 41 25.5 +0.3
X48A	Hartselle	48.23	94	I	Amb	01 41 26.5
J62A	Heniker	48.24	74	P	P	01 41 25.7 +0.3
N59A	State Game Lan	48.26	79	P	P	01 41 26.1 +0.4
L61A	Hillsdale 1, H	48.26	77	P	P	01 41 26.2 +0.5
T53A	Wise	48.27	88	P	P	01 41 26.6 +0.7
R55A	Marlinton	48.35	85	I	Amb	01 41 28.8
R55A	Marlinton	48.35	85	P	P	01 41 27.1 +0.6
O58A	Homesterry	48.36	81	P	P	01 41 27.2 +0.7
P57A	Leicester Farm	48.37	82	P	P	01 41 27.4 +0.9
W50A	Signal Mountai	48.42	92	I	Amb	01 41 28.4
M60A	Port Jervis	48.46	78	P	P	01 41 27.3 +0.1
ARCES	ARCES Array B	48.47	2	P	P	01 41 26.2 -0.7
ARCES	ARCES Array B	48				

30d 3h

Table of station data for the 30-day 3-hour period, including station names, coordinates, and various parameters like SNR and error rates.

2013 MAR

Main table of station data for March 2013, listing station names, coordinates, and performance metrics.

1670

Table of station data for the 1670 frequency range, including station names and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station data for WRA, ASAR, and MKAR.

Station data for IDC 03:03:48:22.0, 11.0, 25.65N:143.86E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/7.5, mbtm3.3/3, Error ellipse: s-maj=417.3km s-min=36.0km az=72.0, Volcano Islands region.

Station data for IDC 03:03:53:49.5, 1.0, 14.66N:39.91E, h0km, mb4.2/16, mb1 4.2/18, mb1mx4.0/5.9, mbtm4.2/18, ML3.8/2, MS3.4/9, Ms1 3.4/9, ms1mx3.0/4.2, Error ellipse: s-maj=24.8km s-min=16.1km az=36.0.

Station data for NEIC 03:03:53:50.8, 1.2, 14.48N:0.08E:39.7E:0.1, h16km, 5km, mb4.6/19, Error ellipse: s-maj=14.8km s-min=11.5km az=101.0.

Station data for EAF 03:03:54:57.1, 5.0, 11.12N:39.65E, h0km, 23km, IAF 03:03:53:51.5, 0.5, 14.52N:0.05E:39.84E:0.08, h18km, n71, e1504/66, mb4.2/31, MS3.5/7, Theta ID.

Table of station data for the 1670 frequency range, including station names, coordinates, and various parameters like SNR and error rates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Sao Teotonio, Marnele, Nicolau / Gran, etc.

IASPEI 30 06:17:31.2-0.8, 33.90N-117.94W, 0.02, h14km, 5km, Error ellipse: s-maj=2.6km s-min=1.1km az=22.1, 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., 46, 465-472, 2009

ANF 30 06:17:31.2-0.2, 33.91N-117.93W, h11km, 2km, ML3.1/23, Error ellipse: s-maj=1.6km s-min=1.5km az=73.0

SCEDC 30 06:17:31.5, 33.90N-117.94W, h0km, Error ellipse: s-maj=1.3km s-min=1.1km az=117.94W, 0.009, PAS 30 06:17:31.5, 33.90N-117.94W, 0.009, h2km, 5km, ML3.1/243, Error ellipse: s-maj=1.1km s-min=1.0km az=211.0

ISC 30 06:17:31.7-0.8, 33.89N-117.94W, 0.01, h14km, 4km, n130, s192/170, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Fullerton, Barre Substati, Rose Hills Cem, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Chiao Flat St, Donna J Jenkin, Riverside, San Sevaime, Green Verdugo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Little Creek M, Kaiserville, Kanab, North Rim, La Mia Camp, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Basin Creek Fa, Washetta, Mountain Grove, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mt. Pleasant, Mount Ida, Mount Ida, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Albuquerque, EROS Data Cent, EROS Data Cent, etc.

IDC 06:51:55.8-0.5, 36:22N-97.64W, h0km, mb4.2/15, mb1 4.2/25, mb1mx4.0/59, mbtmp4.1/25, ML4.0/9, MS3.5/27, Ms1 3.6/27, ms1mx3.4/58, Error ellipse: s-maj=10.9, s-min=8.1km az=158.0

NEIC 06:51:56.5-0.8, 36:14N-97.62W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm, M0=0.32, Mw=2.57, Mw=2.25, Mw=0.41, Mw=0.63, Mw=0.67, Fault plane solution: M2.63000-1.015, NP1.38.95000, 5.72.80000, lambda-171.53000, NP2.306.33000, 881.91000, lambda-17.38000, Principal axes: T 2.6878, Plg6.0000, Azm354.0000; N -0.1255, Plg71.0000, Azm102.0000; P -2.5623, Plg18.0000; Azm262.0000;

TUL 06:51:56.3-0.8, 36:13N-97.63W, h0.3km, 5km, ML4.5, mb4.4/35(NEIC), Mw1.4/23(NEIC) Error ellipse: s-maj=4.1km s-min=1.9km az=51.0

ANF 06:51:58.6-0.3, 36:12N-97.62W, h22km, 4km, ML5.5/18, Error ellipse: s-maj=2.6km s-min=2.0km az=163.0

ISC 06:51:56.3-1.1, 36:14N-97.45W, h0.02, h10km, 7km, n462, z=01/518, mb4.1/16, MS3.6/16, Oklahoma

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Arcadia Dam, Luther M Schoo, Okladale, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mt. Pleasant, Mount Ida, Mount Ida, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Albuquerque, EROS Data Cent, EROS Data Cent, etc.

30d 6h

H43A	Windswept, Lux	11.12	39	Pn	Pn	06 54 35.3	0.0
K46A	Dorr	11.14	51	P	Pn	06 54 35.7	+0.2
	baz=238						
J45A	Montague	11.19	46	Pn	Sn	06 54 37.2	+0.9
J45A	Montague	11.19	46	S	Pn	06 56 38.4	-3.1
	baz=23						
SS1A	Beattyville	11.20	78	P	Pn	06 54 39.1	+2.7
	baz=267						
Y52A	Liburn	11.21	98	Pn	Pn	06 54 38.4	+1.8
TZTN	Tazewell	11.22	84	Pn	Pn	06 54 40.3	+3.6
TZTN	Tazewell	11.22	84	P	Pn	06 54 41.5	+4.8
	baz=272						
V52A	Sevierville	11.23	87	Pn	Pn	06 54 39.6	+2.8
R51A	Hillsboro	11.26	75	P	Pn	06 54 39.4	+2.1
	baz=263						
M48A	Edgerton	11.27	58	Pn	Pn	06 54 38.2	+0.8
M48A	Edgerton	11.27	58	P	Pn	06 54 38.1	+0.8
	baz=246,SNR=8.0						
M48A				S	Sn	06 56 40.5	-2.8
	baz=246						
P50A	Jamestown	11.33	68	P	Pn	06 54 39.5	+1.3
	baz=257,SNR=6.9						
E38A	The Farm, Brul	11.35	21	Pn	Pn	06 54 37.3	-1.2
352A	Blakey	11.40	110	Pn	Pn	06 54 40.5	+1.3
N49A	Columbus Grove	11.43	61	Pn	Pn	06 54 39.1	+0.1
N49A	Columbus Grove	11.43	61	P	Pn	06 54 39.7	+0.2
	baz=250						
N49A				S	Sn	06 56 43.9	-3.4
	baz=250						
BW06	Boulder Array	11.46	309	Pn	Pn	06 54 39.0	-1.2
BW06	Boulder Array	11.46	309	P	Pn	06 54 38.6	-1.5
	baz=122						
PD31	Pinedale Array	11.46	309	Pn	Pn	06 54 39.1	-1.0
PDAR	Pinedale Array	11.46	309	Pn	Pn	06 54 38.6	-1.5
	0.9nm,0.3s,ba=125,slow=16,SNR=24						
PDAR				Lg	Lg	06 57 51.9	
	5.7nm,0.3s,ba=105,slow=32,SNR=10						
PDAR	Pinedale Array	11.46	309	Pn	Pn	06 54 39.1	-1.0
O51A	Peebles	11.55	71	Pn	Pn	06 54 42.1	+0.8
O51A	Peebles	11.55	71	P	Pn	06 54 42.6	+1.3
	baz=260						
O50A	Cable	11.60	66	P	Pn	06 54 42.8	+1.0
	baz=254						
SS2A	Salyersville	11.61	78	P	Pn	06 54 44.2	+2.2
K47A	Vermontville	11.62	52	P	Pn	06 54 43.6	+1.4
	baz=240,SNR=7.1						
I45A	Fountain	11.65	44	Pn	Pn	06 54 44.9	+2.3
I45A	Fountain	11.65	44	P	Pn	06 54 44.4	+1.9
	baz=232						
L48A	N Adams	11.66	56	P	Pn	06 54 43.6	+0.9
	baz=245,SNR=34						
T52A	Hallie	11.66	81	P	Pn	06 54 44.9	+2.1
	baz=270						
COWI	Conover	11.75	30	Pn	Pn	06 54 43.3	-0.7
GOGA	Godfrey	11.81	99	Pn	Pn	06 54 46.2	+1.4
P51A	Williamsport	11.86	69	Pn	Pn	06 54 47.1	+1.7
P51A	Williamsport	11.86	69	P	Pn	06 54 47.4	+2.0
	baz=258						
V53A	Saluda	11.88	88	Pn	Pn	06 54 48.3	+2.5
F42A	Maple Grove Fa	11.90	33	Pn	Pn	06 54 44.8	-1.2
R52A	Cattlettsburg	12.00	75	P	Pn	06 54 49.7	+2.3
	baz=264						
T53A	Wise	12.02	82	P	Pn	06 54 49.7	+1.9
	baz=271						
J47A	Sumner	12.03	50	Pn	Pn	06 54 47.7	0.0
J47A	Sumner	12.03	50	P	Pn	06 54 48.4	+0.7
	baz=238						
I46A	Reed City	12.04	46	P	Pn	06 54 47.9	0.0
	baz=234						
ACSO	Alum Creek Sta	12.09	66	Pn	Pn	06 54 48.7	+0.1
ACSO	Alum Creek Sta	12.09	66	P	Pn	06 54 48.7	+0.1
	baz=255						
ACSO				S	Sn	06 57 00.5	-3.0
	baz=255						
N50A	Nevada	12.12	63	P	Pn	06 54 49.4	+0.4
	baz=252						
N50A				S	Sn	06 57 00.5	-3.7
	baz=252						
H45A	Beulah	12.13	42	P	Pn	06 54 48.1	-1.0
L49A	Milan	12.18	57	P	Pn	06 54 50.9	+1.1
	baz=245						
AGMN	Agassiz Nation	12.21	5	Pn	Pn	06 54 46.9	-3.2
AGMN	Agassiz Nation	12.21	5	P	Pn	06 54 47.4	-2.7
	baz=187						
K48A	Perry	12.25	53	P	Pn	06 54 51.4	+0.6
	baz=242,SNR=8.8						
K48A				S	Sn	06 57 02.7	-4.7
	baz=242						
AAM	Ann Arbor	12.33	56	Pn	Pn	06 54 53.5	+1.6
AAM	Ann Arbor	12.33	56	P	Pn	06 54 53.1	+1.2
	baz=245						
O51A	Pataskala	12.35	67	P	Pn	06 54 52.3	+0.2
	baz=256						
O51A				S	Sn	06 57 06.4	-3.4
	baz=256						
Q52A	Bidwell	12.37	72	P	Pn	06 54 53.7	+1.2
Q52A	Bidwell	12.37	72	S	Sn	06 57 10.3	-0.1
	baz=262						
M50A	Fremont	12.40	61	Pn	Pn	06 54 54.4	+1.6
M50A	Fremont	12.40	61	S	Sn	06 57 07.1	-4.0
	baz=250						
LAO	LASA Array	12.42	331	Pn	Pn	06 54 51.1	-2.0
LAO	LASA Array	12.42	331	P	Pn	06 54 50.5	-2.6
	baz=146						
R53A	Hurricane	12.54	75	Pn	Pn	06 54 56.5	+1.7
R53A	Hurricane	12.54	75	P	Pn	06 54 56.5	+1.7
	baz=259						
SNOW	Snow King Moun	12.57	310	Pn	Pn	06 54 54.5	-0.9
P52A	Corning	12.59	69	Pn	Pn	06 54 56.3	+0.8
	baz=259,SNR=13						
P52A				S	Sn	06 57 12.2	-3.5
	baz=259						
EYMN	Ely	12.59	19	Pn	Pn	06 54 53.2	-2.2
EYMN	Ely	12.59	19	P	Pn	06 54 53.0	-2.4
	baz=203						
G45A	Suttons Bay	12.61	42	Pn	Pn	06 54 54.4	-1.3
G45A	Suttons Bay	12.61	42	P	Pn	06 54 54.3	-1.4
	baz=230						
U54A	Nelsons Funny	12.61	84	P	Pn	06 54 58.5	+2.7
	baz=273						
I47A	Gladwin	12.64	48	Pn	Pn	06 54 56.3	+0.2
I47A	Gladwin	12.64	48	P	Pn	06 54 55.8	-0.3
	baz=236						
K49A	Clarkson	12.68	54	P	Pn	06 54 57.3	+0.7
	baz=243						
K49A				S	Sn	06 57 14.2	-3.6
	baz=243						
RLMT	Red Lodge	12.68	319	Pn	Pn	06 54 55.3	-1.6
RLMT	Red Lodge	12.68	319	P	Pn	06 54 54.9	-1.9
	baz=13						
TPAW	Teton Pass	12.70	309	Pn	Pn	06 54 56.3	-0.9
J48A	Bridge Port	12.71	52	Pn	Pn	06 54 57.2	+0.2
J48A	Bridge Port	12.71	52	P	Pn	06 54 56.9	-0.1
	baz=241,SNR=15						
J48A				S	Sn	06 57 13.7	-4.8
	baz=241						
N51A	Ashland	12.73	63	Pn	Pn	06 54 58.5	+1.2
N51A	Ashland	12.73	63	P	Pn	06 54 58.3	+1.0
	baz=253,SNR=9.0						
D41A	Chassel	12.77	29	Pn	Pn	06 54 55.3	-2.0
T54A	Tazewell	12.79	81	P	Pn	06 54 59.7	+1.4
	baz=271						
L50A	Kingsville	12.80	58	P	Pn	06 54 59.4	+1.1
	baz=248						
L50A				S	Sn	06 57 16.9	-3.9
	baz=248						
PAULI	Pauline	12.81	91	Pn	Pn	06 54 59.5	+1.0
FKWY	Fox Creek	12.83	70	Pn	Pn	06 54 57.2	-1.7
E45A	One Tree Farm	12.89	34	Pn	Pn	06 54 57.0	-2.4
O52A	Adamsville	12.91	67	Pn	Pn	06 55 01.2	+1.4
O53A	Leroy	12.93	73	P	Pn	06 55 00.6	+0.5
	baz=263,SNR=20						
M51A	Elyria	12.99	62	P	Pn	06 55 00.7	-0.2
	baz=252						
M51A				S	Sn	06 57 23.1	-2.3
	baz=252						
YNE	Yellowstone No	13.01	317	Pn	Pn	06 54 59.6	-1.8
SS4A	Dingess, Beckl	13.01	78	Pn	Pn	06 55 02.2	+1.0
SS4A	Dingess, Beckl	13.01	78	P	Pn	06 55 02.0	+0.7
	baz=268						
SS4A				S	Sn	06 57 22.2	-3.9
	baz=268						
GLMI	Grayling	13.05	44	Pn	Pn	06 55 00.9	-0.8

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GLMI	Grayling	13.05	44	P	Pn	06 55 00.7	-1.0
	baz=233						
F45A	CMU Biological	13.11	40	P	Pn	06 55 00.4	-2.1
	baz=228						
F45A				S	Sn	06 57 20.0	-8.3
	baz=228						
P53A	Whipple	13.13	70	Pn	Pn	06 55 02.9	+0.2
P53A	Whipple	13.13	70	P	Pn	06 55 02.7	0.0
	baz=260,SNR=12						
J49A	Marietta	13.15	52	P	Pn		

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCB, TOLK, ARCESS Array B, etc.

CRNET 30 06:51:58.0-0.1, 42.178N-78.78E, h30km, mb2.1
SOME 30 06:51:58.2-0.1, 67.69N-78.60E, h10km
NNC 30 06:51:58.4-1.6, 42.69N-78.65E, h0km, mpv2.7, Error ellipse: s-maj=10.5km s-min=5.2km az=13.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRZ, SATY, UZB, ANVS, etc.

KEA 30 06:56:01.0-0.0, 38.89N-122.28E, h0km, ML2.8/3, Northeastern China

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUJ, PYAG, PYS, etc.

ANF 30 06:59:27.5-1.1, 36.14N-97.64W, h0km, ML3.9/3, Error ellipse: s-maj=13.9km s-min=3.0km az=158.0
TUL 30 06:59:28.4-0.0, 36.13N-97.64W, h5km, ML3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 30 07:19:15.6-3.4, 25.93S-29.52E, h0km, mb1 3.4/5, mb1mx3.3/33, mbmp3.4/5, ML2.6/4, Error ellipse: s-maj=32.3km s-min=23.1km az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADOK, OKCFA, OKCSW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R32A, U38A, Z35A, etc.

ISC 30 07:19:15.6-3.4, 25.93S-29.52E, h0km, mb1 3.4/5, mb1mx3.3/33, mbmp3.4/5, ML2.6/4, Error ellipse: s-maj=32.3km s-min=23.1km az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBTB, BOSA, MATP, etc.

HEL 30 07:39:23.7-1.0, 67.70N-33.70E, h0km, ML2.3, Explosion
NAO 30 07:39:23.7-1.0, 67.69N-33.67E, ML2.8
KOLA 30 07:39:23.4, 67.68N-33.77E, M2.1, Industrial explosion

ISC 30 07:39:28.2-2.3, 67.61N-32.89E, h0km, mb1 3.1/4, mb1mx2.9/47, mbmp3.1/4, ML2.5/4, Error ellipse: s-maj=24.6km s-min=9.3km az=79.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APA, APZ9, APZ9, etc.

ARA0 30 07:40:05.9-0.7, 36.13N-130.04E, h0km, n86, ISC 30 07:40:05.9-0.7, 36.13N-130.04E, h0km, n86, 18190, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARA0, ARCES, ARCES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIF, Kilpisjarvi, STEI, etc.

ISC 30 07:40:05.9-0.7, 36.13N-130.04E, h0km, n86, 18190, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADOK, OKCFA, OKCSW, etc.

ISC 30 08:07:04.5-1.1, 36.13N-97.79W, h0km, mb3.0/1, mb1 3.4/6, mb1mx3.2/63, mbmp3.1/6, ML2.95, MS3.1/1, M3.1 3.0/1, ms1mx2.3/21, Error ellipse: s-maj=15.4km s-min=12.4km az=163.0

TUL 30 08:07:05.0-2.0, 36.14N-97.62W, h0km, h3km, 7km, ML3.3, Mwr3.3/13(SLM), Error ellipse: s-maj=7.0km s-min=2.4km az=72.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr-2.06; Mtheta-9.64; Mphi-7.57; Mxx-1.27; Mxy-0.47; Myz-4.06

ANF 30 08:07:06.3-1.4, 36.14N-97.62W, h11km, 10km, ML4.3/10, Error ellipse: s-maj=4.6km s-min=3.3km az=162.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADOK, OKCFA, OKCSW, etc.

30d 8h

Table with columns: TXAR, Pg, Pb, 08 09 39.1 +6.0, 0.8nm, 0.3s, baz=40, slow=14, SNR=8.9, Lg, Lg, 08 11 32.3, JFW5, Pn, 08 09 13.5 0.0, etc.

ANF 30 08:10:31.81, 1.3, 36: 10N:97:63W, h4km, 10km, ML4, 1/5, Error ellipse: s-maj=13.6km s-min=2.5km az=152.0, TUL 30 08:10:31.81, 1.0, 36: 132N:0:00E-97:63W, h2km, 7km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC, ADOK, Arcadia Dam, 0.53 155, Op, P, 08 10 42.2 -0.5, etc.

LDG 30 08:12:44.2, 0.1, 42: 75N: 12:47E, h6km, M12.3/8, Error ellipse: s-maj=3.3km s-min=2.4km az=8.0, ROM 30 08:12:44.8, 0.1, 42: 79N:0:00E-12:543E, 0:006, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC, MOMA, Monte Martano, 0.11 74, Op, P, 08 12 46.1 -1.1, etc.

2014 MAR

Main table with columns: SACS, AML, AML, comp=N, 1545um, 0.8s, SACS, comp=E, 1118um, 0.6s, CESI, CESI - Serrava, 0.42 56, etc.

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Table with columns: MTCE, AML, AML, comp=E, 530um, 1.1s, ARVD, Arcevia, 0.81 27, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GCMT Greycliff, J49A Marlette, YMR Madison River, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, CMAR comp=Z,31nm,18.6s, etc.

ISU 30 09:09:18.0, 40:30N-73:20E, h5km
SOME 30 09:09:20.1, 40:42N-73:57E, h5km
KRNET 30 09:09:22.0, 40:38N-73:67E, h15km, mb3.0
NINC 30 09:09:22.6, 1.4, 40:51N-73:55E, h0km, mb3.6, mpv3.3
Error ellipse: s-maj=10.9km s-min=7.8km az=166.0
ISC 30 09:09:21.6, 1.1, 40:44N-10:05:73:55E, 0.03, h10km, n53,
@172/82, 20C-16D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRBS 4.3nm,0.4s, KRBS 5.2nm,0.5s, KRBS Karabastau, etc.

IDC 30 09:21:43.3, 2.5, 4:19S; 128:45E, h301km, 33km, mb3.0/0.4,
mb1 3.3/6, mb1mx2.9/42, mbtmp3.9/6, Error ellipse:
s-maj=45.5km s-min=13.0km az=66.0
ISC 30 09:21:42.7, 0.9, 4:23S; 0:09:128:33E, 0:1, h300km, n7,
@1945/9, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, SIJI Kyzart, FITZ Fitzroy Crossi, etc.

IDC 30 09:22:16.2, 3.0, 53:58N; 166:95W, h0km, mb3.6/4,
mb1 3.8/5, mb1mx3.3/50, mbtmp3.5/5, ML3.2/1, Error
ellipse: s-maj=52.0km s-min=43.4km az=55.0
NEIC 30 09:22:29.9, 1.7, 53:72N; 0:09:165:64W, 0:09, h60km, 8km,
Error ellipse: s-maj=14.4km s-min=4.3km az=150.0
AEIC 30 09:22:29.8, 2.6, 53:75N; 0:09:165:64W, 0:09, h56km, 7km,
ML3.6/3.6, mb3.5/8(NIC), Error ellipse: s-maj=14.9km
s-min=4.6km az=154.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKSA Akutan Strait, AKSA Akutan Strait, AKUT Akutan, etc.

IDC 30 08:42:59.6, 1.8, 7:84N-93:76E, h0km, mb3.6/6, mb1 3.8/8,
mb1mx3.6/43, mbtmp3.6/8, ML3.1/1, MS3.4/2, MS1 3.4/2,
ms1mx2.7/35, Error ellipse: s-maj=64.8km s-min=21.1km
az=61.0
ISC 30 08:43:02.6, 1.4, 7:9N; 0:1:93:8E, 0:3, h18km, n9, @0818/8,
mb3.5/6, Nicobar Islands region

30d 10h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like VRDI, TGL, MCARA, BALM, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like NNSB, NNSH, NNS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like IRIF, JISG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like DDMP, MATI, etc.

2014 MAR

THE 30 10:00:06.9, 38.333N, 20.49E, h11km, ML2.5/5, Error ellipse: s-maj=0.8km s-min=0.2km az=268.0

ATH 30 10:00:06.6, 38.333N, 20.49E, h13km, ML2.5/7, Error ellipse: s-maj=2.6km s-min=0.8km az=228.0

ISC 30 10:00:06.0, 0.8, 38.333N, 0.02, 20.45E, 0.03, h17km, 4km, n40, c919172, Greece

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like KEF1, KEF4, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like VLS, EVGI, etc.

GUC 30 10:03:54.2, 0.8, 19.995S, 70.83W, h44km, 10km, ML2.7, 3C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like PSGC, PSGC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like WRA, WRA, etc.

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AFI Afiamalu 58.06 102 LR LR 10 46 24.8 comp=Z,53nm,21.9s,baz=187,slow=35

MKAR Makanchi Array 67.76 327 P P 10 23 16.4 0.0 0.1nm,0.4s,baz=108,slow=6.8,SNR=2.3

SJA 30 10:33:59.0, 8.0, 23.11S, 66.79W, h229km, 6km, ML4.0, MW3.8

ISC 30 10:34:00.7, 0.9, 22.995S, 66.72W, h210km, 11km, mb3.1/2, mb1 3.3/8, mb1mx3.1/43, mbmtmp3.7/8, Error ellipse: s-maj=16.8km s-min=13.6km az=139.0

NEIC 30 10:34:01.5, 5.2, 1.23, 145.0, 0.08, 67.1W, 0.2, h240km, 20km, mb4.0/4, Error ellipse: s-maj=27.9km s-min=10.8km az=96.0

ISC 30 10:34:00.5, 0.7, 23.105S, 0.04, 66.82W, 0.05, h221km, 7km, n44, c14274, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like YJA, YJA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like PB05, PB05, etc.

ISC 30 10:38:35.3, 1.8, 33.16S, 176.98W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.7/32, mbmtmp3.9/3, ML3.9/1, Error ellipse: s-maj=61.5km s-min=35.9km az=141.0

NEIC 30 10:38:45.6, 2.4, 33.55S, 0.1, 179.2W, 0.2, h76km, 10km, mb4.1/6, Error ellipse: s-maj=19.7km s-min=15.0km az=122.0

WEL 30 10:39:35.9, 37.3, 34.17, 9E, h85km, 20km, M2, 9/25, ML3.1/19, ML2.9/25, Error ellipse: s-maj=0.1km s-min=0.0km az=2.2

ISC 30 10:38:41.8, 1.3, 33.337S, 0.09, 179.0W, 0.1, h48km, n57, c1544/60, mb3.8/5, South of Kerowad Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like MXZ, MXZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ, RAGZ, RIGZ, PRGZ, MUZG, etc.

TEH 30 10:51:58.9, 38:39N, 46:82E, h5km, ML3.7
THR 30 10:51:58.7, 0.4, 38:44N, 46:83E, h14km, g6km, ML3.9

NSCP 30 10:51:59.0, 38:37E, 46:78E, h10km, M3.7
DDA 30 10:52:00.1, 38:17N, 46:78E, h7km, km, MW4.0

NNC 30 10:52:01.9, 9.2, 38:88N, 47:16E, h0km, mb4.0, Error ellipse: s-maj=82.3km s-min=40.3km az=57.0

ISC 30 10:51:59.2, 0.8, 38:45N, 0.02, 46:84E, 0.02, h15km, g6km, n82, c189/105, 7C-1D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TVRZ, AHAR, IHRH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DDFL, SIZA, QUB, etc.

STR 30 11:03:00.8, 0.9, 50°N, 3°E, h19km, 5km, MLV1.47
LDG 30 11:02:59.5, 0.1, 49:59N, 8:37E, h22km, MI1.87, Error ellipse: s-maj=1.0km s-min=0.8km az=122.0, Germany

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KTD, ABH, LANF, etc.

ECH Echery 1.59 211 Pg Sb 11 03 29.3 +1.2

PAGF Fort de Pagny 2.02 240 eP Pb 11 03 37.3 +1.8

MEZF Matiziers J'vi 2.44 245 eP Pb 11 03 35.9 -2.0

SFTF Sexfontaines 2.60 239 eP Pb 11 03 48.1 +2.8

BAIF Baives 2.74 282 eP Pb 11 03 39.8 -2.2

NIED 30 11:11:00, 37:30N, 142:10E, h20km, MW4.6 Best double couple: Ms9.04000x1015 NP1%356.00000, 387.00000, 1.65.00000, NP2%260.00000, 325.00000, 173.00000

JMA 30 11:11:57.3, 0.2, 37:27N, 142:14E, h33km, 4km, M4.8

MOS 30 11:11:57.9, 1.1, 37:32N, 142:17E, h30km, mb5.0/63, Error ellipse: s-maj=6.2km s-min=4.0km az=101.3

BGR 30 11:11:57.7, 0.0, 37:18N, 143:21E, h24km, mb4.8

NEIC 30 11:11:59.9, 2.0, 37:16N, 0.02, 142:19E, 0.09, h39km, 5km, mb4.8/9.7, Ms4.4/5.9, Ms7.4/2.56

ISC 30 11:11:59.0, 0.6, 37:22N, 0.03, 142:17E, 0.03, h29km, 3km, h29km, pP-P, n463, c1961/437, mb4.7/182, MS4.0/41, 24C-22D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JFK, ONAJ, JMST, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HJH, JHU, INU, etc.

YUZH-Sakhalins 9.73 211 eP Pb 11 14 18.4 +1.5

YUZH-Sakhalins 9.73 211 eP Pb 11 14 18.4 +1.5

YUZH-Sakhalins 9.73 211 eP Pb 11 14 18.4 +1.5

YUZH-Sakhalins 9.73 211 eP Pb 11 14 18.4 +1.5

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YUZH-Sakhalins 9.73 211 eP Pb 11 14 18.4 +1.5

YUZH-Sakhalins 9.73 211 eP Pb 11 14 18.4 +1.5

30d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MCMT Dillon, MFID Camas Ranch, YMR Madison River, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DESE Dese, WEL 30 11:53:18.9, WRM Warramunga Arr, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DYBB Diyarbakir, GNI Garni, DBAD Bademkaya, etc.

NEW	16m,0.3s,baz=225,slow=19,SNR=6.4	Lg	Lg	12 37 37.5
NEW	comp=Z,4um,20.4s,baz=124,slow=41	LR	LR	12 38 34.3
NEW	Newport	P	Pn	12 36 05.2 -1.6
NEW	Newport	P	Pn	12 36 05.9 -0.9
NEW	baz=126	Sb	Sb	12 37 33.7 +4.3
DGMT	Dagmar	5.79 48	Pn	12 36 10.8 +2.2
DGMT	Dagmar	5.79 48	Pn	12 36 09.4 +0.8
DGMT	baz=233	Pb	Pb	12 36 23.7 +0.3
J08A	Circle Bar Ran	5.80 259	Pn	12 36 09.5 +0.8
Q16A	Castle Valley	5.86 184	Pn	12 36 10.2 +0.5
G08A	Pilot Rock	5.90 278	Pn	12 36 10.1 -0.1
C09A	Chrisman Ranch	6.08 303	Pn	12 36 11.2 -1.3
G08A	Dider Farm, El	6.13 289	Pn	12 36 12.5 -0.6
D08A	Wollman Farm,	6.20 295	Pn	12 36 13.2 -0.9
ISCO	Idaho Springs	6.22 141	P	12 36 15.3 +0.6
ISCO	Idaho Springs	6.22 141	P	12 36 15.7 +1.0
PV21	Cone Mtn., Par	6.33 168	Pn	12 36 17.1 +0.9
MSU	Marysville	6.35 191	Pn	12 36 17.1 +1.1
I07A	Izab	6.37 267	Pn	12 36 17.3 +0.7
PV09	Paradox Valley	6.37 169	Pn	12 36 17.7 +0.9
PV22	Blue Mesa, Par	6.39 167	Pn	12 36 18.6 +1.7
HAWA	Hanford	6.43 288	Pn	12 36 17.2 -0.1
PV23	Carpenter Ridg	6.43 168	Pn	12 36 18.4 +0.0
PV07	Paradox Valley	6.50 166	Pn	12 36 20.1 +1.6
F07A	Phinny Hill Vi	6.63 283	Pn	12 36 21.4 +1.5
E07A	Sunnyside	6.68 289	Pn	12 36 21.0 +0.2
PV13	Radium Mtn., P	6.75 168	Pn	12 36 22.0 +0.1
B08A	Colville Hesar	6.97 304	Pn	12 36 23.2 -1.5
G06A	Carlson Farm,	7.00 277	Pn	12 36 25.9 +0.5
E28A	Huff	7.21 72	Pn	12 36 27.2 -0.8
R11A	Troy Canyon, C	7.40 212	P	12 36 34.0 +3.2
OGNE	Ogallala	7.40 118	Pn	12 36 30.4 -0.4
OGNE	Ogallala	7.40 118	Pn	12 36 30.5 -0.2
G05D	Wamic, OR	7.57 277	P	12 36 34.4 +1.5
S22A	4UR Ranch, Cre	7.59 156	Pn	12 36 34.3 +0.9
I05D	Terrebonne, OR	7.64 271	P	12 36 37.3 +3.4
F05D	White Salmon	7.69 282	P	12 36 35.9 +1.3
MVCO	Mesa Verde	7.73 167	Pn	12 36 35.1 -0.2
MVCO	Mesa Verde	7.73 167	Pn	12 36 35.8 +0.5
C06D	Leavenworth	7.75 298	P	12 36 35.5 +0.1
C06D	baz=110	S	Sn	12 38 01.0 -2.6
J05D	Fort Rock, OR	7.76 263	P	12 36 37.9 +2.2
SDCO	Great Sand Dun	8.02 149	Pn	12 36 40.0 +1.2
SDCO	Great Sand Dun	8.02 149	Pn	12 36 40.9 +1.5
L0N	Longmire	8.04 288	Pn	12 36 39.3 -0.1
D05A	Enumclaw	8.25 291	Pn	12 36 41.9 -0.3
KSC0	Kaye Shedlock	8.31 131	Pn	12 36 43.0 -0.7
G06A	Marblemont	8.33 301	Pn	12 36 42.6 -0.7
F04A	Amboy	8.36 282	Pn	12 36 45.3 +1.6
SUSD	Miller	8.36 88	Pn	12 36 43.8 0.0
SUSD	Miller	8.36 88	Pn	12 36 44.3 +0.4
E04D	Cinebar	8.53 286	P	12 36 47.6 +1.6
NVAR	Mina Array Bea	8.53 225	Pn	12 36 48.3 +1.9
NVAR	0.3nm,0.3s,baz=34,slow=12,SNR=4.3	Lg	Lg	12 39 11.2
NVAR	0.3nm,0.3s,baz=245,slow=34,SNR=1.1	LR	LR	12 40 08.9
H04D	Lebanon	8.61 273	Pn	12 36 50.6 +3.3
B05A	Bryant	8.62 298	Pn	12 36 47.2 -0.1
TPNV	Topopah Spring	8.88 210	P	12 36 54.4 +3.3
G03D	McMinnville, O	8.94 277	Pn	12 36 54.7 +2.9
T25A	Trinidad	8.97 146	Pn	12 36 54.4 +2.0
D03D	Eldon	9.06 292	Pn	12 36 55.2 +1.9
I03D	Drain, OR	9.17 268	Pn	12 37 00.3 +5.5
WUAZ	Wupatki	9.26 184	Pn	12 36 57.3 +1.1
GRAC	Grapevine Rang	9.27 215	Pn	12 37 01.5 +5.2
YBH	Yreka Blue Hor	9.30 255	Pn	12 36 58.4 +1.7
YBH	0.1nm,0.3s,baz=55,slow=14,SNR=4.3	Lg	Lg	12 39 34.0
YBH	0.1nm,0.3s,baz=31,slow=19,SNR=0.6	LR	LR	12 40 21.1
YBH	comp=Z,1um,20.4s,baz=80,slow=37	LR	LR	12 36 56.5 -0.3
O02D	Mt. Diablo Mer	10.06 247	Pn	12 37 12.1 +4.9
MPMC	Manual Prospec	10.13 213	P	12 37 12.3 +0.0
ECSD	EROS Data Cent	10.14 91	Pn	12 37 07.7 -0.4
ANMO	Albuquerque	10.33 160	Pn	12 37 11.4 +0.4
ANMO	0.2nm,0.3s,baz=334,slow=13,SNR=2.1	Lg	Lg	12 40 06.3
ANMO	0.1nm,0.3s,baz=58,slow=19,SNR=2.2	Pn	Pn	12 37 11.5 +0.6
ANMO	Albuquerque	10.33 160	Pn	12 37 12.8 +1.9
AGMN	Agassiz Nation	10.79 66	Pn	12 37 15.5 -1.6
R32A	Long Quarter,	10.96 121	Pn	12 37 18.5 -1.0
ULM	Lac du Bonnet	11.40 56	Pn	12 37 22.2 -3.1
ULM	3.3nm,0.3s,baz=252,slow=12,SNR=7.4	Lg	Lg	12 40 31.8
ULM	3.6nm,0.3s,baz=323,slow=20,SNR=9.9	LR	LR	12 42 21.1
ULM	comp=Z,2um,19.3s,baz=248,slow=40	LR	LR	12 37 21.4 -4.0
ULM	Lac du Bonnet	11.40 56	Pn	12 37 35.7 +1.8
PFO	Pinyon Flats O	12.01 204	Pn	12 42 30.6
PFO	baz=33,slow=12,SNR=4.0	LR	LR	12 42 30.6
AMTX	Amarillo	12.37 164	Pn	12 37 36.1 +1.8
I37A	Lemond, Waseca	12.38 87	Pn	12 37 36.5 -2.3
WMOK	Wichita Mounta	13.55 134	Pn	12 37 53.8 -1.0
EYMN	Ely	13.61 70	Pn	12 37 51.2 -4.4
MNTX	Cornudas Mount	13.69 161	Pn	12 37 59.0 +2.2
MNTX	Cornudas Mount	13.69 161	Pn	12 37 60.0 +3.2
P38A	Dawn	13.70 106	Pn	12 37 56.3 -0.5
BBB	Bella Bella	13.72 309	Lg	12 41 51.9
BBB	0.2nm,0.3s,baz=252,slow=17,SNR=1.1	LR	LR	12 43 55.4
OKCFA	Oklahoma City	13.75 128	Pn	12 37 57.6 0.0
FNO	Franklin	13.90 129	Pn	12 37 58.8 -0.7
TUL1	Leonard	14.37 123	Pn	12 38 03.0 -2.9
I40A	Norwalk	14.38 86	Pn	12 38 02.9 -3.2
S39A	Bolivar	14.83 112	Pn	12 38 09.0 -3.2
JFWS	Jewell Farm	14.85 90	Pn	12 38 06.7 -2.9
ABTX	Abilene, Hawle	14.85 141	Pn	12 38 14.3 +1.7
ABTX	Abilene, Hawle	14.85 141	Pn	12 38 14.8 +2.1
R40A	Maddies Statio	15.21 109	Pn	12 38 17.5 +0.2
Z35A	Perchaven, San	15.44 133	Pn	12 38 21.4 +1.0
U40A	Yellville	15.91 116	Pn	12 38 30.9 +0.7
CCM	Cathedral Cave	16.02 108	Pn	12 38 25.3 -2.7
CCM	Cathedral Cave	16.02 108	Pn	12 38 28.3 +0.3
W39A	Magazine	16.06 121	Pn	12 38 26.9 -1.6
TX31	Lajitas Ar. Si	16.38 158	P	12 38 33.3 +0.6
TX32	Lajitas Array	16.38 158	P	12 38 33.4 +0.8
TXAR	Lajitas Array	16.38 158	Pn	12 38 33.4 +0.8
TXAR	0.2nm,0.3s,baz=340,slow=6.6,SNR=58	Pn	Pn	12 38 33.4 +0.8

TXAR	0.0nm,0.3s,baz=14,slow=27,SNR=1.5	Lg	Lg	12 43 24.6	
TXAR	comp=Z,703nm,19.4s,baz=0.0,slow=40	LR	LR	12 45 35.9	
TXAR	Lajitas Array	16.38 158	Pn	12 38 32.9 +0.2	
WHTX	Lake Whitney,	16.40 137	P	12 38 32.5 -0.4	
WHTX	Lake Whitney,	16.40 137	P	12 38 33.0 +0.1	
MIAR	Mount Ida	16.62 122	Pn	12 38 34.8 -0.8	
MIAR	Mount Ida	16.62 122	Pn	12 38 35.6 -0.1	
JCT	Junction City	16.64 145	P	12 38 34.1 -1.8	
JCT	Junction City	16.64 145	Pn	12 38 36.5 +0.6	
Z38A	Mt. Pleasant	16.72 128	P	12 38 36.0 -0.9	
WHAR	Woolly Hollow	16.93 118	Pn	12 38 39.9 +0.3	
WHAR	Woolly Hollow	16.93 118	Iamb	Iamb	12 38 47.0
O44A	Mansfield	17.00 98	P	12 38 39.6 -0.8	
W41B	Gary Mevity, V	17.03 118	P	12 38 42.5 -0.1	
X40A	Basin Creek Fa	17.11 121	P	12 38 43.5 -0.2	
O44A	Meyer Farm, Va	17.14 102	P	12 38 43.3 -1.9	
LCAR	Lake Charles	17.18 114	Pn	12 38 41.6 -1.1	
UALR	University of	17.23 119	Pn	12 38 45.2 +0.4	
UALR	University of	17.23 119	Iamb	Iamb	12 38 50.5
237A	Washetta, Mont	17.23 133	P	12 38 42.4 -1.0	
237A	Washetta, Mont	17.23 133	Iamb	Iamb	12 38 47.5
435B	Jarrell	17.34 139	Pn	12 38 43.2 -1.6	
435B	Jarrell	17.34 139	Iamb	Iamb	12 38 49.3
E44A	Grand Marais A	17.37 75	P	12 38 43.7 -1.3	
E44A	Grand Marais A	17.37 75	Iamb	Iamb	12 38 52.7
WLAR	White Oak Lake	17.49 123	P	12 38 44.0 -2.5	
WLAR	White Oak Lake	17.49 123	Iamb	Iamb	12 38 48.3
G45A	Suttons Bay	17.70 80	Pn	12 38 47.9 -1.2	
F45A	CMU Biological	17.72 78	P	12 38 47.9 -1.4	
SFIN	Lafayette	17.88 96	P	12 38 50.8 -0.6	
YKA	Yellowknife Ar	17.90 354	Pn	12 38 47.4 -4.1	
YKA	comp=Z,0.2nm,0.3s,baz=172,slow=13,SNR=4.1	Lg	Lg	12 41 58.8 -1.3	
YKA	comp=Z,0.2nm,0.3s,baz=151,slow=22,SNR=3.0	Lg	Lg	12 43 55.2	
YKA	comp=Z,0.2nm,0.3s,baz=160,slow=28,SNR=4.2	LR	LR	12 46 32.2	
DLBC	Dease Lake	18.12 326	P	12 38 54.1 -0.2	
DLBC	comp=Z,0.1nm,0.3s,baz=130,slow=8.7,SNR=19	Lg	Lg	12 44 16.4	
DLBC	comp=Z,0.1nm,0.3s,baz=209,slow=19.5,SNR=3.4	Lg	Lg	12 44 16.4	
DLBC	Dease Lake	18.12 326	P	12 38 56.0 +1.4	
HPIG	Highway	18.25 166	P	12 38 57.1 +0.7	
E46A	Sault Ste Mari	18.50 76	P	12 38 56.4 -2.5	
D46A	Sault St. Mari	18.65 74	P	12 38 58.7 -1.8	
I47A	Gladwin	18.68 83	P	12 38 58.2 -2.7	
I47A	Gladwin	18.68 83	Iamb	Iamb	12 39 14.5
HKT	comp=Z,60nm,0.9s	Lg	Lg	12 39 03.8 +0.3	
H47A	Hockley	18.87 137	P	12 39 03.8 +0.3	
735A	Kenedy	18.89 143	Pn	12 39 05.0 +1.3	
G47A	Hillman	18.95 79	Pn	12 39 09.0 +4.6	
E47A	Iron Bridge	19.20 75	P	12 39 04.6 -1.9	
OXF	Oxford	19.26 115	P	12 39 06.9 -0.3	
OXF	Oxford	19.26 115	P	12 39 07.4 +0.2	
D47A	Chapleau	19.28 73	P	12 39 04.9 -2.5	
O48A	Farmland	19.31 95	Pn	12 39 08.7 0.0	
WCI	Wyandotte Cave	19.35 101	P	12 39 05.6 -2.6	
WCI	Wyandotte Cave	19.35 101	Iamb	Iamb	12 39 16.8
WCI	Wyandotte Cave	19.35 101	Pn	12 39 09.4 +0.2	
J48A	Bridge Port	19.36 85	P	12 39 06.9 -1.4	
J48A	Bridge Port	19.36 85	Iamb	Iamb	12 39 24.1
J48A	Bridge Port	19.36 85	P	12 39 08.2 0.0	
W48A	Waverly	19.36 109	P	12 39 07.8 -0.5	
WWT	Waverly	19.36 109	P	12 39 08.4 +0.1	
P48A	Milroy	19.43 97	Pn	12 39 09.9 -0.3	
Q48A	North Vernon	19.43 99	P	12 39 08.9 -0.2	
F48A	Evansville	19.72 77	P	12 39 12.4 +0.2	
N49A	Columbus Grove	19.76 92	P	12 39 13.5 +0.8	
J49A	Marlette	19.80 84	P	12 39 13.4 +0.3	
P49A	Miami Univ. Ec	19.90 96	Pn	12 39 15.7 -0.1	
O49A	Covington	19.91 94	P	12 39 15.0 +0.6	
KVXT	Kingsville	20.00 145	Pn	12 39 19.1 +2.1	
VBMS	Vicksburg	20.08 122	Pn	12 39 19.5 +1.5	
VBMS	Vicksburg	20.08 122	Iamb	Iamb	12 39 24.2
R49A	Shelbyville	20.11 100	P	12 39 16.8 +0.3	
F49A	Sandfield	20.13 77	P	12 39 16.1 -0.6	
D48A	Paulsboro	20.15 73	P	12 39 16.4 -0.5	
S49A	Springfield	20.26 101	P	12 39 18.3 +0.1	
T49A	Edmonton	20.42 103	P	12 39 18.5 -1.4	
P50A	Jamestown	20.52 95	P	12 39 21.1 +0.2	
U49A	Red Boiling Sp	20.55 105	P	12 39 21.8 +0.5	
LPIG	La Paz	20.62 179	Pn	12 39 25.2 +0.9	
LPIG	comp=Z,45nm,1.0s,baz=187,slow=5.4,SNR=7.5	LR	LR	12 47 07.9	
146A	Union	20.69 118	P	12 39 22.5 -0.3	
146A	Union	20.69 118	Iamb	Iamb	12 39 28.5
R50A	Paris	20.70 99	P	12 39 23.0 0.0	
R50A	Paris	20.70 99	Iamb	Iamb	12 39 28.3
R50A	Paris	20.70 99	P	12 39 24.0 +1.0	
ACSO	Alum Creek Sta	20.86 93	Pn	12 39 26.2 -1.0	
ACSO	Alum Creek Sta	20.86 93	Iamb	Iamb	12 39 40.3
ACSO	Alum Creek Sta	20.86 93	Pn	12 39 28.0 +0.8	
S50A	Richmond	20.93 101	P	12 39 26.2 +0.7	
T50A	Carrollton	20.95 116	P	12 39 25.7 +0.1	
N51A	Ashland	21.05 91	P	12 39 25.9 +0.2	
N51A	Ashland	21.05 91	Iamb	Iamb	12 39 45.8
Q51A	Peebles	21.08 96	P	12 39 27.3 +0.2	
Q51A	Peebles	21.08 96			

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like M56A Emporium, GOGA Godfrey, G55A Calabogie, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like RND, CCB, WRH, MCK, SUA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like UPC, OSTC, KHC, DPC, GERES, etc.

DJA 30 12:46:04.2, 0.5, 2'S, 5.5', 14' 10"E, h56km, 6km, M4, 8/8, m5b, nB5, 3/3, M4.5, 0/6, M4.5, 0/6, M4.5, 0/3, 3/3

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WAMI, BAKI, FAKI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAK, KURBB, CHGR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHIC, PTGC, VILC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hallett, Buckleboe, BBOO, LCRK, STKA, etc.

NEIC 30 13:30:53.0z 1.4, 47.74N, 0.03z 110.65W, 0.05, h7km, 5km, Error ellipse: s-maj=6.3km s-min=1.2km az=128.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YNM, YNR, YUF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YHB, YHL, YPP, etc.

UDC 30 13:35:00.6z 0.8, 6.30S, 146.90E, h0km, mb4.0/7, mb1 4.2/11, mb1mx3.9/41, mbtmp4.1/11, ML3.8/3, MS3.3/6

NEIC 30 13:35:01.3z 1.3, 6.25S, 0.07z 146.96E, 0.09, h10km, 1km, mb4.6/22, Error ellipse: s-maj=17.8km s-min=5.9km az=308.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, KRVT, RABL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNRA, ASAR, ASAR, etc.

UCR 30 14:08:56.0z 1.9, 8.44N, 83.07W, h4km, MD4.3, UPA 30 14:08:56.1z 1.6, 8.43N, 83.03W, h6km, 3km, MW4.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR, SBAR3, SBAR3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRG, PRU, CLL, etc.

UDC 30 14:09:58.0z 0.8, 36.23N, 97.70W, h0km, mb3.6/4, mb1 4.1/12, mb1mx3.7/46, mbtmp3.8/12, ML3.5/7, MS3.4/21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADOK, OK009, OK005, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like 4T7A, S39A Bolivar, S44A Carbondale, etc.

Table with columns: YUF Upper Falls, YHH Holmes Hill, YMR Madison River, etc. Includes station codes and various data points.

Table with columns: KBZ Khabaz, YOKA El Rosa, YOSA Yellowknife, etc. Includes station codes and various data points.

ADC 30 15:16:26.9, 1.1, 40.18N, 126.20E, h0km, mb3.8/6, mb1 4.0/8, mb1mx3.6/48, mbtmp3.8/8, ML3.6/2, MS3.1/1, Ms1 3.1/1, ms1mx2.3/38, Error ellipse: s-maj=57.2km s-min=18.1km az=65.0

ADC 30 15:16:26.9, 1.1, 40.18N, 126.20E, h0km, mb3.8/6, mb1 4.0/8, mb1mx3.6/48, mbtmp3.8/8, ML3.6/2, MS3.1/1, Ms1 3.1/1, ms1mx2.3/38, Error ellipse: s-maj=57.2km s-min=18.1km az=65.0

ADC 30 15:16:26.9, 1.1, 40.18N, 126.20E, h0km, mb3.8/6, mb1 4.0/8, mb1mx3.6/48, mbtmp3.8/8, ML3.6/2, MS3.1/1, Ms1 3.1/1, ms1mx2.3/38, Error ellipse: s-maj=57.2km s-min=18.1km az=65.0

ADC 30 14:58:22.1, 1.5, 11.5N, 122.6E, h29km, 17km, M3.9/7, mb4.1/2, ML3.8/7, NEIC 30 14:58:23.9, 1.3, 1.32N, 0.08E, 126.62E, 0.07, h58km, 10km, mb4.2/16, Error ellipse: s-maj=12.2km s-min=10.2km az=190.0

ADC 30 14:58:22.1, 1.5, 11.5N, 122.6E, h29km, 17km, M3.9/7, mb4.1/2, ML3.8/7, NEIC 30 14:58:23.9, 1.3, 1.32N, 0.08E, 126.62E, 0.07, h58km, 10km, mb4.2/16, Error ellipse: s-maj=12.2km s-min=10.2km az=190.0

ADC 30 14:58:22.1, 1.5, 11.5N, 122.6E, h29km, 17km, M3.9/7, mb4.1/2, ML3.8/7, NEIC 30 14:58:23.9, 1.3, 1.32N, 0.08E, 126.62E, 0.07, h58km, 10km, mb4.2/16, Error ellipse: s-maj=12.2km s-min=10.2km az=190.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TNTI Ternate, LBM1 Labuha, KMSI Cibinong, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include H07N1 FLORES T-PHASE, H07S1 FLORES T-PHASE, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ILAR Eielson Array, ILAR Warramunga Arr, etc.

ADC 30 14:59:43.5, 1.4, 4.30S, 105.28E, h216km, 34km, mb3.1/5, mb1 3.3/5, mb1mx2.9/51, mbtmp3.7/5, Error ellipse: s-maj=149.1km s-min=22.5km az=52.0, Southern Sumatara

ADC 30 14:59:43.5, 1.4, 4.30S, 105.28E, h216km, 34km, mb3.1/5, mb1 3.3/5, mb1mx2.9/51, mbtmp3.7/5, Error ellipse: s-maj=149.1km s-min=22.5km az=52.0, Southern Sumatara

ADC 30 14:59:43.5, 1.4, 4.30S, 105.28E, h216km, 34km, mb3.1/5, mb1 3.3/5, mb1mx2.9/51, mbtmp3.7/5, Error ellipse: s-maj=149.1km s-min=22.5km az=52.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include LEM Lembang, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include BORG Borgarnes, SCHQ Schefferville, DAVOX Davos/Dischmat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include KEF3 Kipouria, KEF3 Chaviarta, KEF3 Agia Thekii, etc.

UUSS 30 15:12:24.3, 1.8, 44.78N, 0.02, 110.72W, 0.03, h4km, 6km, ML3.7/6, Error ellipse: s-maj=3.7km s-min=2.0km az=111.0

UUSS 30 15:12:24.3, 1.8, 44.78N, 0.02, 110.72W, 0.03, h4km, 6km, ML3.7/6, Error ellipse: s-maj=3.7km s-min=2.0km az=111.0

UUSS 30 15:12:24.3, 1.8, 44.78N, 0.02, 110.72W, 0.03, h4km, 6km, ML3.7/6, Error ellipse: s-maj=3.7km s-min=2.0km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include YNR Norris Junctio, YNR Yellowstone No

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include AKASG Malin Array B, AKASG Lac du Bonnet

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include KFL Anninata, KFL Anninata, KFL Lefkada island, etc.

EVGI	Lefkada island	0.51	30	P	Pg	15 26 31.4	0.0
LKD2	Lefkada island	0.66	23	P	Pg	15 26 35.0	+0.6
LKD2	Lefkada island	0.66	23	P	Sb	15 26 44.6	+0.4
comp=N,242nm,0.6s							
LKD2	Lefkada island	0.66	23	P	Pg	15 26 34.7	+0.4
LKD2	Lefkada island	0.66	23	P	AML	15 26 50.8	
comp=E,532um,0.6s							
LKD2	Lefkada island			AML	AML	15 26 56.1	
TSLK	Tsoukalades, L	0.69	21	P	Pg	15 26 34.8	-0.1
TSLK	Tsoukalades, L	0.69	21	P	Sb	15 26 45.2	+0.1
comp=N,292nm,0.5s							
TSLK	Tsoukalades, L	0.69	21	P	Pg	15 26 34.9	-0.1
RLS	Riolos of Patr	0.90	97	S	Pg	15 26 38.6	-0.3
RLS	Riolos of Patr	0.90	97	S	Sb	15 26 50.2	+0.5
comp=E,511um,0.3s							
RLS	Riolos of Patr			AML	AML	15 26 55.7	
comp=N,606um,0.3s							
PVO	Paravola	1.04	65	P	Pg	15 26 40.5	-0.9
PVO	Paravola	1.04	65	P	Sb	15 26 55.5	+0.6
comp=N,380nm,0.4s							
PVO	Paravola	1.04	65	P	Pg	15 26 41.0	-0.4
PVO	Paravola	1.04	65	P	Sb	15 26 54.4	+0.6
comp=N,696um,0.4s							
PVO	Paravola			AML	AML	15 27 02.3	
comp=E,848um,0.5s							
DRO	Drossia	1.11	101	P	Pg	15 26 42.6	-0.3
DRO	Drossia	1.11	101	P	Sb	15 26 56.5	+0.8
DRO	Drossia			AML	AML	15 27 06.0	
comp=N,1048um,0.4s							
DRO	Drossia			AML	AML	15 27 09.4	
comp=E,900um,0.4s							
EFF	Efpalio	1.26	78	P	Pg	15 26 44.7	-0.2
EFF	Efpalio	1.26	78	P	Sb	15 27 02.3	+0.5
comp=N,200nm,0.5s							
ANX	Ano Chora	1.32	71	P	Pn	15 26 46.1	+0.3
ANX	Ano Chora	1.32	71	P	Sb	15 27 04.2	+0.9
comp=E,285nm,0.6s							
ANX	Ano Chora	1.32	71	P	Pn	15 26 46.1	+0.3
ANX	Ano Chora	1.32	71	P	Sb	15 27 04.0	+0.7
ANX	Ano Chora			AML	AML	15 27 11.6	
comp=E,475um,0.5s							
ANX	Ano Chora			AML	AML	15 27 12.5	
comp=N,686um,0.6s							
SERG	Sergoula	1.38	80	P	Pg	15 26 47.1	+0.6
SERG	Sergoula	1.38	80	P	Sb	15 27 05.6	-0.3
comp=N,170nm,0.5s							
SERG	Sergoula	1.38	80	P	Pn	15 26 46.8	+0.3
TRIZ	Trizonia	1.38	82	P	Pn	15 26 46.4	-0.2
TRIZ	Trizonia	1.38	82	P	Sb	15 27 06.0	0.0
comp=N,248nm,0.5s							
ALIK	Alik, Aigioli	1.41	86	P	Pg	15 26 46.4	-0.4
KALE	Kalitheia	1.44	81	P	Pn	15 26 47.1	+0.3
KALE	Kalitheia	1.44	81	P	Sb	15 27 07.0	+0.5
comp=N,158nm,0.6s							
KALE	Kalitheia	1.44	81	P	Pn	15 26 48.0	+0.6
DSF	Desfina	1.74	82	P	Pn	15 26 51.6	0.0
DBRK	Dubrovnik	4.79	340	eP	Pn	15 27 34.5	+1.1
DBRK	Dubrovnik	4.79	340	eP	Sb	15 28 27.7	-1.1
STON	Ston	5.10	338	eP	Pn	15 27 38.3	+0.7
STON	Ston	5.10	338	eP	Sb	15 28 34.9	+1.5
MAKA	Makarska	5.69	335	eP	Pn	15 27 47.2	+0.2
MAKA	Makarska	5.69	335	eP	Sb	15 28 48.3	-2.6
RICI	Ricice	5.84	336	eP	Pn	15 27 47.3	-0.5
RICI	Ricice	5.84	336	eP	Sb	15 28 53.4	-1.3
ZIRJ	Zirje	6.52	329	iP	Pn	15 27 57.3	+0.2
MORI	Morici	6.67	330	eP	Pn	15 28 00.2	+1.0
DUGI	Dugi Otok	7.04	327	iP	Pn	15 28 04.9	+0.6
UDBI	Udbina	7.21	333	eP	Pn	15 28 09.7	+2.9
NVLJ	Novalja	7.59	329	eP	Pn	15 28 13.0	+1.2

PVO	Paravola	1.04	65	P	Pg	15 45 50.3	-0.1
DRO	Drossia	0.97	107	P	Pb	15 45 52.5	+0.1
DRO	Drossia	0.97	107	P	Sb	15 46 07.9	+0.1
DRO	Drossia	1.08	105	P	Pn	15 45 53.3	-1.1
EFF	Efpalio	1.21	81	P	Pn	15 46 10.9	+0.1
EFF	Efpalio	1.21	81	P	Sb	15 45 53.3	-1.1
ANX	Ano Chora	1.25	73	P	Pn	15 45 54.8	-0.3
ANX	Ano Chora	1.25	73	P	Sb	15 46 07.9	+0.1
ANX	Ano Chora	1.25	73	P	Pn	15 45 54.7	-0.5
ANX	Ano Chora	1.25	73	P	Sb	15 46 14.3	+2.2
IGT	Igoumenitsa	1.29	358	P	Pn	15 45 54.7	-0.9
IGT	Igoumenitsa	1.29	358	P	Sb	15 46 12.2	-0.2
IGT	Igoumenitsa	1.29	358	P	Pg	15 45 57.2	+0.8
IGT	Igoumenitsa	1.29	358	P	Sb	15 46 14.8	+1.7
SERG	Sergoula	1.32	82	P	Pn	15 45 55.3	-0.8
SERG	Sergoula	1.32	82	P	Sb	15 46 14.0	+0.3
SERG	Sergoula	1.32	82	P	Pn	15 45 55.9	-0.2

TAP 30 15:46:38.2, 23:20N, 120:39E, h6km, ML0.7, B, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	h m s ISC	
ELDTW	Lidau	0.08	97	eP	Pg	15 46 40.8	+0.6
ELDTW	Lidau	0.08	97	eP	Sb	15 46 42.1	+0.7
STYT	Tauyuan	0.17	258	P	Sg	15 46 42.1	+0.5
STYT	Tauyuan	0.17	258	P	Sb	15 46 44.5	+0.6
TPUB	Ta-pu	0.30	290	eP	Pb	15 46 46.1	+0.1
TPUB	Ta-pu	0.30	290	eP	Sb	15 46 49.7	-1.5
WTP	Ta-pu	0.30	279	P	Sg	15 46 45.0	+0.9
WTP	Ta-pu	0.30	279	P	Sb	15 46 49.9	-1.4
FULB	Ful	0.33	90	eP	Pb	15 46 46.9	+0.3
FULB	Ful	0.33	90	eP	Sb	15 46 51.9	-0.2
SLGT	Liugui	0.33	233	eP	Pg	15 46 45.6	+0.9

TAP 30 15:46:38.4, 23:60N, 120:85E, h11km, ML0.8, C, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	h m s ISC	
ALS	Alishan	0.10	203	P	Pg	15 46 41.8	+0.4
ALS	Alishan	0.10	203	P	Sb	15 46 43.9	+0.3
WHYT	Xinyi Township	0.15	4	P	Pg	15 46 42.0	+0.8
WHYT	Xinyi Township	0.15	4	P	Sb	15 46 44.1	+0.9
CHN5	Tsauling	0.15	269	P	Pg	15 46 42.7	+0.7
CHN5	Tsauling	0.15	269	P	Sb	15 46 45.7	+1.2
SSLB	Suanguang	0.21	28	P	Pb	15 46 43.8	-0.6
SSLB	Suanguang	0.21	28	P	Sb	15 46 47.2	+1.1
VWDT	VWDT	0.31	60	eP	Pb	15 46 45.8	-0.2
VWDT	VWDT	0.31	60	eP	Sb	15 46 46.1	-0.3
CHN4	Tsushan	0.34	223	eP	Pb	15 46 46.1	-0.4
CHN4	Tsushan	0.34	223	eP	Sb	15 46 51.7	-0.2

WEL 30 15:56:29.7, 40:05N, 176:6E, 0.7, h14km, 1km, M3.5/15, ML3.8/15, MLV3.5/15, Error ellipse: s-maj=0.0km, s-min=0.0km az=140.1, North Island

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	h m s ISC	
WPHZ	Waipukurau	0.14	222	Op	Pb	15 56 34.4	+0.2
PXZ	Pawanui	0.24	108	P	Pb	15 56 35.4	+0.5
PXZ	Pawanui	0.24	108	P	Sb	15 56 40.0	+0.1
PNHZ	Pukenui	0.28	279	P	Pn	15 56 36.5	-0.1
PNHZ	Pukenui	0.28	279	P	Sb	15 56 41.5	+0.2
KAHZ	Kahuranaki	0.29	56	P	Pb	15 56 36.6	-0.1
PRHZ	Porangahua	0.31	179	P	Pn	15 56 37.0	0.0
KRHZ	Kereru	0.35	335	P	Pn	15 56 42.4	-0.7
KRHZ	Kereru	0.35	335	P	Sb	15 56 39.5	-0.1
DVHZ	Dannevirke	0.46	222	P	Pb	15 56 39.7	-0.1
TSVZ	Takapari Road	0.47	258	P	Pn	15 56 40.0	+0.3
CKHZ	Cape Kidnapper	0.50	53	P	Pb	15 56 40.7	+0.2
ANWZ	Angora Road	0.51	188	P	Pn	15 56 41.0	+0.6
MCHZ	McNeill Hill	0.52	11	P	Pb	15 56 41.2	+0.5
KWHZ	Kaweka Forest	0.55	348	P	Pn	15 56 41.0	-0.1
BHZZ	Black Hill Sta	0.61	320	P	Pn	15 56 41.9	-0.2
POWZ	Post Office Ro	0.75	234	P	Pn	15 56 47.7	+0.2
PRWZ	Porirua Road	0.75	217	P	Pn	15 56 45.3	-0.6
BFZ	Birch Farm	0.76	198	P	Pn	15 56 45.2	+0.4
ARHZ	Aropanoani	0.77	26	P	Pb	15 56 45.9	-0.3
BKZ	Black Stump Fm	0.79	356	P	Pb	15 56 45.5	+0.2
MOVZ	Moawhanga	0.83	311	P	Pn	15 56 46.1	+0.1
NMHZ	Naumaiia	0.88	220	P	Pn	15 56 47.7	+0.2
TIWZ	Tintock	0.97	212	P	Pn	15 56 48.3	0.0
TUVZ	Tukino	0.98	314	P	Pn	15 56 49.2	-0.1
OHWZ	Ohakea	0.99	255	P	Pn	15 56 49.5	+0.4
CPWZ	Castlepoint	0.99	196	P	Pb	15 56 48.7	+0.1
WHVZ	Whangape Hut	1.01	312	P	Pn	15 56 49.0	+0.1
MWVZ	Mangatere	1.02	304	P	Pn	15 56 49.8	+0.1
HTVZ	Haiti	1.02	31	P	Pn	15 56 49.1	0.0
TRVZ	Turoa	1.02	310	P	Pn	15 56 49.9	0.0
MRZ	Mangatainoka R	1.03	227	P	Pn	15 56 49.1	-0.2
DRZ	Dome Shelter	1.03	311	P	Pn	15 56 50.9	+0.9
FWVZ	Far West T-bar	1.03	312	P	Pn	15 56 50.9	+0.1
NGZ	Ngauruhoe	1.08	316	P	Pn	15 56 50.8	+0.2
RAHZ	Arahi	1.12	21	P	Pb	15 56 50.5	-0.3
KRVZ	Karewarewa	1.12	320	P	Pn	15 56 51.4	+0.1
RITZ	Rihia Road	1.12	311	P	Pg	15 56 51.8	+0.5
MTHZ	Maungataniwha	1.12	11	P	Pg	15 56 50.7	-0.3
HATZ	Haiti	1.13	314	P	Pn	15 56 51.3	-0.1
MRHZ	Matea Rd	1.13	354	P	Pg	15 56 51.3	-0.1
WTVZ	West Tongariro	1.13	318	P	Pg	15 56 51.6	+0.1
KPVZ	Kokako	1.15	305	P	Pg	15 56 52.1	+0.2
KATZ	Kakaramea	1.19	325	P	Pg	15 56 52.7	+0.1
WAZ	Wanganui	1.23	299	P	Pg	15 56 53.9	+0.5
HOWZ	Holdsworth Sta	1.23	220	P	Pg	15 56 51.7	-1.0
TWVZ	Taurewa	1.24	315	P	Pg	15 56 53.3	-0.3
RATZ	Rangituk						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like Frank Sound, G, Mount Denham, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like Chosi, Hitachinakyay, Hitachi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like URZ, Urewera, DZM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like Villa Florida, Sanae, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like H1N2, H1N1, H1N3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like URZ, Urewera, STKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like TTIG, Trine Tigouga, ZAGRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like LBTB, Lobatse, BOSa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like PDGG, Podgornoye, MDOk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like URZ, Urewera, CTA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like RAO, Raoul Island, MSVf, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like URZ, Urewera, ZALV, etc.

Table with columns for station call signs (MDJ, MDJ, MDJ, etc.), frequencies, and signal quality indicators (sP, pP, S, SS, etc.).

Table with columns for station call signs (YAK, YAK, YAK, etc.), frequencies, and signal quality indicators (pmax, smax, MLR, etc.).

Table with columns for station call signs (SORM, LEOM, KMSI, etc.), frequencies, and signal quality indicators (P, P, P, etc.).

30d 17h

Table of station data for 30d 17h, including station names, coordinates, and various parameters like elevation and frequency.

2014 MAR

Main table of station data for 2014 MAR, listing station names, coordinates, and various parameters.

1700

Table of station data for 1700, including station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND, ASAR Alice Springs, ASAR 5.8nm, etc.

NEIC 30 19:10:41.0, 2.3, 24.19S:0.04:68.62W:0.09, h110km, 8km, Error ellipse: s-maj=11.9km s-min=5.0km az=86.0

GUC 30 19:10:42.6, 0.8, 24.15S:68.80W, h102km, 6km, ML3.6

ISC 30 19:10:41.0, 4.0, 24.17S:0.04:68.79W:0.06, h112km, 8km, n54, c1568/69, mb3.9/3, 5C-1D, Chile-Argentina border region

Main table for 30/20h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their parameters.

ISC 30 19:14:02.5, 7.8, 12.57S:167.05E, h155km, 67km, mb3.7/15, mb1 3.9/15, mb1mx3.8/29, mbtmp4.0/15, Error ellipse: s-maj=27.9km s-min=18.6km az=104.0

NEIC 30 19:14:10.6, 1.2, 22.55S:0.1:166.94E:0.06, h226km, 7km, mb4.1/15, Error ellipse: s-maj=20.9km s-min=3.9km az=203.0

ISC 30 19:14:09.8, 0.6, 12.65S:0.1:167.0E:0.1, h220km, n40, c080/43, mb3.9/20, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, EIDS Eidsvold, ARMA Armadale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like STKA Stephens Creek, STKA Warramunga Arr, WBR2 Warramunga Arr, etc.

ISC 30 19:17:41.1, 2.5, 28.40S:62.58E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/25, mbtmp3.6/4, Error ellipse: s-maj=93.8km s-min=32.6km az=40.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISC 30 19:39:48.2, 2.4, 10.97N:95.09E, h0km, mb3.3/3, mb1 3.4/4, mb1mx3.2/31, mbtmp3.2/4, ML2.9/1, Error ellipse: s-maj=81.1km s-min=28.1km az=67.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, WRA Warramunga Arr, etc.

NEIC 30 20:09:42.9, 2.2, 26.23S:0.07:177.7W:0.1, h165km, 3km, mb4.7/25, Error ellipse: s-maj=16.0km s-min=9.6km az=119.0

GCMT 30 20:09:44.0, 0.3, 26.35S:0.02:177.45W:0.02, h197km, 3km, MW5.0/95, Moment Tensor Solution, s33:c37; s95:c128; Duration: 0. Moment tensor: Scale 10^16Nm; Mr:1.60t;12; Ms:1.61t;15; M0:0.00t;14; Mw:2.43t;10; M0:2.52t;10; M0:0.58t;09; Best double couple: M3.89200x10^16 NP1.9s17.000000, d44.000000, 1.24.000000. NP2.9s269.000000, d74.000000, 1.31.000000. Principal axes: T 3.8050, Plg45.0000, Azm221.0000; N 0.1720, Plg39.0000, Azm75.0000; P -3.7870, Plg18.0000, Azm330.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate

ISC 30 20:09:44.7, 0.6, 26.27S:177.75W, h176km, 6km, mb4.1/14, mb1 4.3/16, mb1mx3.4/20, mbtmp4.6/16, MS3.6/6, Ms1 3.3/6, Ms1mx3.0/44 Error ellipse: s-maj=16.7km s-min=12.3km az=107.0

ISC 30 20:09:44.3, 0.4, 26.35S:0.05:177.70W:0.08, h176km, n120, c1976/111, mb4.5/26, 2C-1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like URZ Urewera, RAGZ Rawiri, RIGZ Rangi, etc.

30d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tucklaechee C, Santo Domingo, Rosedale, Jewell Farm, etc.

IDC 30 22:11:00.0, 2.8, 47.89Nk:158.47E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.1/44, mbtmp3.3/4, ML2.3/1, Error ellipse: s-maj=52.3km s-min=38.4km az=167.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pavuzhetka, ASAK Asacha, etc.

IDC 30 22:23:59.7, 2.1, 7.74S:126.34E, h0km, mb3.1/1, mb1 3.6/3, mb1mx3.4/22, mbtmp3.4/3, ML3.4/2, Error ellipse: s-maj=231.9km s-min=33.3km az=62.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

SJA 30 22:55:12.4, 1.0, 23.98S:66.69W, h229km, 24km, ML3.8, MW3.6

IDC 30 22:55:13.6, 1.3, 23.89S:66.56W, h197km, 12km, mb3.7/2, mb1 3.6/7, mb1mx3.3/24, mbtmp3.9/7, MS3.3/2, ms1mx2.6/25, Error ellipse: s-maj=20.4km s-min=18.0km az=16.0

GUC 30 22:55:16.0, 0.4, 23.75S:67.25W, h244km, 6km, ML4.5

ISC 30 22:55:13.0, 0.7, 23.99S:0.06:66.68W, 0.06, h200km, n38, a146/47, 6C-1D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AZAP Zapla, YJA Yavi, LVC Limon Verde, etc.

2014 MAR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

NNC 30 23:04:57.8, 0.3, 43.11N:78.34E, h0km, mb2.9, mpv2.8, Error ellipse: s-maj=4.0km s-min=1.7km az=176.0

IASPEI 30 23:04:58.3, 0.8, 43.08N:0.03:78.35E, 0.02, h11km, 5km, Error ellipse: s-maj=4.4km s-min=2.7km az=159.8, GT5 selection from ISC bulletin GT5 identified by Bond and McLaughlin (2009) selection criteria Bond and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Lett.</i>, 80, 465-472, 2009

KRNET 30 23:04:58.0, 1.4, 43.08N:78.35E, h18km, mb2.6

SOME 30 23:04:58.9, 43.08N:78.35E, h15km

ISC 30 23:04:58.6, 0.9, 43.10N:0.02:78.31E, 0.01, h5km, 7km, n65, a157/125, 18C-22D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SATY Saty, SATY Saty, SATY Saty, etc.

1704

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNSS Tian-Shan, ARXS Arhary, ARXS Arhary, etc.

MK31 Makanchi Array 4.65 36 ||Pn Pn 23 06 10.7+1.2
0.1nm,0.3s,baz=214,slow=12,SNR=5.9
MK31 ||Lg Lg 23 07 25.5
0.5nm,0.6s,baz=212,slow=28,SNR=4.6

RSNC 30 23:40:43.0-0.9,3.57N-76.37W,h122km,4km,ML3.1,
Mw3.6,4C-6D,Fault plane solution: NP1:phi=128.00000°,
866.00000°,1106.00000°,Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

IDC 30 23:45:58.4-4.2,16;70Sx70.57W,h149km,31km,mb3.8/3,
mb1 3.7/6,mb1mx3.3/28,mbtmp4.1/6,Error ellipse:
s-maj=5.7km s-min=4.0km az=73.0

ISC 30 23:45:58.5-1.4,16.7S;02.70W,0.1,h150km,n6,
<0867/,mb3.9/3,Southern Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC and ISC events.

CNRM 31 00:01:58.2-0.8,33;34N;4.98W,h1km,5km,Error ellipse:
s-maj=5.7km s-min=4.0km az=73.0
MDD 31 00:01:58.2-3.0,33;39N;5.03W,h0km,mb3.3/5,Error
ellipse: s-maj=27.8km s-min=24.0km az=158.0,PRXIMO

INMG 31 00:01:59.2-1.1,33;33N;4.89W,h31km,ML2.0,Error
ellipse: s-maj=5.0km s-min=2.4km az=73.0
ISC 31 00:01:56.6-1.2,33;44N;0.02;4.89W;0.04,h8km,10km,
n41,<1575/68,Morocco

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the CNRM, MDD, INMG, and ISC events.

Table with columns: AVE, TDRA, SRHM, SRHM, TZRR, TZRR, OUZM, OUZM, OUK, OUK, OUK, OUK, ZIGR, ZIGR, TZRR, TZRR, TTIG, TTIG, PBDV, PBDV, PBDV, PBDV, EMIN, EMIN, EMIN, EMIN, PVAQ, PVAQ, PVAQ, PVAQ, PVAQ, PVAQ, EQES, EQES, EGRO, EGRO, EGRO, EGRO, ECAB, ECAB, ECAB, ECAB, EADA, EADA, EADA, EADA, PFVI, PFVI, PFVI, PFVI, PCVE, PCVE, PCVE, PCVE, MORF, MORF, MORF, MORF, PTEO, PTEO, PTEO, PTEO, MESJ, MESJ, MESJ, MESJ, PNCL, PNCL, PNCL, PNCL, EBAD, EBAD, EBAD, EBAD, PESTR, PESTR, PMTG, PMTG, PMRV, PMRV, PCBR, PCBR, PCBR, PCBR, IDC 31 00:54:41.6;1.6,32;55S;178;87W,h0km,mb4.6/2,
mb1 4.8/3,mb1mx4.1/23,mbtmp4.5/3,ML4.0/1,Error
ellipse: s-maj=56.9km s-min=33.7km az=143.0
WEL 31 00:54:47.0;0.3,33;33S;17;91W;1;h33km,ML4.3/15,
mb2.4/7,ML4.3/15,ML4.4/15,Mw(B)4.1/7
ISC 31 00:54:46.1-0.9,32;91S;0.06;178.5W;0.1,h35km,n37,
<151/46,South of Kermadec Islands

IDC 31 00:54:41.6;1.6,32;55S;178;87W,h0km,mb4.6/2,
mb1 4.8/3,mb1mx4.1/23,mbtmp4.5/3,ML4.0/1,Error
ellipse: s-maj=56.9km s-min=33.7km az=143.0
WEL 31 00:54:47.0;0.3,33;33S;17;91W;1;h33km,ML4.3/15,
mb2.4/7,ML4.3/15,ML4.4/15,Mw(B)4.1/7
ISC 31 00:54:46.1-0.9,32;91S;0.06;178.5W;0.1,h35km,n37,
<151/46,South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC and ISC events.

IASPEI 31 00:58:00.9-0.8,33;90N;0.02;117;96W;0.02,h4km,6km,
Error ellipse: s-maj=3.7km s-min=2.5km az=35.3,GTK5
selection from ISC bulletin G75 identified by Bondr and
McLaughlin (2009) selection criteria Bondr and
McLaughlin, A new ground truth data set for seismic
strides, <>Seism. Res. Let., <>>,465-472,
2009
ANF 31 00:58:00.5-0.2,33;89N;117;95W,h2km,1km,ML2.4/20,
Error ellipse: s-maj=1.4km s-min=1.1km az=34.0,
SCED3 31 00:58:01.6;2.7,33;90N;117;96W,h4km,
PAS 31 00:58:01.6;2.7,33;90N;0.01;117;95W;0.010,
h4km,3km,ML2.3/149,Error ellipse: s-maj=1.7km
s-min=1.1km az=200.0
NEIC 31 00:58:01.5;1.4,33;91N;0.010;117;91W;0.01,
h14km,3km,Error ellipse: s-maj=1.6km s-min=1.4km
az=136.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the IASPEI, ANF, SCED3, PAS, NEIC, and HFS events.

ISC 31 00:58:01.7-0.8,33;91N;0.02;117;95W;0.02,h16km,5km,
n71,<092/98,Southern California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC event.

PAS 31 00:59:50.7;1.4,33;90N;0.01;117;96W;0.02,h4km,6km,
ML2.3/154,Error ellipse: s-maj=2.6km s-min=1.2km
az=42.0
NEIC 31 00:59:50.2-0.8,33;91N;0.01;117;94W;0.02,h17km,2km,
Error ellipse: s-maj=2.1km s-min=1.6km az=221.0,
Southern California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the PAS and NEIC events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PEM, CRNC, MWC, PASC, PASO, SSK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KIW, TRWZ, HRRZ, KUTZ, RAGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TBI, BBOO, MTSU, PAE, PPT2, etc.

BUI 31 01:01:18.9,0.0,40.51Sx175.94E,h21km,mB5.8/13, mB5.4/15,Ms5.2/9,Ms7.4/9/7
WEL 31 01:01:19.5,40.0S,0.8,-17.7E, h17km,2km,MS.2/142, ML5.8/20,MLV5.2/142,Error ellipse: s-maj=0.7km s-min=0.0km az=73.3
IDC 31 01:01:20.2,6.2,39.74S,176.61E,h28km,17km,mB4.6/12, mB1.4/7/12,mB1mx4.6/20,mBtmp4.7/12,MS4.5/18, mB1.4/5/18,ms1mx4.4/22,Error ellipse: s-maj=18.6km s-min=15.3km az=85.0
NEIC 31 01:01:21.6,2.7,39.87S,0.06:176.2E:0.1, h35km,3km, Error ellipse: s-maj=12.6km s-min=6.5km az=117.0
GCMT 31 01:01:21.5,0.2,40.04S,0.01:176.66E:0.01, h21km, MW5.2/19, Moment Tensor Solution. s92,c127, s119,c185; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=5.49e-17; Mw=0.27e-12; M2=5.23e-11; M3=0.98e-24; Mw=2.40e-08; NP2=4.0000e-07; NP3=8.37e-0000e-07; 1.120.000000; NP2=4.000000; 858.000000; 1.69.000000; Principal axes: T 6.5510, P169.0000; Azm20.0000; N 0.0830, P167.0000; Azm16.0000; P -6.6400; Azm17.0000; Azm109.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 31 01:01:19.8-0.7,39.98S,0.02:176.61E:0.02,h24km,14km n342,c1944/366,mB5.1/34,MS4.5/23,2C-12,CC

Code Station Name Az Az' Phase ID Time Res
Code Station Name Az Az' Phase ID Time Res
Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like WPHZ, PXZ, KHZ, PRHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like WPHZ, PXZ, KHZ, PRHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TAOE, MEKE, QSPA, GIRL, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

ADC 31 01:28:17.2.0.9, 23.715:67.59W, h137km, 9km, mb4.0/12, mb1 4.0/16, mb1mx3.9/26, mbtmp4.4/16, MS3.9/2, Ms1 3.9/2, ms1mx3.0/25, Error ellipse: s-maj=14.7km s-min=12.2km az=79.0

VAO 31 01:28:17.0.7.23.60S:67.83W, h161km, 7km, mb4.1 NEIC 31 01:28:17.0.3.1.23.76S:67.83W, h157km, 6km, Error ellipse: s-maj=10.3km s-min=5.7km az=217.0

GUC 31 01:28:17.0.7.23.78S:68.23W, h179km, 11km, ML4.7 ISC 31 01:28:16.6.0.7.23.78S:68.23W, h179km, 11km, ML4.7, ISC 31 01:28:16.6.0.7.23.78S:68.23W, h179km, 11km, ML4.7

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

ADC 31 01:29:34.0.5.0.40.02S:176.68E:0.03, h21km, 1km, n188, s1912/197, mb4.4/10, North Island

WEL 31 01:29:35.2.40.05:0.7:176.5E:1.0, h16km, 2km, M4.4/134, ML4.9/14, ML4.4/134, Error ellipse: s-maj=0.0km s-min=0.0km az=65.9

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

NCC 31 01:30:44.5:13.0,37.32N:70.83E,h81km,440km,mb3.4, mpv3.8,2C-4D,Error ellipse:s-maj=110.4km, s-min=87.9km,az=155.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KK31 Karatay Array, KK31 0.4nm,0.2s,baz=187,slow=23,SNR=6.4, AAK Ala-Archa, AAK 3.7nm,0.4s, CHMS Chumysh, CHMS 6.3nm,0.6s, AB31 Akbulak array.

SKO 31 01:36:55.2,42.60N:20.30E,h15km TIR 31 01:37:04.8,41.98N:20.66E,h7km,Md2.5/3 BEO 31 01:37:06.5,0.3,41.98N:20.73E,h0km,ML1.7/9 ISC 31 01:37:05.1:2,42.00N:0.02:20.69E:0.02,h0km,11km, n28,e1503/47,1C-1D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PPH Peshkopia, PPH Skopje, SKO Skopje, BCI Bajram Curri, PUK Puka, OHR Ohrid, TIR Tirane, PDG Podgorica, BARS Barje, BARS Selo, SJSJ Seljava, SJSJ Senica, BOSS Bosilegrad, VAY Valandovo, BOVS Bovan, TREB Trebinje, GRUS Gruza, ZAVS Zavoj, DUBR Dutorovnik, ZAGS Zajecar, DIVS Divibare, TRUS Trudelj, STON Ston, MAKA Makarska, RIC1 Ricice, ZIR1 Zirje, DUGI Dugi Otok, NVLJ Novalija.

IDC 31 01:53:16.5:0.9,39.87S:176.40E,h0km,mb4.6/6, mb1 4.78,mb1mx3.2/27,mbmp3.4/5,ML3.8/2,MS3.7/5, Ms1 3.7/5,ms1mx3.3/27,Error ellipse:s-maj=253.2km, s-min=12.6km,az=113.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WEL 31 01:53:19.7,40.02S:176.5E:0.7,h13km,1km,M4.5/12/7, ML5.0/16,MLv4.5/12/7,Error ellipse:s-maj=0.2km, s-min=0.0km,az=72.2 NEIC 31 01:53:19.7:2.5,39.96S:0.07:176.4E:0.1,h24km,4km, Error ellipse:s-maj=16.2km,s-min=7.1km,az=116.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WPHZ Waipukurau, WPHZ Pawanui, PRXZ Porangahau, KAHZ Kahuranaki, PNHZ Pukenui, KRHZ Kereru, DVHZ Dannevirke, ANWZ Angora Road, TSZ Takapari Road, CKHZ Cape Kidnapper, MCHZ McNeill Hill, WCHZ Kaweka Forest, BHHZ Black Hill Sta, BFZ Birch Farm, PRWZ Poriri Road, POWZ Post Office Ro, ARHZ Aropoanui, BKZ Black Stump Fm, MOVZ Moawhango, TIWZ Tintock, WAIZ Wanganui, CPWZ Castleton, OHWZ Ohaeka, MRVZ Mangatoinaka R, TRVZ Tukino, WHVZ Waihua, WHVZ Whangehu Hut, MTVZ Mangateiti, TRVZ Turoa, DRZ Dome Shelter, FWVZ Far West T-bar, NGVZ Ngauruhoe, ARHZ Arahi, MTHZ Maungataiwhia, KRVZ Karewarewa, RITZ Rihia Road, HATZ Hinemaiaia, MRHZ Mataea Rd, WTVZ West Tongariro, HOWZ Holdsworth Sta, PKVZ Pokaka, TMWZ Te Maipa, KATZ Kakarama, WAZ Wanganui, KNZ Kokohu, TWVZ Taurewa, RATZ Rangitukia, OHVZ Mahia Peninsula, GHWZ Olaki Gorge, SHWZ Shannon Statio, MTW Mount Morrison, RTZ Ruatuhuna, WHTZ Whakaora.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ALRZ Allen Road, WATZ Wairara, PRGZ Paritua Road, PRRZ Plateau Road, WPRZ Whakapapatarin, KWZ Kapiti Island, TRWZ Traveller, MWZ Murupara, RIGZ Rimuhau, CAW Cannon Point, PAWZ Parauwai Farm, KUZ Kupa Road, HRRZ Handcock Road, RAGZ Rawiri, VRZ Vera Road, RRRZ Republican Rd, GBRZ Galatos Road, HSRZ Hesse Road, MSWZ Moikau Station, HLHZ Highlands Stat, LREZ Lake Rotokare, TRZ Mount Tararua, URZ Urewera.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ 143nm,0.3s,baz=90,slow=20,SNR=4.7, URZ Urewera, MWZ Matawhi, TKGZ Te Karaka, PLWZ Palliser, PLWZ Palliser, UTRZ Utopia, TLZ Tolley Road, MKRZ Makatiti, WEL Wellington, BHW Baring Head, EDRZ Edgecumbe, CMRZ Carrington, SNZO South Korori, NGRZ Ngongotaha, PREZ Palmer Road, KARZ Kararoa, KHZ Kahurangi Sta, DREZ Durham Road, MARZ Manawhau, KHEZ Kahui Hut, TCHZ Tory Channel, OPRZ Ohinepaea, PKRZ Puketapu, WHRZ Whale Island, NMEZ Namu Road, DUWZ D'Urville Isla, RUGZ Raukumara Rang, KMRZ Kaimai, HNZ Hopkiss Road, TGRZ Taurangi, TGRZ Taurangi, PUZ Puketiti, TOUZ Tahuroa Road, HAZ Kaha, TUWZ Tuamareia, TUWZ Tuamareia, CMWZ Cape Campbell, CMWZ Cape Campbell, WMGZ Waiomatatini S, BSWZ Blackbirch Sta, NNZ Nelson, MXZ Matakoao Point, QRZ Quartz Range, QRZ Quartz Range, THZ Topohouse, THZ Topohouse, AWAZ Awahitu Peninsu, KHZ Kahutara, ETAZ East Tamaki Re, KUZ Kuatutu, WIAZ Waiheke Island, WTAZ Waitarua, MBAZ Motutapu North, GBZ Army Bay, ARZ Great Barrier, VVZ Great Valley S, DSZ Denniston North, LTZ Lake Taylor, AMCZ Amberley, WCZ Waipu Caves, OKCZ Okains Bay, MCQZ McQueen's Vall, MOZ McQueen's Vall, INZ Incheon, AKCZ Akaroa Harbour, OXZ Oxford, OXZ Oxford, RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RPZ 2.8nm,0.3s,baz=313,slow=0.9,SNR=26, RPZ 2.1nm,0.3s,baz=133,slow=23,SNR=23, FOZ Fox Glacier, LBZ Lake Benmore, LBZ Lake Benmore, I66NZ CHATHAM INFRAS, WKZ Wanaka, WKZ Wether Hill Ro, WDMZ Mount Dumz, DZM Dismal, TOO Toolangi, TOO Toolangi, STKA Stephens Creek, STKA Stephens Creek, STKA BUCKLEBOO, PPT Papetele, COEN Coen, COEN Coen, AS31 Alice Springs, ASAR Alice Springs, PMG Port Moresby, WR0 Warramunga Arr, WR0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WBO Warramunga Arr, FITZ Fitzroy Crossi, GSPA South Pole Qui, GSPA South Pole Qui, KISR Cisompet, KISR Cisompet, KSAR Wonju Array, NJ2 Nanjing, CMAR Chiang Mai, CD2 Chengdu, HHC Hu-ho-hao-te, YKA Yellowknife, YKA Yellowknife.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Karatay Array, PLVO Plevna, KBZ Khabaz, LIC Lamto, LIC Lamto, LIC Kanto, LIC Kanto, KIC Kanton Boka, ARCES ARCES Array B, TIC Tuumodi, TIC Tuumodi, TIC Tuumodi, DBIC Dimbokro, BR13 Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, FINES FINES Array B, FINES FINES Array B, KAGES Mainin Array B, KAGES GRESS Array B.

IDC 31 01:54:43.6:6.7,25.70N:127.64E,h0km,mb3.6/3, mb1 3.7/4,mb1mx3.3/35,mbtm3.6/4,ML3.3/1,MS3.5/2, Ms1 3.5/2,ms1mx2.7/42,Error ellipse:s-maj=129.4km, s-min=76.1km,az=124.0 JMA 31 01:55:09.0:2,27.38N:127.37E,h11km,3km,M3.9 ISC 31 01:55:08.6:0.9,27.35N:127.39E:0.10,h120km,12km,n19,e0885/25,mb3.5/3,Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JIH Iheya, JAGN Aguni-jima, JAGN Aguni-jima, JUKI Kunigami, JYRO Yoronjima, JYRO Yoronjima, JNTH Nagotoyohara, JNTH Nagotoyohara, JOKE Okinoerabujima, JOKE Okinoerabujima, JKE Kume jima 2, JKT3 Tamagusuku3, JKT3 Tamagusuku3, JMT Tokunoshima, JAM Aminishikomi, JAM Amami Oshima, JAM Amami Oshima, JTJ Takarajima, JZK Kikaishima, JZK Kikaishima, KSR Korea Array, SONM Songoing Array, KAPI Kappang, MKAR Makanchi Array, AKTO Aktyubinsk, NOA NORSE Array.

IDC 31 02:02:09.8:3.9,7.16S:124.84E,h548km,53km,mb2.8/2, mb1 2.9/4,mb1mx2.6/33,mbtm3.8/4,Error ellipse:s-maj=181.2km,s-min=14.9km,az=61.0,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, WEL 31 02:11:33.8:7.3,7.09S:127.72E,h198km,67km,mb3.2/2, mb1 3.6/5,mb1mx3.2/30,mbtm3.4/0.5,Error ellipse:s-maj=100.1km,s-min=27.3km,az=55.0,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, LPAZ La Paz, LPAZ La Paz, WEL 31 02:14:35.9,40.0S:0.6:176.5E:0.8,h14km,1km,M3.7/10/7, ML4.1/14,MLv3.7/10/7,Error ellipse:s-maj=0.0km, s-min=0.0km,az=74.1,North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WPHZ Waipukurau, WPHZ Pawanui, PXZ Pawanui, PNHZ Pukenui, PRHZ Porangahau, KAHZ Kahuranaki, SHZ Shearwater, KRHZ Kereru, DVHZ Dannevirke, TSZ Takapari Road, ANWZ Angora Road, CAHZ Cape Kidnapper, MCHZ McNeill Hill, WCHZ Kaweka Forest, BHHZ Black Hill Sta, BFZ Birch Farm, PRWZ Poriri Road, POWZ Post Office Ro, ARHZ Aropoanui, BKZ Black Stump Fm, MOVZ Moawhango, TIWZ Tintock, WAIZ Wanganui, KNZ Kokohu, TWVZ Taurewa, RATZ Rangitukia, OHVZ Mahia Peninsula, GHWZ Olaki Gorge, SHWZ Shannon Statio, MTW Mount Morrison, RTZ Ruatuhuna, WHTZ Whakaora.

31d 3h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like TUUV, MRZ, WHVZ, etc.

NSSP 31 02:24:47.0, 39:05N:44:43E, h10km, Ms3.2
ATA 31 02:24:49.7, 0.6, 39:15N:44:40E, h12km, 12km, ML2.8, MW3.2

ISK 31 02:24:50.6, 39:17N:44:32E, h5km, ML3.2/17
TEH 31 02:24:52.0, 39:15N:44:55E, h10km, ML3.0
ISC 31 02:24:50.7, 1.1, 39:14N:0.02:44:42E, 0.02, h7km=10km, n69, r1923/85, 5C-30, Iran-Armenia-Azerbaijan border

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CLDR, HYR, DYDN, etc.

2014 MAR

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like SENK, HOMA, AHAR, etc.

ISC 31 02:28:55.1, 2.8, 36:49N:71:32E, h196km, 24km, mb3.2/9, mb1 3.3/16, mb1mx2.2/45, mbtmp3.8/16, MS3.4/1, Ms1 3.4/1, ms1mx2.6/21, Error ellipse: s-maj=23.2km s-min=15.5km az=6.0

NNC 31 02:28:59.8, 1.9, 36:98N:71:04E, h192km, 24km, mb3.1, mps4.0, Error ellipse: s-maj=17.5km s-min=12.5km

ISC 31 02:28:55.9, 0.6, 36:67N:0:05:71:18E, 0:06, h200km, n56, r141/64, mb3.5/9, 3C-7D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CHCP, HONG, SARP, etc.

1710

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like FINES, NB2, NOA, etc.

ISC 31 02:29:07.1, 61.0, 16:78S:177:83W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/23, mbtmp3.7/3, Error ellipse: s-maj=1133.0km s-min=127.4km az=78.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like STKA, WRA, ASAR, etc.

ISC 31 02:36:39.6, 3.3, 12:99N:123:34E, h0km, mb3.3/3, mb1 3.4/3, mb1mx3.2/36, mbtmp3.3/3, Error ellipse: s-maj=293.3km s-min=28.4km az=63.0, Luzon region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like WRA, ASAR, MKAR, etc.

DJA 31 02:44:39.9, 9.5, 3:30N:142:10E, h11km, 7km, M2.9/4, ML2.9/4, Southern Sumatra region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like LWLI, MDSI, MNAI, etc.

JMA 31 02:59:15.2, 0.1, 38:93N:141:92E, h51km, 1km, M3.8
JMA Fell II J1
NEIC 31 02:59:15.5, 1.5, 38:93N:0:09:142:2E, 0.2, h64km, 15km, mb4, 1/2, Error ellipse: s-maj=27.7km s-min=3.4km

ISC 31 02:59:16.5, 3.2, 38:90N:142:15E, h72km, 23km, mb3.6/7, mb1 3.6/11, mb1mx3.4/47, mbtmp3.8/11, Error ellipse: s-maj=39.4km s-min=2.1km az=86.0

ISC 31 02:59:14.9, 1.2, 38:91N:0:05:141:95E, 0:09, h47km, 8km, n41, r1561/44, mb4.0/9, Near east coast of eastern Honshu region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like OFUJ, JGMT, JMK, etc.

KRNET 31 03:15:02.3, 0.1, 40:22N:70:41E, mb2.5
ISC 31 03:15:01.9, 3.1, 40:10N:0:10:73E, 0.1, h16km, n7, r223/13, 11C-4d, Tajikistan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like BTK, BTK, ARSB, etc.

Table with columns: JIRD, Jiri, comp, Z, S, m, P, Pmax, 04 18 26.5 +0.7, etc. Lists various astronomical observations with their respective parameters and coordinates.

Table with columns: GYAOb, IAmB, IAmB, 04 21 32.1, etc. Lists astronomical observations, including names like KURK Kurchatov and ZALV Zalesovo Beam, with their parameters and coordinates.

Table with columns: BILL, pmax, pmax, 04 24 26.2 +0.7, etc. Lists astronomical observations, including names like FINES FINESS Array B and PDG Podgama, with their parameters and coordinates.

ADC 31 04:13:38.0,0.5, 4.77S; 103.97E, h0km, mb4.2/23, mb1 3.9/23, mb1mx4.1/52, mbtmp4.2/23, MS3.9/1, M51 3.9/1, ms1mx3.4/17, Error ellipse: s-maj=20.2km s-min=12.8km az=55.0

NEIC 31 04:13:43.6,2.0, 4.78S; 0.06, 103.99E; 0.03, h45km, 8km, mb4.2/28, Error ellipse: s-maj=8.8km s-min=4.6km

ISC 31 04:13:41.8,0.4, 4.83S; 0.06, 104.01E; 0.05, h25km, n81, s155/80, mb4.2/35, Southern Sumatera

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Lists station names and their associated data, including MNAI Manna, MNAI Palembang, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ABKAR Akbulak array, MAW Mawson, MAW Khabaz, etc.

DJA 31 04:13:56.6±0.3, S:5.5°, 10.4E, h10km, M5.3/12, mB5.2/2, mB5.3/4, M5.2/12, Mw19.4/6.2
IDC 31 04:13:57.9±2.4, 4.66S, 104.17E, h35km, 18km, mb4.4/25, mb1.4/26, mb1mx4.5/30, mbtmp4.6/26, ML4.6/1, Error ellipse: s-maj=17.4km, s-min=8.8km, az=48.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LWLI Liwa, MDSI Maura Dua, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDSI Maura Dua, MNAI Manna, KSI Kapahiang, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA Warrunganga Arr, WRA Warrunganga Arr, WRA Warrunganga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAR comp=2.4,9nm,1.15, baz=291,slow=14,SNR=7.8, ASAR Alice Springs, ASAR Mount Isa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAR comp=2.4,9nm,1.15, baz=291,slow=14,SNR=7.8, ASAR Alice Springs, ASAR Mount Isa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAR comp=2.4,9nm,1.15, baz=291,slow=14,SNR=7.8, ASAR Alice Springs, ASAR Mount Isa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAR comp=2.4,9nm,1.15, baz=291,slow=14,SNR=7.8, ASAR Alice Springs, ASAR Mount Isa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, IDC 31 04:29:04.9±5.1, 14.161S, 167.36E, h126km, 45km, mb3.6/6, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDC 31 04:36:31.2±0.7, 12.539N, 95.06E, h0km, mb4.0/14, mb1.4/116, mb1mx3.9/45, mbtmp4.0/16, ML3.7/2, Error ellipse: s-maj=25.7km, s-min=17.0km, az=68.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDC 31 04:36:33.9±0.5, 12.616N, 07.95E, h19E, 0.06, h19km, n49, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDC 31 04:36:35.2±0.3, 32.25S, 178.44W, h0km, mb4.0/2, mb1.4/13, mb1mx3.7/35, mbtmp3.9/3, ML3.3/1, Error ellipse: s-maj=65.4km, s-min=40.9km, az=137.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BARC Barichara, PAMC Pampiona, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NAM Namanagan, ARK Arkit, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AML Almayashu, MRKS Mierke, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DZM Mont Dzumac, URM Urewa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LBTB Lobatse, FSK Fiskardo, KONA Konidatara, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

31d 12h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like ANMO Albuquerque, I47A Gladwin, G55A Calabogie, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like GLA Glamis, TIC Toumoko, ISCO Idaho Springs, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like DUG Dugway, DUG Dugway, ISA Isabella, etc.

Table with columns: Code, Name, Date, Time, Res, and various status indicators. Includes entries like TEY, IRK, MOY, GUMO, TLY, WMQ, etc.

Table with columns: Code, Name, Date, Time, Res, and various status indicators. Includes entries like LSA, RPSI, PSI, MYKOM, etc.

Table with columns: Code, Name, Date, Time, Res, and various status indicators. Includes entries like BARN, CTGM, PSI, MCK, etc.

NEIC 31 13:15:38.8±1.7, 56°.38N/0.04°152.36W, 0.09, h11km, 5km, mb3.6/2, ML3.9/0(AE/IC), Error ellipse: s-maj=7.6km s-min=5.5km az=53.0

AEIC 31 13:15:41.9±1.8, 56°.24N/0.07°152.4W, 0.1, h7km, 5km, Error ellipse: s-maj=11.0km s-min=8.2km az=178.0

IDC 31 13:15:43.8±5.3, 56°.55N/152.47W, h33km, 38km, mb3.7/15, mb1.3/4/3, mb1mx3.0/6.2, mbtmp3.8/18, ML3.5/3, Ms1.3/4/3, ms1mx3.0/4.3, Error ellipse: s-maj=31.3km s-min=15.0km az=24.0

ISC 31 13:15:38.9±0.6, 56.337N/0.06°152.42W, 0.105, h10km, n143, ±1940/145, mb4.2/15, Kodiak Island region

Table with columns: Code, Station Name, Az, Az±, Phase ID, Time, Res. Includes entries like OHAK, OHAK, OHAK, etc.

IDC 31 13:19:26.3±0.6, 8°35'S, 146°95'E, h0km, mb4.1/14, mb1.4/3/19, mb1mx4.1/42, mbtmp4.2/19, ML4.2/25, Ms3.8/9, Ms1.3/8/9, ms1mx3.5/9, Error ellipse: s-maj=2.0km s-min=8.6km az=82.0

NEIC 31 13:19:27.0±2.3, 8°48'S/0.05°146.76E, 0.09, h10km, 1km, mb4.5/21, Error ellipse: s-maj=15.8km s-min=7.3km az=71.0

DJA 31 13:19:29.8±1.1, 8°S/3°14'7"E, h29km, 9km, M4.7/23, mb4.5/23, mb5.2/44, ML4.5/9, M3(MB)5.4/5, ISC 31 13:19:27.0±2.3, 8°48'S/0.04°146.80E, h10km, n76, ±1907/14, mb4.4/25, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az±, Phase ID, Time, Res. Includes entries like PMG, PMG, PMG, etc.

31d 13h

EKS2	comp=Z,1um,20.0s	Erkin-Say	83.55	315	P	P	13 53 29.0	+0.5
BRK	BRK	Bradley Lake	83.73	27	P	I Amb	13 53 28.9	0.0
RDOG	comp=Z,36nm,1.0s	Red Dog Mine	84.02	17	P	P	13 53 29.4	-0.7
RDOG	comp=Z,52nm,1.0s				I AMs_20	I AMs_20	14 30 07.1	
SKT	Skwentna	84.52	25	P	P	13 53 29.7	-3.2	
SEW	Seward	84.53	27	P	P	13 53 30.7	-2.1	
SUA	Susitna One	84.60	25	P	P	13 53 31.6	-1.8	
PPLA	Purkeypile	84.71	24	I AMs_20	I AMs_20	14 26 44.0		
RC01	comp=Z,1um,21.0s	Rabbit Creek A	84.86	26	P	P	13 53 33.3	-1.3
KBL	comp=Z,48nm,1.1s	Kabul	84.94	306	P	P	13 53 34.8	-1.1
KBL	comp=Z,24nm,0.9s	Kabul	84.94	306	P	P	13 53 34.8	-1.1
PMR	Palmer	85.35	26	P	P	13 53 35.8	-1.2	
PMR	Palmer	85.35	26	P	P	13 53 35.8	-1.2	
GHO	Glory Hole Cre	85.52	25	P	P	13 53 36.5	-1.5	
GHO	comp=Z,60nm,1.3s	Kamtshna Hill	85.53	23	P	P	13 53 36.3	-1.7
KNK	comp=Z,2um,21.0s	Knik Glacier	85.55	26	P	P	13 53 37.1	-1.0
IMAR	comp=Z,41nm,1.1s	Indian Mountai	85.71	21	P	P	13 53 37.0	-1.7
TRF	Thorofore Moun	85.73	24	P	P	13 53 37.4	-1.7	
BPWA	Bear Paw Mtn.	85.77	23	P	P	13 53 37.4	-1.7	
SML	Sawmill	85.78	25	P	P	13 53 38.2	-1.0	
SML	comp=Z,52nm,1.0s	Sawmill	85.78	25	P	P	13 53 38.2	-1.0
SML	comp=Z,52nm,1.0s	Glacier Island	85.92	27	P	P	13 53 39.2	-0.7
GLI	comp=Z,43nm,1.0s	Hinchinbrook I	85.98	27	P	P	13 53 39.9	-0.3
KK31	comp=Z,37nm,1.1s	Karatay Array	85.98	314	P	P	13 53 40.7	+0.1
KK31	Karatay Array	85.98	314	P	P	13 53 40.2	-0.3	
KKAR	Karatay Array	85.98	314	P	P	13 53 39.9	-0.7	
KKAR	Karatay Array	85.98	314	P	P	13 53 40.1	-0.5	
KKAR	comp=Z,52nm,0.9s	Karatay Array	85.98	314	P	P	13 53 40.7	+0.1
FID	Port Fidalgo	86.14	27	P	P	13 53 40.0	-0.9	
SCM	comp=Z,54nm,1.2s	Sheep Creek Mo	86.22	26	P	P	13 53 40.5	-1.0
SCM	comp=Z,65nm,1.0s	Sheep Creek Mo	86.22	26	P	P	13 53 40.5	-1.0
SCM	comp=Z,65nm,1.0s	Reindeer	86.29	24	P	P	13 53 40.1	-1.6
RND	comp=Z,42nm,0.9s	Reindeer	86.29	24	P	P	13 53 40.1	-1.6
RND	comp=Z,2um,20.0s	Reindeer	86.29	24	P	P	13 53 40.1	-1.6
RND	comp=Z,42nm,0.9s	Reindeer	86.29	24	P	P	13 53 40.1	-1.6
MLY	comp=Z,1um,20.0s	Manley	86.32	22	P	P	13 53 40.6	-1.2
MLY	comp=Z,1um,20.0s	Manley	86.32	22	P	P	13 53 40.6	-1.2
BWN	Browne	86.39	23	I AMs_20	I AMs_20	14 27 59.2		
TAS	Tashkent	86.40	312	P	P	13 53 43.1	+0.4	
MCK	comp=Z,85nm,0.4s	McKinley	86.40	24	P	P	13 53 40.6	-1.6
MCK	comp=Z,65nm,1.0s	McKinley	86.40	24	P	P	13 53 40.6	-1.6
MCK	comp=Z,2um,20.0s	McKinley	86.40	24	P	P	13 53 40.6	-1.6
MCK	comp=Z,65nm,1.0s	McKinley	86.40	24	P	P	13 53 40.6	-1.6
MCK	comp=Z,1um,20.0s	McKinley	86.40	24	P	P	13 53 40.6	-1.6
NEA	Nenana	86.73	23	P	P	13 53 41.5	-2.2	
DHY	comp=Z,92nm,1.9s	Denali Highway	86.74	25	P	P	13 53 43.1	-1.0
RAGM	comp=Z,1um,20.0s	Ragged Mountai	86.80	28	P	P	13 53 43.6	-0.6
RAGM	comp=Z,50nm,1.2s	Ragged Mountai	86.80	28	P	P	13 53 43.6	-0.6
WRH	comp=Z,1um,21.0s	Wood River Hill	87.06	23	P	P	13 53 43.9	-1.5
MDM	comp=Z,28nm,1.0s	Murphy Dome	87.23	23	P	P	13 53 43.9	-2.4
CCB	comp=Z,41nm,1.5s	Clear Creek Bu	87.25	23	P	P	13 53 44.1	-2.2
COLA	comp=Z,36nm,1.0s	CIGO, UAF Yank	87.33	23	P	P	13 53 44.7	-2.0
COLA	comp=Z,45nm,1.0s	College	87.34	23	P	P	13 53 44.6	-2.1
COLA	comp=Z,1um,20.0s	College	87.34	23	P	P	13 53 44.6	-2.1
COLA	comp=Z,46nm,1.0s	College	87.34	23	P	P	13 53 44.6	-2.1
COLA	comp=Z,971nm,20.0s	HAARP	87.39	26	I AMs_20	I AMs_20	14 28 29.0	
HDA	comp=Z,1um,20.0s	Harding Lake	87.48	23	P	P	13 53 45.3	-2.1
HDA	comp=Z,37nm,1.1s	Harding Lake	87.48	23	P	P	13 53 45.3	-2.1
HDA	comp=Z,1um,20.0s	Harding Lake	87.48	23	P	P	13 53 45.8	-1.6
NR1K	comp=Z,38nm,0.8s	Noril'sk	87.55	342	P	P	13 53 47.5	-0.2
NR1K	comp=Z,3.9nm,0.6s	baz=99,slow=3.7,SNR=1.9	87.55	342	P	P	13 53 47.5	-0.2
NR1K	comp=Z,2um,19.5s	baz=122,slow=36	87.55	342	P	P	13 53 47.1	-0.6
NR1K	Coldfoot	87.56	20	P	P	13 53 46.9	-0.8	
NR1K	Goldina Butte	87.60	27	P	P	13 53 47.4	-0.8	
POKR	comp=Z,34nm,1.0s	Poker Plat Res	87.60	23	P	P	13 53 47.1	-0.9
CRQM	comp=Z,38nm,0.9s	Cirque	87.65	27	P	P	13 53 47.8	-0.8
IL31	comp=Z,2um,19.5s	Eielson Array	87.66	23	P	P	13 53 45.7	-2.5
ILAR	comp=Z,24nm,0.5s	baz=259,slow=4.6,SNR=124	87.66	27	P	P	13 53 46.4	-1.9
ILAR	comp=Z,0.6nm,0.6s	baz=321,slow=0.2,SNR=6.0	87.66	27	P	P	13 53 46.4	-1.9
VRDI	comp=Z,664nm,20.6s	baz=265,slow=33	87.66	27	P	P	13 53 48.0	-0.7
TGL	comp=Z,38nm,1.2s	Tana Glacier	87.79	28	P	P	13 53 48.5	-0.6
MC9A	comp=Z,65nm,1.4s	McCarthy VSAT	87.93	27	P	P	13 53 49.0	-0.7

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MCARA	comp=Z,51nm,1.1s	Independent RI	88.05	24	P	P	13 53 49.5	-0.8
RIDG	comp=Z,1um,20.0s	Baldy	88.11	27	P	P	13 53 49.9	-0.8
BALM	comp=Z,61nm,1.3s	Baldy	88.11	27	P	P	13 53 49.9	-0.8
BALM	comp=Z,61nm,1.3s	Baldy	88.11	27	P	P	13 53 49.9	-0.8
MENT	Mentasta	88.21	25	P	P	13 53 50.6	-0.4	
SYO	Syowa Base	88.36	200	P	P	13 53 49.0	-2.6	
SYO	Syowa Base	88.36	200	P	P	13 53 50.8	-1.0	
SYO	Syowa Base	88.36	200	P	P	13 57 22.2	+3.3	
BARN	Barnard Glacie	88.43	27	P	P	13 53 51.4	+0.9	
TOLK	comp=Z,35nm,0.8s	Toolik Lake Re	88.44	19	P	P	13 53 50.7	-1.3
SCRK	comp=Z,1um,22.0s	Sand Creek	88.50	24	P	P	13 53 51.4	-1.1
PRP	comp=Z,1um,22.0s	Porcupine Dome	88.50	23	P	P	13 53 50.8	-1.7
CTGM	Chitina Glacie	88.55	28	P	P	13 53 51.0	-1.1	
BVAR	comp=Z,38nm,0.9s	Borovoye Array	88.71	324	PKKPbc	PKKPbc	14 11 36.6	+0.3
BRVK	comp=Z,0.6nm,0.8s	baz=316,slow=4.0,SNR=4.0	88.78	324	P	P	13 53 53.4	-0.5
BRVK	Borovoye	88.78	324	P	P	13 53 52.8	-1.1	
BRVK	Borovoye	88.78	324	I AMs_20	I AMs_20	14 34 49.0		
FYU	comp=Z,1um,21.0s	Fort Yukon	89.03	22	I AMs_20	I AMs_20	14 29 01.4	
BCAR	comp=Z,1um,22.0s	Beaver Creek A	89.08	26	P	P	13 53 54.4	-0.7
BMAR	Burnt Mountain	89.61	21	P	P	13 53 57.1	-0.4	
EGAK	Eagle	89.93	24	I AMs_20	I AMs_20	14 29 57.1		
HYT	comp=Z,1um,22.0s	Haines Junction	90.28	28	P	P	13 54 00.2	-0.7
SIT	Sitka	90.34	32	I AMs_20	I AMs_20	14 30 31.6		
HRA	comp=Z,1um,20.0s	Herat	90.41	305	P	P	13 54 01.2	-1.0
DAWY	comp=Z,48nm,1.1s	Dawson	90.42	25	P	P	13 54 00.7	-0.7
DAWY	comp=Z,34nm,1.2s	Dawson	90.42	25	P	P	13 54 00.6	-0.7
SKAG	comp=Z,2um,22.0s	Skagway	90.95	30	P	P	13 54 03.5	-0.4
BESE	Bessie Mountai	90.97	31	I AMs_20	I AMs_20	14 27 14.1		
BESE	Bessie Mountai	90.97	31	I AMs_20	I AMs_20	14 27 14.1		
DIB	comp=Z,1um,22.0s	Dawson Inlet	91.01	36	I AMs_20	I AMs_20	14 29 48.7	
JIS	comp=Z,1um,22.0s	Juneau Island	91.13	31	P	P	13 54 04.8	+0.2
MOBC	comp=Z,46nm,1.7s	Moresby Island	91.30	37	I AMs_20	I AMs_20	14 25 55.3	
WHY	comp=Z,1um,22.0s	Whitehorse	91.48	29	P	P	13 54 05.9	-0.5
WRAK	comp=Z,37nm,1.4s	Wrangell Island	91.78	33	P	P	13 54 07.7	0.0
WRAK	comp=Z,37nm,1.4s	Wrangell Island	91.78	33	I AMs_20	I AMs_20	14 29 47.8	
EPYK	comp=Z,1um,21.0s	Eagle Plains	92.18	23	P	P	13 54 08.6	-0.9
EPYK	comp=Z,30nm,1.0s	Eagle Plains	92.18	23	P	P	13 54 14.1	
EPYK	comp=Z,1um,22.0s	Eagle Plains	92.18	23	P	P	13 54 22.5	
DLBC	comp=Z,2um,22.0s	Dease Lake	93.41	32	P	P	13 54 15.2	-0.1
BBB	Bella Bella	93.43	38	I AMs_20	I AMs_20	14 26 22.8		
INK	comp=Z,1um,20.0s	Inuvik	93.86	21	PKKPbc	PKKPbc	14 11 24.0	+0.4
INK	comp=Z,0.8nm,0.5s	baz=34,slow=4.7,SNR=6.8	93.86	21	P	P	13 54 15.6	-1.5
INK	comp=Z,11nm,1.0s	Inuvik	93.86	21	P	P	13 54 15.6	-1.5
INK	comp=Z,1um,21.0s	Inuvik	93.86	21	I AMs_20	I AMs_20	14 31 52.8	
GEYT	comp=Z,1um,21.0s	Alibee	94.24	308	P	P	13 54 19.7	+0.1
GEYT	comp=Z,24nm,0.9s	baz=132,slow=2.2,SNR=23	94.24	308	LR	LR	14 40 33.6	
GEYT	comp=Z,424nm,21.2s	baz=30,slow=38	94.24	308	P	P	13 54 18.5	-1.2
GYA08	ALIBECK ARRAY	94.24	308	P	P	13 54 19.0	+0.7	
ABKAR	Abkuak array	94.40	319	P	P	13 54 18.0	-2.0	
J01E	Myrtle Point	94.98	47	P	P	13 54 21.5	-1.3	
SVE	Sverdljovsk	94.99	327	eP	P	13 54 21.5	-1.0	
SVE	comp=Z,23nm,1.8s	Sverdljovsk	94.99	327	MLR	MLR	14 40 33.6	
L02E	comp=Z,944nm,20.0s	Cave Junction	95.10	48	P	P	13 54 21.7	-1.7
K02D	comp=Z,2um,22.0s	Williamette Mer	95.12	48	P	P	13 54 22.6	-1.0
HOPS	comp=Z,1um,19.0s	Hopland Field	95.14	51	I AMs_20	I AMs_20	14 39 20.6	
I02D	comp=Z,1um,19.0s	Swissmose	95.15	46	P	P	13 54 22.6	-0.9
GDXM	comp=Z,1um,18.0s	Geysers	95.33	52	I AMs_20	I AMs_20	14 42 43.8	
I03D	comp=Z,1um,18.0s	Drain, OR	9					

31d 15h

Error ellipse: s-maj=10.6km s-min=4.9km az=159.0
AEIC 31 14:28:39.7, 1.2, 52.62N, 0.07, 166.63W, 0.06, h0km, mb3.7/14,
ML3.2/20, mb3.9/9(NEIC), Error ellipse: s-maj=10.5km
s-min=4.7km az=172.0, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like OKFG Magazine Ridge, MGOD Makushin Gods, etc.

IDC 31 14:34:56.6, 1.2, 53.74N, 163.65W, h0km, mb3.7/14,
mb1 3.8/16, mb1mx3.7/47, mbtmp3.7/16, ML3.3/2, MS3.6/1,
Ms1 3.6/1, ms1mx2.8/52, Error ellipse: s-maj=31.2km
s-min=15.3km az=172.0,
NEIC 31 14:34:57.6, 1.6, 53.45N, 0.04, 163.40W, 0.07, h22km, 5km,
mb4.1/14, ML3.4/29(AEIC), Error ellipse: s-maj=6.8km
s-min=4.7km az=46.0,
AEIC 31 14:34:58.6, 1.5, 53.44N, 0.05, 163.47W, 0.05, h30km, 5km,
Error ellipse: s-maj=6.9km s-min=3.9km az=201.0,
ISC 31 14:34:59.0, 0.6, 53.57N, 0.07, 163.50W, 0.04, h29km,
n119, r129/119, mb3.9/17, Unimak Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like WESP Westdahl Peak, WESP Shishaldin Wes, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BMAR Burnt Mountain, BILL Bilibino, INK Inuvik, etc.

IDC 31 14:45:24.0, 6.2, 2.37S, 102.14E, h0km, mb3.3/4,
mb1 3.5/4, mb1mx3.2/42, mbtmp3.3/4, MS3.3/1, Ms1 3.3/1,
ms1 3.3/1, ms1mx2.9/25, Error ellipse: s-maj=325.6km
s-min=24.9km az=63.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PSI Prapat, WRA Warramunga Arr, etc.

IDC 31 14:55:58.5, 2.8, 4.31S, 134.15E, h0km, mb3.1/1,
mb1 3.7/5, mb1mx3.4/38, mbtmp3.5/5, ML3.3/4, Error
ellipse: s-maj=84.2km s-min=23.9km az=73.0, Irian
Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SHJ Sorong, SUJI 1.4km, etc.

GUC 31 14:58:41.0, 0.7, 35.00S, 71.52W, h46km, 25km, ML4.3
SUA 31 14:58:41.0, 0.4, 34.67S, 71.76W, h24km, 2km, ML3.7,
MW3.9

NEIC 31 14:58:42.5, 1.1, 34.71S, 0.08, 71.6W, 0.2, h44km, 7km,
s-min=1.6km az=88.0,
IDC 31 14:58:43.4, 3.5, 34.77S, 71.64W, h53km, 32km, mb3.8/6,
mb1 3.9/9, mb1mx3.7/30, mbtmp4.0/9, ML4.1/3, MS3.9/1,
Ms1 3.9/1, ms1mx3.2/32, Error ellipse: s-maj=383km, 3km,
s-min=18.0km az=95.0,
ISC 31 14:58:41.3, 0.9, 34.81S, 0.03, 71.60W, 0.05, h33km, 3km,
n50, r196/45, mb4.5/10, 2C-2D, Near coast of central
Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GO05 Huala, GO05 Huala, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like EDS3 Malargue, AAGR Agrelo, ARCO CERRO ARCO, etc.

IDC 31 15:07:59.6, 1.4, 5.17S, 103.41E, h0km, mb3.8/9,
mb1 3.9/10, mb1mx3.8/46, mbtmp3.8/10, ML3.6/1, MS3.4/3,
KRUI 3.4/3, ms1 3.9/3, Error ellipse: s-maj=63.3km
s-min=15.6km az=52.0,
DJA 31 15:08:01.6, 0.3, 5.2S, 104.4E, h10km, 4.2/8, ML4.2/8,
NEIC 31 15:08:05.1, 1.9, 5.00S, 0.08, 103.69E, 0.09, h38km, 4km,
mb4.4/7, Error ellipse: s-maj=14.6km s-min=6.8km
az=53.0,
ISC 31 15:08:02.0, 0.6, 4.88S, 0.04, 104.03E, 0.06, h10km, n38,
r149/36, mb4.1/11, MS3.3/3, Southern Sumatara

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LWLI Liwa, MDSI Maura Dua, etc.

mb4.5/18, Error ellipse: s-maj=20.4km s-min=17.2km az=167.0
IDC 31 15:09:08.2,2.3,25.066S:179.66E,h521km,25km,
mb3.4/11,mb1 3.6/12,mb2 1m3x3.3/3,mbtmp4.3/12,Error
ellipse: s-maj=44.0km s-min=14.4km az=158.0
ISC 31 15:09:05.0,6.25,22S:0.1x179.78E:0.09,h501km,n44,
#096/46,mb4.2/20, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DZM, QRZ, TUWZ, RAR, LBZ, CAN, CTA, etc.

Table with columns: FITZ, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ, SLJI, MORW, GQSA, NVAR, etc.

NEIC 31 15:24:37.2,2.2,8.16S:0.07x118.12E:0.07,h206km,5km,
mb4.5/34, Error ellipse: s-maj=10.0km s-min=9.4km
az=178.0
DJA 31 15:24:37.7,0.1,8.5S:2.1x118.8E:,h204km,2km, M4.5/41,
mb4.5/41,mb5.1/12,MLV4.8/22,MM(mB)4.4/12
KLC 31 15:24:38.0,8.605S:118.05E,h217km,mb4.7
IDM 31 15:24:38.9,1.0,8.08S:118.17E,h214km,9km,mb4.1/16,
mb1 4.1/21,mb1mx3.8/51,mbtmp4.6/21, Error ellipse:
s-maj=12.6km s-min=7.1km az=59.0
ISC 31 15:24:37.0,3.8,25S:0.04x118.15E:0.04,h200km,n139,
#164/152,mb4.0/30,1C,Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PLAI, WBSI, SRBI, DNBP, BANI, BKSI, EDFI, KAPI, etc.

Table with columns: COEN, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like COEN, BBOO, CTA, PBKT, STKA, etc.

IDC 31 15:10:47.3,2.5,24.42S:179.73E,h504km,27km,mb3.4/8,
mb1 3.6/8,mb1mx3.2/33,mbtmp4.2/8, Error ellipse:
s-maj=33.6km s-min=17.2km az=173.0
NEIC 31 15:10:48.0,1.2,24.6S:0.1x179.80E:0.10,h531km,11km,
mb4.4/20, Error ellipse: s-maj=20.1km s-min=13.1km
az=182.0

ISC 31 15:10:48.0,0.6,24.6S:0.1x179.78E:0.08,h517km,n39,
#109/40,mb4.2/16, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RAO, MSVF, NIUE, DZM, etc.

Table with columns: FITZ, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ, BNDI, KSM, etc.

IDC 31 15:45:27.8,4.8,3.17S:103.41E,h0km,mb3.6/3,
mb1 3.9/4,mb1mx3.3/49,mbtmp3.7/4,ML3.8/1,MS3.3/1,
MS1 3.3/1,mb1mx2.7/46, Error ellipse: s-maj=228.3km
s-min=68.4km az=44.0

NEIC 31 15:45:38.1,1.3,3.4S:0.1x104.04E:0.08,h35km,2km,
mb4.1/3, Error ellipse: s-maj=24.5km s-min=5.8km
az=330.0

DJA 31 15:45:40.3,0.4,5.3S:3.1x10.4E:,h10km,M3.8/5,MLV3.8/5
ISC 31 15:45:40.5,1.0,4.84S:0.05x103.96E:0.08,h10km,n16,
#256/116,mb3.7/5, South of Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LWLI, MDSI, KASI, etc.

mb1 3.7/8, mb1mx3.4/40, mbtmp3.9/8, MS2.7/2, Ms1 2.7/2, ms1mx2.4/26, Error ellipse: s-maj=29.5km s-min=14.4km az=49.0

ISC 31 17:06:14.2±0.6, 9.38S, 0.07:1.153E, 0.06, h75km, n39, 01541/44, mb3.8/6, South of Bali

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

DJA 31 17:08:18.7±0.3, 1°N, 4°12'E, h10km, M3.0/6, MLV3.0/6, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Molucca Sea region.

ISC 31 17:38:57.9±1.3, 3°25'N, 84°31'W, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/30, mbtmp4.0/8, ML3.7/2, MS3.8/24, Ms1 3.8/24, ms1mx3.8/34, Error ellipse: s-maj=38.6km s-min=22.1km az=56.0

NEIC 31 17:38:59.9±2.5, 3°16'N, 0°08'42'W, 0.1, h10km, 1km, mb4.4/5, Error ellipse: s-maj=17.9km s-min=13.6km az=112.0

GCMT 31 17:39:01.9±0.3, 3°10'N, 0°01'84'33'W, 0.02, h22km, 1km, MW4.9/103, Moment Tensor Solution, s38, c42, s103, c129, Duration: 0, Moment tensor: Scale 1016Nm; Mxx=0.22±12; Mxy=0.04±10; Myx=0.81±12; Mzz=10.1±16; Mxz=2.80±09; Mzx=0.37±18; Best double couple: M2: 97400±1016 NPT±99.00000°, 883.00000°, 1.0.00000°. NP2: 9.00000°, 890.00000°, 1.173.00000°. Principal axes: T 3.09000°, Plg5.00000°, Azm34.00000°; N -0.22800°, Plg83.00000°, Azm189.00000°; P -2.85900°, Plg5.00000°, Azm54.00000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 31 17:39:02.1±0.7, 3°25'N, 0°08'84'28'W, 0.08, h28km, n50, 01538/29, mb3.9/6, MS3.9/21, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Central America region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Puerto Rico region.

ISC 31 17:45:37.5±7.7, 19°51'N, 145°07'E, h126km, 61km, mb3.1/3, mb1 3.5/4, mb1mx3.0/39, mbtmp3.7/4, Error ellipse: s-maj=172.1km s-min=27.6km az=111.0, Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Mariana Islands region.

TEH 31 18:00:07.6, 37°15'N, 44°36'E, h10km, ML2.8

ISK 31 18:00:08.6, 36°79'N, 44°06'E, h5km, ML3.2/6

SIF 31 18:00:24.7, 1.5, 37°82'N, 43°91'E, h12km, 28km, ML2.5, MW3.4

ISC 31 18:00:09.0±1.1, 37°04'N, 0°06'44'81'E, 0.03, h12km, n23, 01560/26, Turkey-Iran border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Turkey-Iran border region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the KZRTI Kazreti region.

SJA 31 18:05:13.8±0.9, 26°11'S, 69°85'W, h50km, ML3.5, MW3.4

GC 31 18:05:14.7±0.7, 26°11'S, 70°03'W, h68km, 27km, ML3.6

ISC 31 18:05:16.3±1.4, 26°15'S, 70°04'W, 0.1, h61km, n17, 00982/20, 4C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Chile region.

31d 19h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PASADENA Art C, SSK Sunset Peak, FMP Fort MacArthur, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res, ISC. Includes stations like IDC 31 18:26:16.3, CTA Charters Tower, WRA Warramunga Arr, 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 YKA Yellowknife Ar, PETK Petropavlovsk, ASAJ Asahikawa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VRH, EYAK, MENT, EGAK, RAGM, LPSR, VRDI, BCAR, MCARA, KRLR, VSR, CROM, VORD, TGL, BALM, ZEI, DAWY, EPYK, BARN, KBZ, KRUB, KIV, CTGM, INK, SHAI, AKH, AKH, AS31, ASAR, ASAR, ASAR, FINES, FINES, FINES, WHY, SKAG, DAG, DAG, AKASG, AKASG, AKASG, RES, RES, RES, DLBC, CRAC, FORT, HFS, NC405, BRTR, NOB21, NOB2, NOA, NOA, NORES, KULLO, KULLO, BUR08, BURAR, VRI, KWP, KWP, MLR, MLR, SUMG, SUMG, SUMG, DOPR, YKA, YKA, BBOO, BBOO, STKA, STKA, STKA, STKA, TRPA.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OJC, OJC, NIE, OKC, GZR, MORC, MORC, MORC, MORC, VYHS, VYHS, KRLC, KRLC, KRLC, CHVC, DPC, DPC, VRAC, VRAC, VRAC, VTS, VTS, VTS, VTS, MODS, MODS, MODS, BRG, BRG, CLL, CLL, CLL, CLL, PRU, PRU, PRU, KHC, KHC, KHC, GERES, GERES, GERES, LLLB, MOA, SOKA, SOKA, GRF, OBKA, NLWA, KBA, SFJD, SFJD, SFJD, D03D, B05A, B06A, ABTA, MOTA, SQTA, D05A, E04D, FETA, FETA, LON, LON, LON, LON, CTI, CTI, CTI, EKA, D08A, D08A, LTY, LTY, BFO, BFO, BFO, DAVOX, DAVOX, BMRD, I02D, SNF, H04D, TUE, C09A, C09A, E07A, H04A, I03D, G05D, Wamic, D08A, D08A, NEW, NEW, NEW, NEW, NRCA, NRCA, HAWA, MURB.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MURB, FRB, F07A, AQU, AQU, AQU, ZCCA, ZCCA, E08A, E08A, I04A, K02D, I05D, OSSC, E02A, E09A, J04D, J04D, LATE, LATE, J05D, J05D, FFC, FFC, FFC, L04D, L04D, K04D, YBH, YBH, F10A, F10A, M02C, M02C, I07A, I07A, M04C, M04C, N02D, N02D, BMO, BMO, BMO, WDC, WDC, WDC, WDC, O02D, O02D, MSO, MSO, J08A, J08A, MOD, MOD, MOD, O03E, O03E, WVOR, WVOR, WVOR, EGMT, EGMT, ORV, ORV, ORV, MFID, MFID, BEKR, BEKR, AFDM, AFDM, MCMT, PAHR, PAHR, PAHR, QLMT, GCMT, YHL, CMB, CMB, CMB, YERR, YERR, YHB, DGMT, DGMT, KVN, KVN, KVN, KVN, H17A, H17A, H17A, RYN, RYN, RYN, RLMT, FLWY, FLWY, LAO, LAO, NVAR, NVAR, NVAR, ELK, ELK, ELK, NV11, ULM, ULM, ULM, PDAR.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DAVA, UBR, SUMG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MORC, MODO, MODS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MIAR, ARU, ARU, etc.

Table with columns for station name, coordinates, and status. Includes stations like Paradox Valley, Morning Glory, East Wray Mesa, Jordanelle, Hansel Valley, etc.

Table with columns for station name, coordinates, and status. Includes stations like Lo Mia Camp, Modoc Plateau, Douglas Tucson, Kaiserville, Hualapai Mount, etc.

Table with columns for station name, coordinates, and status. Includes stations like JMA 31 20:23, JDC 31 20:23, NEIC 31 20:52, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MK31 Makanchi Array, ILAR Eielson Array, etc.

IDC 31 22:48:12.5:2.4,6.09S:129.85E,h0km,mb3.2/1, mb1 3.6/3,mb1mx3.3/39,mbtmp3.4/3,ML3.7/2,MS3.3/1, Ms1 3.3/1,ms1mx2.4/13,Error ellipse: s-maj=132.1km s-min=32.8km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JCJ Chichijima, MKAR Makanchi Array.

JMA 31 22:51:22.3,23:54N:121:45E,h34km,1km,M2.8 TAP 31 22:51:23.2,23:59N:121:47E,h23km,ML3.0,C IDC 31 22:51:23.5:0.9,23:57N:0:02:121:47E:0:02,h27km,4km, n101,σ1812/186,4D,Taiwan

Main table for 1751 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HGSD Ruisi, EGFH Guangfu, EHY Hungye, YULB Yu-Il, etc.

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Main table for 2014 MAR with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TDCB baz=336, STYT Tauyuan, WNT Mingjing, etc.

31d 23h

Table for 31d 23h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCUH Zhongli, SCZT Fanao, TIPB Shuangxi, etc.

IDC 31 22:55:47.5:2.0,22:86N:95:45E,h0km,mb3.5/2, mb1 3.6/3,mb1mx3.3/44,mbtmp3.5/3,ML4.2/1,MS3.0/4, Ms1 3.0/4,ms1mx2.7/26,Error ellipse: s-maj=51.0km s-min=18.9km az=61.0

ISC 31 22:55:50.6:0.9,23:03N:0:1:95.7E:0:1,h10km,n27, σ203/34, Myanmar

Table for 31d 23h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMMT Chiang Mai, MHMT Maesarieng, CMAR Chiang Mai Arr, etc.

KEA 31 23:01:24.3:0.0,37:99N:123:65E,h0km,ML2.6/1, Northeastern China

Table for 31d 23h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJU Haaju, PYS Pyongsong, SUJ Sinuiju.

NIED 31 23:02:00,36:80N:141:20E,h17km,Mw4.0 Best double couple: M1:0.300x10^15 N1:0.89.00000: 889.00000: 7.6.00000: N2:0.358.00000: 864.00000: 1.79.00000: IDC 31 23:02:03.6:0.6,36:83N:141:22E,h0km,mb3.6/12,

31d 23h

mb1 3.8/15, mb1mx3.7/37, mbtmp3.7/15, ML3.8/2, MS2.8/6, Ms1 2.8/6, ms1mx2.6/33, Error ellipse: s-maj=20.0km s-min=17.9km az=128.0

JMA J1 23:02:06.5e.0.1, 36.83N, 141.17E, h35km, 1km, M3.9 JMA Feil J1.

ISC J1 23:02:06.1e.1, 3.3681N, 100.441E, 0.05, h17km, 8km, n35, o674/34, mb3.6/12, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists seismic stations and their parameters.

IDC J1 23:58:01.6e.0.6, 19.80S, 70.57W, h0km, mb4.0/9, mb1 4.3/11, mb1mx3.7/37, mbtmp4.1/11, ML3.8/2, MS3.3/8, Ms1 3.3/8, ms1mx3.1/27, Error ellipse: s-maj=27.1km s-min=13.3km az=69.0

NEIC J1 23:58:04.2e.2, 3.1988S, 0.03, 70.62W, 0.04, h24km, 5km, mb4.2/4, Mw1.4/1, ML3.8(GUC), Error ellipse: s-maj=6.0km s-min=3.2km az=71.0

GUC J1 23:58:05.0e.0.6, 19.88S, 70.55W, h40km, 3km, ML3.8 NEIC J1 23:58:05.1, 19.84S, 70.56W, h28km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr: 3.3; Mth: 0.10; Mtt: 1.44; Mtr: 0.78; Mtr: 0.28; Mtr: 0.53; Fault plane solution: Mo: 1.7000e+19; N1: 147.65000; N2: 126.80000; N3: 166.70000; N1N2: 10.55000; N2N3: 40000; N1N3: 126.80000; Principal axes: T: 1.7509; P: 6.95000; Az: 145.0000; N: 0.074; Plg1: 0.000; Plg2: 159.000; P: -1.6356; Plg13: 0.000; Azm25: 0.000;

VAO J1 23:58:09.7e.0.7, 19.90S, 70.40W, h71km, 6km, mb4.3 ISC J1 23:58:04.2e.0.5, 19.88S, 0.03, 70.60W, 0.06, h21km, 3km, n95, o125/97, mb4.0/8, MS3.3/4, 10D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists seismic stations and their parameters.

2014 MAR

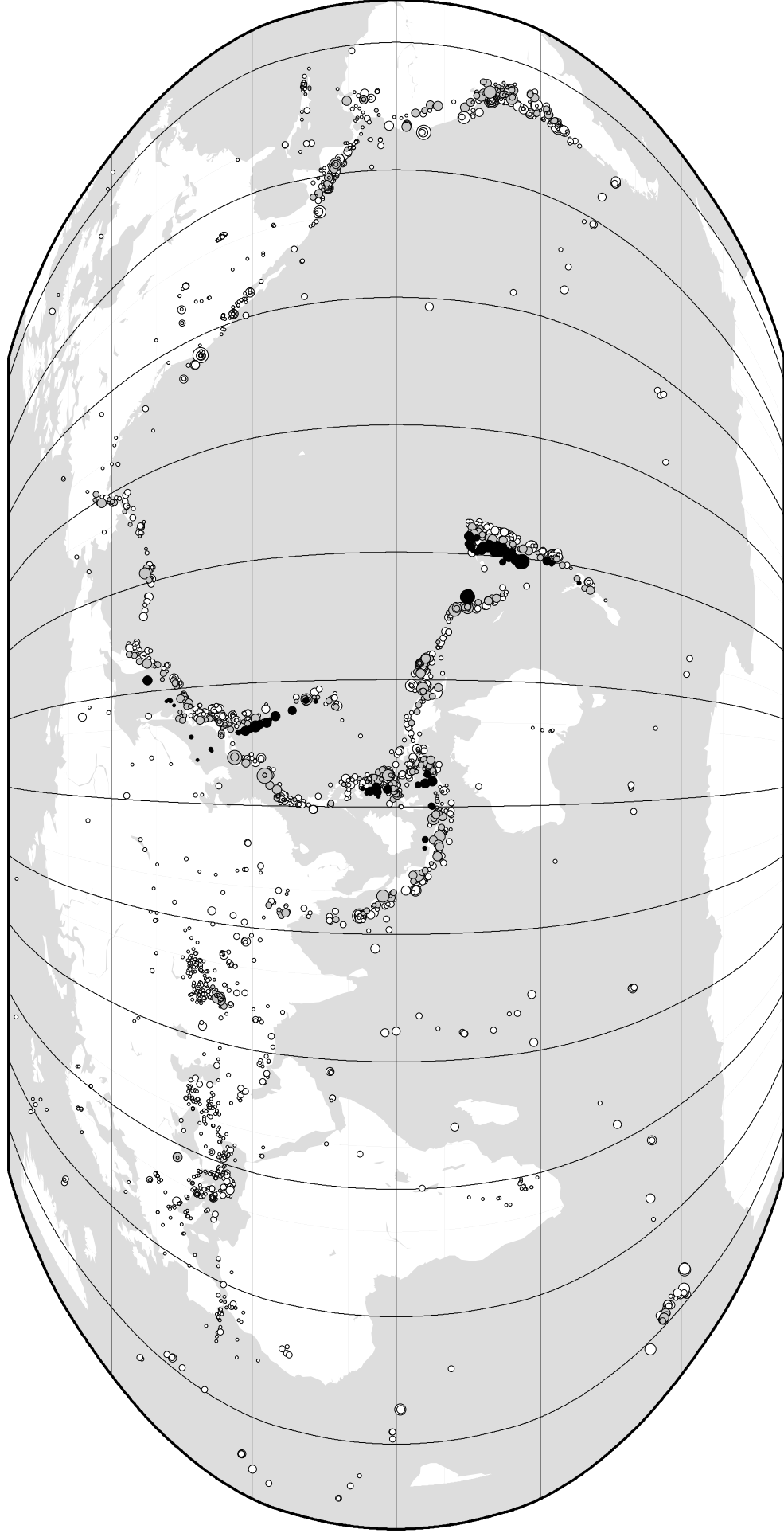
Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists seismic stations and their parameters.

1752

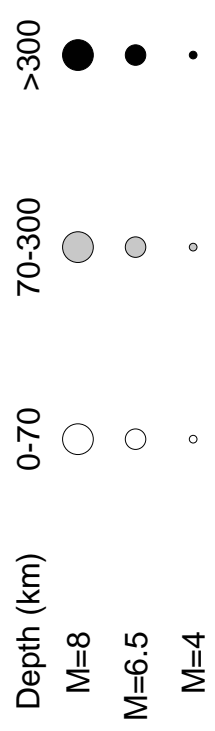
Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists seismic stations and their parameters.

BTLS	517nm,0.3s	Baital	5.33	1	eP	Pb	00 01 22.3 +2.5
BTLS	4.9nm,0.4s				eS	Sg	00 02 31.9 -5.7
BTLS	46nm,0.6s	Baital	5.33	1	Pg	Pb	00 01 22.3 +2.5
BTLS	4.9nm,0.4s				Lg	Lg	00 02 31.9
ARXS	46nm,0.6s	Arharly	5.35	32	eP	Pb	00 01 20.8 +0.4
ARXS	31nm,0.3s				eS	Sb	00 02 29.2 +4.6
ARXS	154nm,0.8s	Arharly	5.35	32	Pg	Pb	00 01 20.8 +0.4
ARXS	31nm,0.3s				Lg	Lg	00 02 29.2
PDGK	154nm,0.8s	Podgomoye	5.52	47	Pg	Pb	00 01 24.8 +1.6
PDGK	10nm,0.7s				Lg	Lg	00 02 35.8
PDGK	21nm,0.8s	Podgomoye	5.52	47	↑Pn	Pn	00 01 11.1 +2.1
PDGK	4.1nm,0.4s				↓Pg	Pb	00 01 27.2 +4.1
PDGK	26nm,0.8s				↑Lg	Lg	00 02 39.3
NIL	56nm,0.8s	Nilore	6.08	185		Pn	00 01 22.6 +5.9
KTMS	Ketmen	6.09	50	eP	Pb	00 01 35.5 +2.6	
KTMS	0.3nm,0.1s				eS	Sb	00 02 54.1 +8.2
KTMS	30nm,0.8s	Ketmen	6.09	50	Pg	Pb	00 01 35.5 +2.6
KTMS	0.3nm,0.1s				Lg	Lg	00 02 54.1
TDK	30nm,0.8s	Taldygorghan	6.24	31	eP	Pb	00 01 38.5 +3.1
TDK	45nm,0.4s				eS	Sg	00 02 59.4 -7.4
TDK	133nm,1.4s	Taldygorghan	6.24	31	Pg	Pb	00 01 38.5 +3.1
TDK	45nm,0.4s				Lg	Lg	00 02 59.4
DJR	133nm,1.4s	Jarkent	6.35	41	eP	Pb	00 01 40.3 +3.0
DJR	5.5nm,0.4s				eS	Sg	00 03 02.6 -7.8
DJR	27nm,0.9s	Jarkent	6.35	41	Pg	Pb	00 01 40.3 +3.0
DJR	5.5nm,0.4s				Lg	Lg	00 03 02.6
KBL	27nm,0.9s	Kabul	6.47	219		Pn	00 01 27.7 +5.5
KAPS	Kapalarasan	6.86	34	eP	Pb	00 01 49.6 +3.6	
KAPS	3.8nm,0.5s				eS	Sg	00 03 18.4 -8.4
KAPS	31nm,0.9s	Kapalarasan	6.86	34	Pg	Pb	00 01 49.6 +3.6
KAPS	3.8nm,0.5s				Lg	Lg	00 03 18.4
MK31	31nm,0.9s	Makanchi Array	9.34	38	↓Pn	Pn	00 02 04.2 +2.9
MK31	2.0nm,0.7s,baz=209,slow=13,SNR=8.3				↓Lg	Lg	00 04 37.9
MK31	8.3nm,0.8s,baz=227,slow=24,SNR=4.2	Makanchi Array	9.34	38		Pn	00 02 03.9 +2.6
MKAR	0.1nm,0.3s,baz=201,slow=13,SNR=9.5	Makanchi Array	9.34	38	Pn	Pn	00 02 04.5 +3.2
MKAR	0.3nm,0.3s,baz=227,slow=28,SNR=5.0				Lg	Lg	00 04 40.4
MKAR	0.3nm,0.3s,baz=227,slow=28,SNR=5.0	Makanchi Array	9.34	38		Pn	00 02 03.6 +2.3
WMQ	Urumqi	11.06	64	eP	Pn	00 02 27.7 +2.7	
KURBB	Kurchatov Arra	11.38	15	Pn	Pn	00 02 28.6 -0.6	
KURBB	0.0nm,0.3s,baz=209,slow=12,SNR=1.9				Lg	Lg	00 05 45.1
KURBB	0.1nm,0.3s,baz=97,slow=14,SNR=5.8	Kurchatov Arra	11.38	15	↓Lg	Lg	00 05 43.7
KURBB	38nm,0.9s				↑Lg	Lg	00 05 46.0
KURK	Kurchatov	11.48	15	↑Lg	Lg	00 05 46.0	
GEYT	Alibeck	12.47	267	Pn	Pn	00 02 40.9 -3.3	
GEYT	0.3nm,0.3s,baz=135,slow=40,SNR=2.0				Sn	Sn	00 05 03.6 +0.4
GEYT	0.6nm,0.3s,baz=190,slow=15,SNR=6.8				LR	LR	00 08 14.9
GEYT	comp=Z,46nm,19.5s,baz=0.0,slow=41						
BVAR	Borovoye Array	13.54	351	Pn	Pn	00 02 57.9 -0.8	
BVAR	0.5nm,0.3s,baz=162,slow=12,SNR=19				Lg	Lg	00 06 54.3
BVAR	0.2nm,0.3s,baz=161,slow=29,SNR=8.3						
BRVK	Borovoye	13.58	351		Pn	Pn	00 02 58.4 -0.8
ABKAR	Akbulak array	13.79	318		Pn	Pn	00 03 00.5 -1.7
AKTO	Aktyubinsk	15.50	319	Pn	Pn	00 03 24.3 -0.9	
AKTO	0.3nm,0.3s,baz=126,slow=16,SNR=7.1				LR	LR	00 10 15.4
AKTO	comp=Z,26nm,19.5s,baz=135,slow=40						
AKTO	Aktyubinsk	15.50	319	↓Pn	P	00 03 29.2 -0.5	
AKTO	3.9nm,0.8s				Sn	Sn	00 06 18.5 +1.6
AKTO	6.0nm,1.4s						
ZALV	Zalesovo Beam	16.04	24	Pn	Pn	00 03 33.7 +1.5	
ZALV	0.2nm,0.3s,baz=198,slow=12,SNR=5.3						
ZALV	Zalesovo Beam	16.04	24	Pn	Pn	00 03 32.2 +0.1	
ARU	Arti	19.55	334	P	Pn	00 04 16.9 +1.3	
ARU	0.0nm,0.3s,baz=157,slow=13,SNR=3.6				LR	LR	00 12 27.7
ARU	comp=Z,38nm,18.1s,baz=218,slow=39						
GTA	Gaotai	19.94	83	eP	P	00 04 18.4 -0.5	
GTA					pP	pP	00 04 23.7 -0.7
GTA					sP	sP	00 04 26.4 +3.8
GTA	comp=Z,5.0nm,1.2s				pmax	pmax	
KVAR	Kislovodsk Arr	23.58	291	LR	LR	00 15 02.9	
KVAR	comp=Z,44nm,19.1s,baz=214,slow=39						
KIRV	Kirov	24.53	326	LR	LR	00 15 26.0	
KIRV	comp=Z,52nm,19.6s,baz=38,slow=36						
SONM	Songino Array	24.66	60	P	P	00 05 08.7 +1.1	
SONM	0.3nm,0.4s,baz=283,slow=8.7,SNR=2.7						
CMAR	Chiang Mai Arr	30.25	127	LR	LR	00 18 09.6	
CMAR	comp=Z,1.9nm,18.8s,baz=195,slow=36						
BRTR	Keskin Array B	30.81	283	P	P	00 06 04.0 +1.1	
BRTR	0.4nm,0.8s,baz=75,slow=7.7,SNR=2.5						
CSS	Mathiatis	32.43	275	P	P	00 06 14.3 -2.6	
FIA1	FINESS Array S	36.21	323	P	P	00 06 46.9 -2.5	
FIA1					IAMB	IAMB	00 06 51.0
FIA1	comp=Z,2.9nm,1.1s						
FINES	FINESS Array B	36.22	323	P	P	00 06 50.0 +0.6	
FINES	comp=Z,1.8nm,0.4s,baz=114,slow=9.6,SNR=21						
HKC	Hong Kong Obse	38.24	105	↑P	P	00 06 59.0 -8.0	
ARCES	ARCCESS Array B	39.13	335	P	P	00 07 15.0 +1.1	
ARCES	comp=Z,3.8nm,0.8s,baz=90,slow=7.3,SNR=7.0						
KLR	Kul'dur	41.42	57	LR	LR	00 26 31.9	
KLR	comp=Z,56nm,18.4s,baz=322,slow=39						
GERES	GERESS Array B	43.05	303	P	P	00 07 48.0 +1.5	
GERES	comp=Z,0.2nm,0.4s,baz=60,slow=7.9,SNR=5.4						
NB2	NORSAR Subarra	43.28	321	P	P	00 07 48.9 +0.7	
NB2	comp=Z,1.1nm,0.6s,baz=91,slow=7.9						
NOA	NORSAR Array B	43.28	321	P	P	00 07 48.6 +0.4	
NOA	comp=Z,0.9nm,0.6s,baz=91,slow=7.9,SNR=8.1						
SPITS	Spitsbergen Ar	44.92	346	LR	LR	00 31 40.8	
SPITS	comp=Z,34nm,18.3s,baz=355,slow=43						
ASAJ	Asahikawa	49.94	61	LR	LR	00 30 06.7	
ASAJ	comp=Z,422nm,20.9s,baz=104,slow=36						
TOLK	Toolik Lake Re	67.22	16	P	P	00 10 38.1 -2.6	
TOLK					IAMB	IAMB	00 10 38.6
TOLK	comp=Z,1.8nm,0.9s						
IMAR	Indian Mountai	68.40	19	P	P	00 10 47.6 -0.5	
ILAR	Eielson Array	71.05	17	P	P	00 11 06.5 +2.1	
ILAR	comp=Z,0.2nm,0.9s,baz=302,slow=6.9,SNR=1.7						
KTH	Kantishna Hill	71.08	20	P	P	00 11 03.3 -1.5	
WRA	Warramunga Arr	81.80	124	P	P	00 12 05.7 -0.3	
WRA	comp=Z,0.4nm,0.7s,baz=330,slow=5.1,SNR=2.9						
ASAR	Alice Springs	84.27	127	P	P	00 12 19.8 +1.0	
ASAR	comp=Z,0.2nm,0.4s,baz=330,slow=5.4,SNR=1.9						

ISC Computed Locations for March 2014



Robinson Projection, centred on 0°N, 130°E



3429 Events